

<b>Policy Title:</b> Pharmacy Resident Requirements for Certificate	<b>Version Number:</b> 5.0
<b>Search Words:</b> Pharmacy, Resident, Requirements, Certificate	
<b>Approved By Signature below:</b>	<b>Date:</b> July 2020, January 2021, January 2022, November 2023, April 2024, June 2024, December 2024, July 2025
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**Purpose:**

Define the guidelines for pharmacy resident certificates and expectations for completion of the program and certificate obtainment.

**Applies to:**

All pharmacy residents within the Inova Health System (IHS). This applies to both Post Graduate Year 1 and 2 (PGY1&2) residency programs.

**Definitions:**

Certificate – refers to graduation certificate for successful completion of the requirements for the program.

**Policy Description:**

Required elements for completion of the residency program and award of graduation certificate include the following:

1. The resident must complete 52 weeks of full-time (minimum 40 hours/week) work as required by ASHP standards. The program typically begins in July and is completed the following year.
2. The resident is expected to fulfill all staffing requirements (see program specific Addendum).
3. The resident must complete the required goals and objectives as defined by the residency program (see program specific Addendum)
  - a. Where mentioned “achieved for residency” is defined as:
    - i. A score of 4 or greater on  $\geq 2$  occasions for objectives evaluated  $\geq 4$  times in the residency year

- ii. A score of 3 or greater on at least 1 occasion for objectives evaluated  $\leq 3$  times in the residency year
- 4. The resident must successfully complete the core presentations and projects of the program and achieve the required evaluation standards (see program specific Addendum).
- 5. The resident must upload all final documents from core presentations and projects in PharmAcademic under the “Files” tab or appropriate alternative.
- 6. For PGY2 programs, the resident must demonstrate an understanding of all topics listed in the ASHP Required Competency Areas, Goals, and Objectives Appendix for their respective specialty via documentation of direct/indirect patient care experiences
- 7. Completion of evaluation process and all necessary forms that are required; including but not limited to, PharmAcademic evaluations and quarterly development plans.
- 8. The resident must attend the American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting and participate in the residency showcase booth and/or Personal Placement Services (PPS) for their respective program.
- 9. The resident must participate in the recruitment and selection process for the following residency class, including, but not limited to, participation with candidate interviews and onsite visits.

All decisions regarding resident advancement through rotations and ultimately graduation from the program will be determined by the Residency Advisory Committee (RAC).

Requirements for successful completion of the residency program are subject to change based on accreditation requirements, departmental initiatives, and extenuating circumstances.



### Addendum A. Inova Alexandria PGY1 Pharmacy Residency Program

Required Element	Completion Standard
Staffing	(2) 8-hour shifts every 2 <sup>nd</sup> or 3 <sup>rd</sup> weekend (272 hours/year) (1) 8-hour shift on one major and one minor holiday (additional 16 hours)
Certifications	<ul style="list-style-type: none"><li>• Basic Life Support, Advanced Cardiovascular Life Support</li></ul>
ASHP competency areas R1, R2, R3, R4	Residents must have the following marked as achieved for residency: <ul style="list-style-type: none"><li>• 80% of objectives related to goal R1.1 and 1.2</li><li>• 100% of remaining goals/objectives</li><li>• </li></ul>
Core Presentations & Projects	These include a journal club (1), case presentation (1), formulary monograph (1), drug class review (1), written education (1), CE presentation (1), medication use evaluation poster presentation (1), and research project platform presentation at regional/national conference and manuscript suitable for publication
ASHP Midyear Clinical Meeting	Resident must attend ASHP Midyear Clinical Meeting and participate in the residency showcase
Recruitment	Resident must participate in the recruitment and selection process for the following residency class including participation with candidate interviews and onsite visits
Teaching/Precepting	Participate in at least 6 VCU Foundations Skills Labs Co-precept at least one APPE student



## **Addendum B. Inova Fairfax Medical Campus PGY1 Pharmacy Residency Program**

<b>Required Element</b>	<b>Completion Standard</b>
Staffing	(2) 8-hour shifts every 3 <sup>rd</sup> weekend (208 hours/year) (1) 4-hour weekday order verification shift every 3 <sup>rd</sup> week (52 hours); AM or PM based on primary learning experience (1) 8-hour shift on one major and one minor holiday (additional 16 hours) (2) 8-hour shifts the day before and day after assigned major holiday (additional 16 hours)
Code Response	Coverage of inpatient adult codes Monday through Friday from 0800 – 1630
Certifications	Basic Life Support, Advanced Cardiovascular Life Support
ASHP competency areas R1, R2, R3, R4	Residents must have the following marked as achieved for residency: <ul style="list-style-type: none"><li>• 80% of objectives related to goal R1.1 and 1.2</li><li>• 100% of remaining goals/objectives</li></ul>
Core Presentations & Projects	These include a journal club (1), case presentation (1), formulary monograph (1), drug class review (1), CE presentation (1), medication use evaluation (1), research project poster presented at ASHP Midyear, research project presentation at regional conference, and manuscript suitable for publication
Teaching/Precepting	Participate in at least 6 VCU Foundations Skills Labs Co-precept at least one APPE student



**Addendum C. Inova Fairfax Medical Campus PGY2 Critical Care Pharmacy Residency Program**

<b>Required Element</b>	<b>Completion Standard</b>
Staffing	(2) 8-hour shifts every 3 <sup>rd</sup> weekend (208 hours/year) (1) 4-hour weekday order verification shift every 3 <sup>rd</sup> week (52 hours); AM or PM based on primary learning experience (1) 8-hour shift on one major and one minor holiday (additional 16 hours) (2) 8-hour shifts the day before and day after assigned major holiday (additional 16 hours)
Certifications	Basic Life Support, Advanced Cardiovascular Life Support, Pediatric Advanced Life Support, Advanced Trauma Life Support (audit), Emergency Neurological Life Support
ASHP competency areas R1, R2, R3, R4	Residents must have the following marked as achieved for residency: All evaluated objectives
Core Presentations & Projects	These include a journal club (1), case presentation (1), formulary monograph or drug class review (1), CE presentation (1), didactic lecture (1), medication use evaluation (1), and research project at regional/national conference and manuscript suitable for publication



**Addendum D. Inova Fairfax Medical Campus PGY2 Emergency Medicine Pharmacy  
Residency Program**

<b>Required Element</b>	<b>Completion Standard</b>
Staffing	(2) 8-hour shifts every 3 <sup>rd</sup> weekend (224 hours/year) (1) 4-hour weekday order verification shift every 3 <sup>rd</sup> week (52 hours); AM or PM based on primary learning experience (1) 8-hour shift on one major and one minor holiday (additional 16 hours)
Certifications	Basic Life Support, Advanced Cardiovascular Life Support, Pediatric Advanced Life Support, Advanced Trauma Life Support (audit), Emergency Neurological Life Support
ASHP competency areas R1, R2, R3, R4, R5, R6	Residents must have the following marked as achieved for residency: All evaluated objectives
Core Presentations & Projects	These include a case-based presentation (1), topic-based presentation (1), 1-hour pharmacist CE presentation (1), medication use evaluation (1), and research project with presentation of results at regional/national conference and completion of a manuscript suitable for publication.

## Addendum E. Inova Health System PGY2 Ambulatory Care Pharmacy Residency Program

Required Element	Completion Standard
ASHP Competency Areas	<p>Residents must have the following marked as achieved for residency:</p> <ul style="list-style-type: none"> <li>• 90% of goals/objectives from Competency Areas R1, R2, R3, and R4</li> <li>• 80% of any additional objectives assigned and evaluated from elective learning experiences</li> </ul>
Core Projects & Presentations	<ul style="list-style-type: none"> <li>• Continuing Education (CE) Presentation (1)</li> <li>• Formulary Monograph (if assigned)</li> <li>• Clinical Controversy Presentation (1)</li> <li>• Creation or Revision of one ambulatory policy, procedure, or protocol</li> <li>• Research project: <ul style="list-style-type: none"> <li>○ Medication Use Evaluation (1)</li> <li>○ Quality Improvement (QI) or Exempt IRB submission and approval</li> <li>○ Presentation of results at regional or national conference</li> <li>○ Manuscript suitable for publication</li> </ul> </li> </ul>
ASHP Midyear Clinical Meeting	<ul style="list-style-type: none"> <li>• Resident must attend ASHP Midyear Clinical Meeting and participate in the residency showcase</li> </ul>
Recruitment	<ul style="list-style-type: none"> <li>• Resident must participate in the recruitment and selection process for the following residency class including participation with candidate interviews and onsite visits</li> </ul>
Precepting	<ul style="list-style-type: none"> <li>• Resident must co-precept at least one APPE student</li> </ul>



## **Addendum F. Inova Mount Vernon PGY1 Pharmacy Residency Program**

<b>Required Element</b>	<b>Completion Standard</b>
Staffing	(2) 8-hour shifts every 2 <sup>nd</sup> or 3 <sup>rd</sup> weekend (272 hours/year) (1) 8-hour shift on one major and one minor holiday (additional 16 hours)
Certifications	<ul style="list-style-type: none"><li>• Basic Life Support, Advanced Cardiovascular Life Support</li></ul>
ASHP competency areas R1, R2, R3, R4	Residents must have the following marked as achieved for residency: <ul style="list-style-type: none"><li>• 80% of objectives related to goal R1.1 and 1.2</li><li>• 100% of remaining goals/objectives</li><li>•</li></ul>
Core Presentations & Projects	These include a journal club (1), case presentation (1), formulary monograph (1), drug class review (1), written education (1), CE presentation (1), medication use evaluation poster presentation (1), and research project platform presentation at regional/national conference and manuscript suitable for publication
ASHP Midyear Clinical Meeting	Resident must attend ASHP Midyear Clinical Meeting and participate in the residency showcase
Recruitment	Resident must participate in the recruitment and selection process for the following residency class including participation with candidate interviews and onsite visits
Teaching/Precepting	Participate in at least 6 VCU Foundations Skills Labs <ul style="list-style-type: none"><li>• Co-precept at least one APPE student</li></ul>



## Addendum G. Inova Health System PGY2 Medication Use, Safety and Policy Pharmacy Residency Program

Required Element	Completion Standard
Staffing	240 hours/year, approximately every 3 <sup>rd</sup> weekend
On-call	Not required longitudinally
ASHP competency areas R1- R8	Residents must have the following marked as achieved for residency: All evaluated objectives •
Core Presentations & Projects	<p>These include at least one of each of the following:</p> <ul style="list-style-type: none"> <li>• Publishing <ul style="list-style-type: none"> <li>1 case report submission for publication</li> <li>1 manuscript submitted for publication</li> <li>1 Review article on a medication or class submitted for publication</li> </ul> </li> <li>• Teaching <ul style="list-style-type: none"> <li>Continuing Education (CE) 1 hour lecture for Nursing</li> <li>Mentorship of PGY1 resident Continuing Education (CE) 1 hour</li> <li>Mentorship of PGY1 resident research project</li> <li>Primary preceptor minimum of 1 APPE student</li> </ul> </li> <li>• Medication-Use Research <ul style="list-style-type: none"> <li>An MUE</li> <li>Poster or presentation at ASHP Mid-year meeting</li> <li>Poster or presentation at Medication Safety National Conference</li> <li>IRB approved Research Project</li> <li>A Formulary class review</li> </ul> </li> <li>• Committee Participation as evidenced by meeting attendance a minimum of 50% of scheduled meetings: <ul style="list-style-type: none"> <li>System Pharmacy Medication Safety</li> <li>System P&amp;T</li> <li>Regional Opioid Stewardship</li> <li>Mortality Review</li> <li>Safety Review and Quality Meeting</li> </ul> </li> </ul>



## Addendum H. Inova Pharmacy Plus PGY1 Community Residency Program

Required Element	Completion Standard
Staffing	At least 275 hours (typically one day/week, one weekend/month)
On-call	On-call staffing may be required to cover hours when the specialty pharmacy is closed.
Certifications	Basic Life Support, Advanced Cardiovascular Life Support
ASHP competency areas R1- R4	Residents must have the following marked as achieved for residency: <ul style="list-style-type: none"> <li>• 80% of objectives related to goals R1.1 and 1.2</li> <li>• 100% of remaining goals/objectives</li> <li>• </li> </ul>
Core Presentations & Projects	<p>A journal club, case presentation, CE presentation, written education for various audiences</p> <p>A drug class review, monograph, treatment guideline or treatment protocol A project to improve pharmacy practice, improve clinical care, patient safety, healthcare operations or to investigate gaps in knowledge related to patient care</p> <p>Presentation of the research project at a regional/national conference and the preparation of a manuscript suitable for publication</p>
ASHP Midyear Clinical Meeting	Resident must attend ASHP Midyear Clinical Meeting and participate in the residency showcase
Recruitment	Resident must participate in the recruitment and selection process for the following residency class including participation with candidate interviews and onsite visits
Teaching/Precepting	Co-precept at least one APPE student
Additional Requirements	See the Inova Pharmacy Plus PGY1 Community Residency Manual for any additional requirements