

Yale New Haven Health Department of Pharmacy Pharmacy Residency Program Residency Graduation Requirements

Original Date Approved/Date Effective: 5/17

Revised: 11/22

Approved by: Residency Advisory Board

Residents must complete each of the following requirements in order to successfully graduate from the respective residency program. Please select the link for your program to review the program-specific graduation requirements.

[PGY1 Pharmacy](#)

[PGY1 Community-based](#)

[PGY1/2 Health-System Pharmacy Administration and Leadership with Masters](#)

[PGY2 Health-System Pharmacy Administration and Leadership](#)

[PGY2 Ambulatory Care](#)

[PGY2 Cardiology](#)

[PGY2 Critical Care](#)

[PGY2 Emergency Medicine](#)

[PGY2 Infectious Diseases](#)

[PGY2 Internal Medicine](#)

[PGY2 Investigational Drugs and Research](#)

[PGY2 Medication Use Safety and Policy](#)

[PGY2 Oncology](#)

[PGY2 Pediatrics](#)

[PGY2 Psychiatry](#)

[PGY2 Solid Organ Transplant](#)

PGY1 Requirements for Successful Graduation:

1. Educational checklist complete
 - a. Pharmacy Grand Rounds
 - b. Clinical Case Conference
 - c. In-service (at least 2 to 2 different audiences)
 - d. Community Service (2 events)
 - e. Journal Clubs (4)
 - f. Monograph, Policy or Guideline
 - g. Medication Use Evaluation
 - h. Manuscript (see below)
2. Portfolio complete (completed documents for each checklist item uploaded to resident portfolio)
3. Longitudinal project completed
4. Poster presentation at a meeting such as Midyear Meeting and a platform presentation at a meeting such as ESRC
5. Achieved at least 80% of ASHP residency objectives (Preceptor marked as "achieved" on at least two occasions or other documentation demonstrating achievement of the objective as evaluated by the RPC/RPD)
6. Manuscript suitable for publication (Complete manuscript incorporating at least two rounds of preceptor feedback)
7. Compliant with all pharmacist mandatory requirements (e.g. current pharmacist license in good standing on file, completion of all mandatory training)

PGY1 Community-based Requirements for Successful Graduation:

1. Educational checklist complete
 - a. Pharmacy Grand Rounds
 - b. Clinical Case Conference (1)
 - c. In-service (at least 2 to 2 different audiences)
 - d. Community Service (2)
 - e. Journal Club (2)
 - f. Business plan (1)
 - g. Collaborative practice agreement, standing order or implementation process for a state-based protocol (1)
 - h. Active participation in the activities of a national, state and/or local professional association
 - i. Quality Improvement Project (1)
 - j. Manuscript (see below)
 - k. Precept at least one student
2. Portfolio complete (completed documents for each checklist item uploaded to resident portfolio)
3. Longitudinal practice-based research project that is presented orally and in writing (manuscript), a final project report Poster presentation at a meeting such as ASHP Midyear Meeting and a platform presentation at a meeting such as Eastern State Residency Conference (ESRC)
4. Manuscript suitable for publication (Complete manuscript incorporating at least two rounds of preceptor feedback)
5. Achieved at least 80% of ASHP residency objectives (Preceptor marked as "achieved" on at least two occasions or other documentation demonstrating achievement of the objective as evaluated by the RPC/RPD)
6. Compliant with all pharmacist mandatory requirements (e.g. current pharmacist license in good standing on file, completion of all mandatory training)

PGY2 Health System Pharmacy Administration and Leadership Requirements for Successful Graduation:

1. Program Deliverables
 - Lead a root cause analysis, gap analysis, or other safety assessments based on a significant patient safety event.
 - Participate in the monitoring of financial performance and explanation of variances
 - Use knowledge of the organization's customary practice to write or revise a job description for a pharmacy position.
 - Participate in recruitment and hiring for a particular pharmacy position.
 - Compose and deliver an employee's performance appraisal.
 - Participate in the organization's progressive discipline process or participate in a progressive discipline case or scenario, if not available.
 - Create a professional development plan with the goal of improving the quality of one's own performance through self-assessment and personal change.
 - Contribute to the development of a business plan for a new or enhanced pharmacy service or program.
 - Effectively develop and present, orally and in writing, a final project or research report suitable for publication at a local, regional, or national conference (the presentation may be virtual).
2. Portfolio complete (Completed documents for each checklist item uploaded to resident portfolio)
3. Achieved at least 80% of ASHP residency objectives (Preceptor marked as "achieved" on at least one occasion or other documentation demonstrating achievement of the objective as evaluated by the RPC/RPD)
4. Manuscript suitable for publication (Complete manuscript incorporating at least two rounds of preceptor feedback)
5. Compliant with all pharmacist mandatory requirements (e.g. current pharmacist license in good standing on file, completion of all mandatory training)

PGY2 Ambulatory Care Requirements for Successful Graduation:

1. Educational checklist complete
 - a. Pharmacy Grand Rounds
 - b. Clinical Case Conference
 - c. Nursing or clinic staff in-services (2)
 - d. Physician or pharmacist in-service or newsletter article (2)
 - e. Community Service (4 events)
 - f. Ambulatory protocol (workflow, scope of practice, collaborative practice agreement, or clinical practice protocol)
 - g. Ambulatory service business plan
 - h. Cost-management project
 - i. Manuscript (see below)
 - j. Submit research project for presentation at national or regional meeting
2. Portfolio complete (Completed documents for each checklist item uploaded to resident portfolio)
3. Cost management and longitudinal project completed
4. Achieved at least 80% of ASHP residency objectives and 100% of objectives for Competency R1 Patient Care (Preceptor marked as "achieved" on at least two occasions or other documentation demonstrating achievement of the objective as evaluated by the RPC/RPD)
5. Manuscript suitable for publication (Complete manuscript incorporating at least two rounds of preceptor feedback)
6. Compliant with all pharmacist mandatory requirements (e.g. current pharmacist license in good standing on file, completion of all mandatory training)

PGY2 Cardiology Requirements for Successful Graduation:

- Educational Presentation/Publications Checklist complete
 - Clinical case conference (1: 20 – 25 minutes)
 - Pharmacy Grand Rounds presentation (1: 1 hour)
 - University level lecture (1)
 - Journal clubs (4)
 - Nursing in-services (2)
 - Physician in-services (2)
 - Community service (2)
 - Submit an abstract and present a project at a state, regional, or national meeting (1)
- Medication Use Evaluation completed
- Longitudinal project completed
- Manuscript suitable for publication
 - Complete manuscript incorporating at least two rounds of preceptor feedback
- All required patient experiences and topic discussions (*as designated in the APPENDIX of the ASHP PGY2 Cardiology Pharmacy competency areas, goals, and objectives guideline*), are complete and uploaded to the residents PharmAcademic profile under “Appendix”.
- Achieved at least 80% of ASHP residency objectives
 - The following critical objectives **MUST** be achieved for residency for successful graduation: all of R1.1, R2.1.1, R2.2.2, R2.2.3, R2.2.4, R2.2.6, R2.2.7, all of R4, all of R5
 - All objectives must be evaluated as achieved twice (must be two different preceptors) in order to be marked as achieved for residency (ACHR)
 - For any objectives that is only evaluated once, the RPD/RPC and RAC will determine if the objective can be marked as achieved for residency
- All PGY2 Cardiology Requirements for graduation are uploaded to residents PharmAcademic profile under “Files”
- Successful completion of all staffing and on-call requirements as outlined in the Residency Handbook
- Successful completion of Advanced Cardiovascular Life Support (ACLS) and Basic Life Support (BLS) Certifications
- Compliant with all pharmacist mandatory requirements (i.e. current pharmacist license in good standing on file, completion of all mandatory training)

PGY2 Critical Care Requirements for Successful Graduation:

1. Educational Presentation/Publications Checklist complete
 - a. Clinical case conference (1: 20 – 25 minutes)
 - b. Pharmacy Grand Rounds presentation (1: 1 hour)
 - c. University level lecture (1)
 - d. Journal clubs (4)
 - e. Nursing in-services (2)
 - f. Physician in-services (2)
 - g. Submit an abstract and present a project at a state or national meeting
 - h. Department publication (i.e. Weekly Submission: 1)
 - i. Medication Use Evaluation or cost management project (1)
 - j. Longitudinal medication safety or quality improvement project (1)
 - k. Community service (1)
2. Portfolio complete (Completed documents for each checklist item uploaded to resident portfolio)
3. Cost management and longitudinal project completed
4. Achieved at least 80% of ASHP residency objectives (Preceptor marked as "achieved" on at least two occasions or other documentation demonstrating achievement of the objective as evaluated by the RPC/RPD)
5. Manuscript suitable for publication (Complete manuscript incorporating at least two rounds of preceptor feedback)
6. Compliant with all pharmacist mandatory requirements (i.e. current pharmacist license in good standing on file, completion of all mandatory training)

PGY2 Emergency Medicine Requirements for Successful Graduation:

1. Educational checklist completed
 - a. Pharmacy Grand Rounds
 - b. Clinical Case Conference
 - c. Emergency Medicine Resident Lecture
 - d. Emergency Medicine Resident Morning Report (5)
 - e. Journal Club Presentations (4)
 - f. University-Level Didactic Lecture
 - g. Medication Use Evaluation or Cost Management Project (1)
 - h. Longitudinal Medication Safety or Quality Improvement Project (1)
 - i. Manuscript suitable for publication (2)
2. Portfolio completed (Completed documents for each checklist item uploaded to resident portfolio)
3. Achieved at least 80% of ASHP residency objectives (Preceptor marked as "achieved" on at least two occasions or other documentation demonstrating achievement of the objective as evaluated by the RPC/RPD)
4. All required topic discussions completed
5. Manuscripts suitable for publication (complete manuscript incorporating at least two rounds of preceptor feedback)
6. Compliant with all pharmacist mandatory requirements (e.g. current pharmacist license in good standing on file, completion of all mandatory training)
7. ACLS & PALS certification achieved

PGY2 Infectious Disease Requirements for Successful Graduation:

1. Educational checklist complete
 - a. Pharmacy Grand Rounds (1 hour presentation)
 - b. Clinical Case Conference (2: 20 minute presentations)
 - c. Nursing In-services (2)
 - d. Physician In-services (1)
 - e. Pharmacist In-service (1)
 - f. University level didactic lecture at School of Pharmacy or other health professional students (1)
 - g. Community Service (2)
 - h. Landmark Journal Club (2: 1 formal to whole department, 1 informal on rotation)
 - i. Monograph (1)
 - j. Policy, Protocol or Guideline (1)
 - k. Department Bulletin/Publication in Weekly (1)
 - l. Medication Use Evaluation/Cost Management Project (1)
 - m. Manuscript (1) (see below)
2. Portfolio complete (Completed documents for each checklist item uploaded to resident portfolio)
3. Cost management and longitudinal project completed
4. Achieved at least 80% of ASHP residency objectives (Preceptor marked as "achieved" on at least two occasions or other documentation demonstrating achievement of the objective as evaluated by the RPC/RPD)
5. Abstract submission and/or poster or platform presentation at local or national meeting such as ID week, ASM Microbe, Midyear, etc. as approved by RPD
6. Manuscript suitable for publication (Complete manuscript incorporating at least two rounds of preceptor feedback)
6. Compliant with all pharmacist mandatory requirements (e.g. current pharmacist license in good standing on file, completion of all mandatory training)

PGY2 Investigational Drugs and Research

1. Educational checklist complete
 - a. Pharmacy Grand Rounds or Continuing Education (1 hour presentation)
 - b. Nursing/Physician In-services (2)
 - c. Clinical Trials / Investigational Drug In-Service (2)
 - d. Clinical Research or Quality Improvement Project (1)
 - e. Manuscript (1)
 - f. Medication-Use Evaluation (1)
 - g. Contribute to Departmental Planning (1)
 - h. Develop Policy, Protocol or Guideline that contributes to IDS Management (1)
 - i. Budget Design for Clinical Trial (1)
 - j. Develop a Financial Management Plan for IDS Pharmacy (1)
 - k. Use effective written education to disseminate knowledge (1)
 - l. Assess effectiveness of education delivered (1)
2. Portfolio complete (Completed documents for each checklist item uploaded to resident portfolio)
3. Longitudinal project completed
4. Achieved for residency (ACHR) must be satisfied by at least 80% of ASHP residency objectives. ACHR will be satisfied when an objective is marked as achieved on at least two occasions or there is other documentation demonstrating achievement of the objective as evaluated by the RPC/RPD.
5. Manuscript suitable for publication (Complete manuscript incorporating at least two rounds of preceptor feedback)
6. Compliant with all pharmacist mandatory requirements (e.g. current pharmacist license in good standing on file, completion of all mandatory training)

PGY2 Internal Medicine Requirements for Successful Graduation:

1. Educational checklist complete
 - a. Clinical case conference (1: 20 – 25 minutes)
 - b. Pharmacy Grand Rounds presentation (1: 1 hour)
 - c. University level lecture (1)
 - d. Journal clubs (4)
 - e. Nursing in-services (4)
 - f. Physician in-services (4)
 - g. Submit an abstract and present a project at a state or national meeting
 - h. Manuscript appropriate for publication
 - i. Department publication (i.e. Weekly Submission: 1)
 - j. Medication Use Evaluation (1)
 - k. Monograph (1)
 - l. Longitudinal medication safety or quality improvement project (1)
 - m. Community service (2)
2. Portfolio complete (Completed documents for each checklist item uploaded to resident portfolio)
3. Cost management and longitudinal project completed
4. Achieved at least 80% of ASHP residency objectives (Preceptor marked as "achieved" on at least two occasions or other documentation demonstrating achievement of the objective as evaluated by the RPC/RPD)
5. Manuscript suitable for publication (Complete manuscript incorporating at least two rounds of preceptor feedback)
6. Compliant with all pharmacist mandatory requirements (i.e. current pharmacist license in good standing on file, completion of all mandatory training)

PGY2 Medication Use Safety and Policy Requirements for Successful Graduation:

1. Achieved for residency (ACHR) must be satisfied for at least 80% of ASHP residency objectives. ACHR will be satisfied when an objective is marked as achieved on at least two occasions or there is other documentation demonstrating achievement of the objective as evaluated by the RPC/RPD.
2. Completion of all rotation and staffing requirements as noted above
3. Compliance with all pharmacist's mandatory requirements (i.e. current pharmacist license in good standing on file, completion of all mandatory training).
4. Program Deliverables- Completed documents for each checklist item must be uploaded to the resident's portfolio.
 - Develop and deliver Continuing Education, Medication Safety Event Debrief session, or pharmacy grand rounds (1)
 - Develop and deliver Medication Safety/Quality Presentation (1)
 - Conduct major project with presentation at one regional or national conferences, other opportunities to present may be considered (1)
 - Deliver In-services (2)
 - Participate in Community Service (1) (e.g. Vaccine clinic, Refugee clinic)
 - Successfully complete ASHP Medication Safety Certificate program
 - Develop or revise drug monograph, policy, or guideline (1)
 - Successfully complete teaching Certificate Program, if not completed during the PGY1 program
 - Co-Precept Pharmacy APPE student or PGY1 Resident
 - Prepare one manuscript (including two drafts with preceptor feedback). The final (third) version should be in a format suitable for publication.

PGY2 Oncology Requirements for Successful Graduation:

7. Educational checklist complete
 - a. Pharmacy Grand Rounds (1 hour presentation)
 - b. Clinical Case Conference (1: 20 minute presentation)
 - c. Nursing/Physician In-services (2)
 - d. Community Service (1)
 - e. Oncology Discussion Session (assigned presentations)
 - f. Monograph (1)
 - g. Policy, Protocol or Guideline (1)
 - h. Complete a minimum of one major project (Clinical Research Project/Medication Usage Evaluation (1)) that will be presented as a platform or poster presentation at a local, regional or national conference (Ex: Hematology/Oncology Pharmacy Association Annual Conference).
 - i. Administrative Project (1)
 - j. Manuscript (1) (see below)
8. Portfolio complete (Completed documents for each checklist item uploaded to resident portfolio)
9. Longitudinal clinical research project completed
10. Achieved at least 80% of ASHP residency objectives (Preceptor marked as "achieved" on at least two occasions or other documentation demonstrating achievement of the objective as evaluated by the RPC/RPD)
11. Manuscript suitable for publication (Complete manuscript incorporating at least two rounds of preceptor feedback)
12. Compliant with all pharmacist mandatory requirements (e.g. current pharmacist license in good standing on file, completion of all mandatory training)

PGY2 Pediatrics Requirements for Successful Graduation:

- Educational checklist complete (at a minimum)
 - Complete one major research or quality improvement project that will be presented as a platform presentation at the Pediatric Pharmacy Association annual meeting
 - Clinical Case Conferences (2)
 - Grand Rounds Presentation (1)
 - Nursing In-service (1)
 - Physician In-service (2)
 - Pharmacy In-service (1)
 - University level didactic pharmacology lecture to health professions students (1)
 - Journal clubs (4)
 - Drug monograph (1)
 - Formulary class review (1)
 - Medication-use evaluation (1)
 - CPOE optimization request (1)
 - PALS certification (if not already certified)
 - Manuscript (see below)
 - Career-related community service (1)
 - Participation in longitudinal manager-on-call program
 - Participation in longitudinal pediatric medical student calculations workshop
 - Participation in pediatric pharmacy education series
 - Portfolio complete (Completed documents for each checklist item uploaded to resident portfolio)
 - MUE/Cost-management (including CPOE optimization) and longitudinal research/quality improvement project completed
 - Achieved at least 80% of ASHP residency objectives (Preceptor marked as "achieved" on at least two occasions or other documentation demonstrating achievement of the objective as evaluated by the RPC/RPD)
 - Manuscript suitable for publication (Complete manuscript incorporating at least two rounds of preceptor feedback)
 - Compliant with all pharmacist mandatory requirements (e.g. current pharmacist license in good standing on file, completion of all mandatory training)

PGY2 Psychiatry Requirements for Successful Graduation:

1. Educational checklist complete
 - a. Pharmacy Grand Rounds/CE (1 hour presentation)
 - b. Clinical Case Conference (1 20 minute presentation)
 - c. Nursing and Physician In-services (minimum 5)
 - d. Community Service (minimum 2 events)
 - e. Journal Club presentations (4, including (1) Landmark Journal club forum)
 - f. Co-precept (1) APPE student or PGY-1 resident
 - g. Prepare/revise class review, monograph, policy, protocol or guideline (1) with EPIC Ticket where needed
 - h. Quality improvement or research project (1)
 - i. Medication Use Evaluation/cost savings project (1)
 - j. Manuscript suitable for publication (incorporating at least two rounds of preceptor feedback)
 - k. Provide end-of-year residency feedback
2. Portfolio complete (completed documents for each checklist item uploaded to resident portfolio)
3. Achieved at least 80% of ASHP residency objectives pPreceptor marked as "achieved" on at least two occasions or other documentation demonstrating achievement of the objective as evaluated by the RPC/RPD
4. Compliant with all pharmacist mandatory requirements (e.g. current pharmacist license in good standing on file, completion of all mandatory training)

PGY2 Solid Organ Transplant Requirements for Successful Graduation:

1. Educational checklist complete
 - a. One hour pharmacy grand rounds or ACPE accredited lecture (1)
 - b. Clinical case conference (2)
 - c. Nursing inservices (2)
 - d. Physician inservices (2)
 - e. Lecture at school of pharmacy (1)
 - f. Career related community service (2)
 - g. Contribution to Pharmacy Department Bulletin (1)
 - h. Epic Tickets (2)
 - i. P&T monograph, class review or Protocol creation or update (1)
 - j. Medication Use Evaluation (1)
 - k. Transplant Quality Assurance Process Improvement presentation (1)
 - l. Review of manuscripts submitted for peer review (2)
 - m. Poster or platform related to transplant at a meeting (1)
2. Portfolio complete (Completed documents for each checklist item uploaded to resident portfolio)
3. Cost management and longitudinal project completed
4. Achieved at least 80% of ASHP residency objectives (Preceptor marked as "achieved" on at least two occasions or other documentation demonstrating achievement of the objective as evaluated by the RPC/RPD)
5. Manuscript suitable for publication (Complete manuscript incorporating at least two rounds of preceptor feedback)
6. Compliant with all pharmacist mandatory requirements (e.g. current pharmacist license in good standing on file, completion of all mandatory training)