



Shenandoah University Pharmacy Residency Teaching and Learning Curriculum Program

The Shenandoah University Pharmacy Residency Teaching and Learning Curriculum Program (RTLCP) is a collaborative program between the School of Pharmacy and Center for Teaching, Learning, and Technology that combines both the knowledge and practice of teaching in a comprehensive yearlong program. Now starting its eleventh year, the program has been very successful in further developing participants' teaching skills that have been applied in varied practice settings, including academia and practice. All Shenandoah University-affiliated residencies along with distant regional residency programs are able to participate through the use of synchronous and asynchronous technology and practice experiences done onsite at the School of Pharmacy and affiliated residency programs or offsite at the distant residency sites. With ongoing programmatic enhancements, participants in the 2017-18 RTLCP will get a relevant, comprehensive and user-friendly educational experience that can be applied in many settings for the future.

Program Goals

The goals of the RTLCP are to provide the participant with the pedagogical knowledge and best practices for teaching; to gain experience in the didactic, small group, and experiential teaching settings; to develop a philosophy of teaching; and to document teaching effectiveness and progression. The Shenandoah University RTLCP will assist residents and residency preceptors in strengthening their teaching effectiveness regardless of the practice setting.

Specific Program Elements

1. **Pedagogy Seminars** will consist of monthly pre-recorded lectures delivered asynchronously on specific teaching topics via the Canvas platform along with online synchronous live discussions (2 hour evening sessions once monthly) to further enhance understanding and application of the topics. Required topical readings will be assigned.
2. **Didactic experiences** will consist of two formal, peer-reviewed lectures (two lectures of one hour in length each or one lecture of one hour and two of 30 minutes) given by the participant during the residency year with mentoring by a content expert and/or residency program director at the participant's site. Acceptable didactic experiences include lectures, continuing education programs, in-services with one pharmacotherapy topic and the second topic as a pharmacotherapy topic or other healthcare-related topic. Other requirements for didactic experiences include: delivered to a minimum of ten people consisting of healthcare professionals and/or students; contain written, measurable learning objectives; reviewed and practiced prior to the presentation; development of a minimum of five assessment questions; written evaluation by learners and teaching mentor; video recorded for resident self-reflection.

3. **Experiential experiences** will consist of the participant serving as a student pharmacist preceptor in conjunction with a primary preceptor on record for one student rotation in the spring semester. The RTLCP participant ideally should have already completed the rotation on which they will be serving as preceptor. The rotation should be a 4-6 week rotation for a 4th year APPE rotation student. The participant should develop the following in conjunction with the primary preceptor on record: syllabus of experiential experience, rotation calendar and list of student activities as required by the pharmacy school (to include regular topic discussions), evaluations of the student pharmacist, evaluation from preceptor on record, self evaluation.

4. **Small group facilitation** experiences will consist of three 1-hour or six 30-minute small group meetings. At least 2 different topics must be covered throughout all the sessions. Each small group must have a minimum of five participants and consist of healthcare professionals, pharmacy students, or patients. Examples of small group facilitation experiences include: patient case review, journal article review, disease state review, patient education class, or other topic review. Guided questions to facilitate discussion with the group and feedback should be documented. Evaluations of all experiences should be documented.

5. A **Teaching Philosophy** should be developed by the RTLCP participant throughout the year and periodically revised with mentoring from Shenandoah University faculty. This self-reflective document of the participant's concept and approach that underlies their teaching will become a part of the teaching portfolio upon completion of the RTLCP.

6. A **Teaching Portfolio** will be maintained throughout and completed at the conclusion of the RTLCP by the participant as a compilation and documentation of all teaching experiences and development of a teaching philosophy. The teaching portfolio will be kept electronically in a standardized format.

Eligible Participants

All pharmacy residents in residency programs affiliated with Shenandoah University are eligible to participate. Other non-affiliated regional pharmacy residency programs are also eligible to participate. The program is open to both pharmacy residents and preceptors.

Site Requirements for Participation

Requirements for the RTLCP include: overall RTLCP mentor for each resident (SU faculty member for affiliated onsite residencies, site-based mentor and SU faculty member for offsite residencies), content expert mentors depending on the topic and activity (SU faculty for affiliated onsite residencies, site-based mentor for offsite residencies), experiential preceptor mentor for each resident based at each site, student pharmacist assigned to the site (one student per resident), computer with a webcam, internet access, familiarity with Zoom video conferencing for synchronous chats and web conferencing, familiarity with Canvas learning management system.

Successful Completion of the RTLCP

Residents who successfully complete all requirements and submit a completed electronic portfolio will receive a certificate of completion of the program. This will be awarded at the Shenandoah University Residency Graduation Ceremony from the Shenandoah University School of Pharmacy and Center for Teaching, Learning, and Technology in June 2018. Extensions of the program will be considered on an individual basis

Cost

The cost of the Shenandoah University RTLCP is \$200 per participant for non Shenandoah University-affiliated residency programs, although fees may be discounted in conjunction with Shenandoah University School of Pharmacy Experiential Education Department, and no cost to Shenandoah University-affiliated residency programs.

Additional Information

Additional information about the Shenandoah University RTLCP can be obtained by contacting:
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