Mercer University College of Pharmacy and Health Sciences
Pharmacy Teaching Program
2011/2012

Background

The American Society of Health-System Pharmacists (ASHP) post-graduate year one (PGY1) residency standards strongly encourage programs to offer opportunities to residents to gain experience in teaching.\(^1\) The post-graduate year two (PGY2) standards have an outcome (Outcome E1) requiring that participants demonstrate skills required to function in an academic setting.\(^2\) Several publications describe the effectiveness of teaching certificate programs offered by colleges of pharmacy.\(^3-5\) Post-graduate training programs that are at pharmacy schools typically have opportunities to gain classroom experience and receive instruction on educational methods. However, at post-graduate training programs that are not affiliated with a pharmacy school, this opportunity may not be as readily available. Many of the coordinators of pharmacy post-graduate training programs in Metro Atlanta have requested that Mercer University College of Pharmacy and Health Sciences (COPHS) provide some teaching experience for their residents. Additionally, Mercer University COPHS Doctor of Philosophy (PhD) students currently participate in many teaching-related activities. It would be ideal if their participation could be formalized and documented to help prepare them for careers in academia. Mercer University COPHS would gain teaching assistants for labs and facilitators for breakout group activities and case discussions. Mercer University COPHS students would benefit from interacting with the residents and PhD students. Training residents and PhD students in teaching will help position them for a possible career in academia.

Objectives and Goals

This practice-based continuing education program is based on ASHP residency standards and consists of seminars, teaching experience, precepting experience, and developing a teaching portfolio. The primary goal of the Pharmacy Teaching Program (PTP) is to develop, through practice, the participants' skills required to function in an academic setting.

Contact Information

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Requirements

I. Construct Teaching Portfolio (ASHP PGY1 Standards and Objective 2.6 and 4.1b5 and PGY2 Standards Objective E1.2.7) A teaching portfolio should contain evidence of an educator’s effectiveness. Although there are no standard content requirements, a teaching portfolio usually includes:
1. Teaching Philosophy
2. Faculty evaluations
3. Peer evaluations
4. Student evaluations
5. Lecture handouts
6. Test questions
7. Itemized analysis reports
8. Reflection and self-assessment

II. Teach

A. Precept – for PharmD Residents (ASHP PGY1 Standards and Objective 2.6 and 4.1b5 and PGY2 Standards Objective E1.2.4)
   • Precept, under the supervision of the practice-site preceptor, two advanced pharmacy practice experiential (APPE) students over a minimum of two blocks
   • Conduct written midpoint and final evaluations for the students they precept
   • Grade presentations and assignments
   • Have students evaluate teaching

ii. Mentor – for PhD students
   • Mentor a first year graduate student over a minimum of two semesters.
   • Conduct written midpoint and final evaluations for the students they mentor
   • Have mentor complete two evaluations of the mentee, one at the end of each semester

B. Lecture (ASHP PGY1 Standards and Objective 2.6 and 4.1b5 and PGY2 Standards Objective E1.2.2)
   • 1-2 hour lecture, write objectives, design active learning activity, write test questions
   • Will be evaluated by students, peer, and a faculty member
   • Review student performance on applicable test questions
   • Will self-assess teaching

C. Facilitate or Teaching Assistant (ASHP PGY1 Standards and Objective 2.6 and 4.1b5 and PGY2 Standards Objective E1.2.3)
   Document 15 hours of small-group teaching on a log form. Some activities that are available to complete these hours include, but are not limited to facilitating:
   • Institutional Introductory Pharmacy Practice Experiences
   • Case Discussions
   • Practice skill labs

III. Complete 15 hours of the following Teach-Related CE Programs
In order to earn a certificate, the participant must complete a minimum of 15 hours of the following CE programs. There are more than 18 hours available.
(ASHP PGY1 Standards and Objective 2.6 and 4.1b5 and PGY2 E1.1.1-E1.1.7, E1.2.1-E1.1.3, E1.2.5-E1.2.9)

**Blooms Taxonomy, Learning Styles, and Effective Lecturing Techniques**

**Home-Study Program 1 - due by midnight, Tuesday, July 12, 2011**
2 credit hours (0.2 CEU) ACPE UAN: 0013-000-10-005-H04-P

**Workshop 1 - Wednesday, July 13, 2011 4-6:30 p.m. at Mercer**
Dinner provided 5:00-5:30 p.m.
2 credit hours (0.2 CEU) ACPE UPN: 0013-000-10-006-L04-P

**Reviewing Teaching Methodologies of Active Learning**

**Home-Study Program 2 - due by midnight, Tuesday, July 26, 2011**
1 credit hour (0.1 CEU) ACPE UAN: 0013-0000-10-007-H04-P

**Workshop 2: Wednesday, July 27, 2011 Mercer 4-6:30 p.m.**
Dinner provided 5:00-5:30 p.m.
2 credit hours (0.2 CEU) ACPE UPN: 0013-0000-10-008-L04-P

**The How To of Assessment**

**Home-Study Program 3 - due by midnight, Tuesday, August 30, 2011**
2 credit hour (0.2 CEU) ACPE UAN: 0013-0000-10-009-H04-P

**Workshop 3: Wednesday, August 31, 2011 4-6:30 pm**
Dinner provided 5:00-5:30 p.m.
2 credit hours (0.2 CEU) ACPE UPN: 0013-0000-10-010-L04-P

**Precepting & Mentoring**

**Home-Study Program 4 - due by midnight, Tuesday, September 13, 2011**
1 credit hour (0.1 CEU) ACPE UPN: 013-0000-10-011-H04-P

**Workshop 4: Wednesday, September 14, 2011 4-6:30 pm**
Dinner provided 5:00-5:30 p.m.
2 credit hours (0.2 CEU) ACPE UPN: 013-0000-10-012-L04-P

**Academia 101**

**Home-Study Program 5- due by midnight, Tuesday, November 29, 2011**
2 credit hour (0.2 CEU) ACPE UPN: 013-000-10-013-H04-P

**Wednesday, November 30, 2011 4-6:30 p.m.**
Dinner provided 5:00-5:30 p.m.
2 credit hours (0.2 CEU) ACPE UPN: 013-000-10-014-L04-P

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American Council for Pharmaceutical Education Practice-Based Program

Mercer University College of Pharmacy and Health Sciences is accredited by the American Council for Pharmaceutical Education as a provider of continuing pharmacy education. This program is approved for 15 hours of practice-based continuing pharmacy education. Mercer COPHS reserves the right to withhold or deny a certificate if participants do not complete any of the assigned tasks listed.
above. Participants are also required to complete program evaluations and pre and post assessment tests. The target audience for this program is Atlanta-Area Pharmacy Residents and Fellows. The program is being made available free of charge. There is no commercial sponsor.

References

2. ASHP Accreditation Standards for Postgraduate Year Two (PGY2) Pharmacy Residency Programs. Available at: http://www.ashp.org/Import/ACCREDITATION/ResidencyAccreditation/RegulationsStandards.asp