

Pharmacy Residency Programs



Table of Contents

Postgraduate Training Programs	3
Residency Overview	3

Cleveland Clinic Main Campus

Residency Program	Number of Residents	Page
PGY-1 Pharmacy	6	5
PGY-1 Community Pharmacy	1	5
PGY-1/2 Health-System Pharmacy Administration and Leadership/MS	4	6
PGY-1/2 Pharmacotherapy	2	6
PGY-2 Ambulatory Care	2	7
PGY-2 Cardiology	1	7
PGY-2 Critical Care	2	8
PGY-2 Emergency Medicine	1	8
PGY-2 Infectious Diseases	1	9
PGY-2 Medication-Use Safety and Policy	1	9
PGY-2 Oncology	2	10
PGY-2 Pediatric Pharmacy	1	10
PGY-2 Pharmacy Informatics	1	11
PGY-2 Solid Organ Transplant	1	11

Ohio Regional Hospitals

Residency Program	Number of Residents	Page
Akron General		13
PGY-1 Pharmacy	6	14
PGY-1/2 Health-System Pharmacy Administration and Leadership/MS	2	15
PGY-2 Critical Care	2	15
Avon Hospital		16
PGY-1 Pharmacy	1	16
Euclid Hospital		17
PGY-1 Pharmacy	2	17
Fairview Hospital		18
PGY-1 Pharmacy	4	18
PGY-2 Emergency Medicine	1	19
Hillcrest Hospital		20
PGY-1 Pharmacy	2	20
PGY-2 Critical Care	1	21
Marymount Hospital		22
PGY-1 Pharmacy	2	22
Medina Hospital		23
PGY-1 Pharmacy	3	23
South Pointe Hospital		24
PGY-1 Pharmacy	2	24

Florida Regional Hospitals

Residency Program	Number of Residents	Page
Indian River		26
PGY-1 Pharmacy	2	26
Martin Health		27
PGY-1 Pharmacy	3	27
Weston		28
PGY-1 Pharmacy	3	28
Application Requirements		30

Postgraduate Training Programs

Cleveland Clinic is comprised of a 1,400-bed academic medical center and 17 additional hospitals, including 5 in Southeast Florida. In total, there are nearly 6,000 inpatient beds and over 1,400 pharmacy employees, more than 300 physician practices, 20 ambulatory pharmacies, significant inpatient and outpatient clinical services and a pharmacy budget exceeding \$1 billion.

At the Main Campus, we offer 14 distinct PGY-1 and PGY-2 pharmacy residency programs, and at our Regional Community Hospitals (Florida and Ohio), we offer nine PGY-1 programs, one PGY-1/2 Health-System Pharmacy Administration program, two PGY-2 Critical Care programs and one PGY-2 Emergency Medicine.

Residency Overview

Our residency programs provide education and training with a primary emphasis on the development of practice skills in a number of specialized pharmacy practice areas. Throughout the year, residents are involved in a variety of service, education, and research activities.

During this training, residents learn to conduct patient care activities using a consistent approach that reflects the philosophy of pharmacy care across the continuum. In addition to clinical activities, residents are involved in educational programs, including pharmacy conferences, journal clubs and a seminar presentation. Other teaching opportunities include medical and nursing in-services, as well as co-precepting students from colleges of pharmacy. Research skills are developed through experience and enhanced by instruction as residents complete a research project and/or drug use evaluation. Residents attend the ASHP Midyear Clinical Meeting, a Residency Conference, and have the opportunity to attend and participate in other state and local conferences.

For more information about the residency programs at Cleveland Clinic Main Campus, visit <http://my.clevelandclinic.org/pharmacy/education/pharmacyresidency.programs>.



Cleveland Clinic Main Campus

Cleveland Clinic has been named the No. 4 hospital in the United States by *U.S. News & World Report*. This is the 21st consecutive year that Cleveland Clinic has been among the Top 5 hospitals. The 2019-2020 “Best Hospitals” rankings also named Cleveland Clinic the No. 1 heart hospital in the country for the 25th consecutive year. Statewide and regionally, Cleveland Clinic ranked No. 1 in Ohio and the Cleveland area.

Cleveland Clinic is nationally ranked in 15 specialties, including 6 in the Top 5 nationwide.

The rankings are:

- Cancer No. 6
- Cardiology & Heart Surgery No. 1
- Diabetes & Endocrinology No. 13
- Ear, Nose & Throat No. 27
- Gastroenterology & GI Surgery No. 4
- Geriatrics No. 8
- Gynecology No. 3
- Nephrology No. 4
- Neurology & Neurosurgery No. 10
- Ophthalmology No. 10
- Orthopedics No. 17
- Pulmonology No. 7
- Psychiatry No. 11
- Rheumatology No. 2
- Urology No. 4 (tie)

In June, U.S. News released rankings for children’s hospitals. Cleveland Clinic Children’s received national recognition in 9 out of 10 pediatric specialties.



Pharmacy Residency (PGY-1)

The Pharmacy Residency (PGY-1) is a one-year program designed to provide a foundation of diverse experiences in pharmaceutical care as well as in health-system pharmacy practice.

The residency program builds on Doctor of Pharmacy (PharmD) education and outcomes to contribute to the development of clinical pharmacists responsible for medication-related care of patients with a wide range of conditions, eligible for board certification, and eligible for postgraduate year two (PGY-2) pharmacy residency training. The resident receives extensive training and experience in all areas of hospital pharmacy practice. The residency is designed to expand the skills and knowledge necessary for direct patient care. The program offers a variety of opportunities for the resident to develop critical thinking, communication, and leadership skills necessary to optimize patient care outcomes.

Required rotations include acute care, critical care, drug information, medication safety, and practice management. Residents are able to individualize their residency through elective rotations such as infectious diseases, cardiology, oncology, transplant, and ambulatory care. Additional activities include presentations at education conferences, completion of a research project, participation in hospital committees and pharmacy student education. Inpatient staffing is required every other weekend throughout the year. Residents also participate in an on-call program.

CONTACT

Pharmacy Residency (PGY-1) Director

Jennifer Sekeres, PharmD, BCPS (AQ-ID)

Cleveland Clinic Department of Pharmacy

9500 Euclid Ave. HB 105, Cleveland, Ohio 44195

email: sekerej@ccf.org



Community Pharmacy Residency (PGY-1)

The Community Pharmacy Residency (PGY-1) is a one-year program designed to provide diverse experiences in pharmaceutical care in the community practice setting.

This program builds upon the Doctor of Pharmacy (PharmD) education and outcomes to develop community-based pharmacist practitioners with diverse patient care, leadership, and education skills who are eligible to pursue advanced training opportunities including postgraduate year two (PGY2) residencies and professional certifications. The program offers advanced training in optimizing the care of diverse patient populations as they transition from a health system setting. Graduates of the program are prepared to provide advanced patient care services in the community pharmacy with independent, chain, and integrated health systems pharmacies. Completion of the teaching certificate program through Northeast Ohio Medical University (NEOMED) qualifies the residency graduate for positions in shared faculty/academia.

Required learning experiences include ambulatory leadership, managed care/employee health plan, drug information, community pharmacy, advanced community pharmacy, anticoagulation, specialty pharmacy, primary care, transitional care management, and HIV ambulatory care clinic. Residents participate in a weekend staffing rotation and must work one major and one minor holiday.

Presentations are given at various meetings including resident conference and local, state, and national poster presentations.

CONTACT

Community Pharmacy

Residency (PGY-1) Director

Amy Gustafson, PharmD, BCACP

Cleveland Clinic Department of Pharmacy

8701 Darrow Road, Twinsburg, Ohio 44087

email: gustafa@ccf.org



Main Campus

PGY
1
&
2

Health-System Pharmacy Administration and Leadership/MS

The Health-System Pharmacy Administration and Leadership Residency (PGY-1 and PGY-2) and master's degree is a specialized two-year program with the primary objective of developing pharmacy leaders who are trained and prepared to immediately assume managerial positions within large, integrated healthcare delivery systems, leading to Director of Pharmacy positions. The master's degree is in conjunction with Northeast Ohio Medical University (NEOMED). Residents experience training, mentoring and modeling in pharmacy administration and leadership. Residents will have exposure to central pharmacy, sterile products, emergency department, ambulatory, specialty pharmacy, and decentralized clinical services to gain experience with front-line supervision. HSPAL Residents also oversee the pharmacy internship program to gain further experience with direct supervision. In addition to presentations and projects, residents are required to complete a large project and submit a manuscript for publication.

Residents will gain instruction on the provision of safe, appropriate, and cost-effective use of medication across the continuum of care

through the application of knowledge and skills in patient care. Required residency learning experiences include inpatient pharmacy operations, sterile products management, primary care, inpatient med/surg, supply chain, finance, and med safety/drug information. The residents gain knowledge to understand, analyze and manage the changing nature of today's complex medical delivery systems and leadership skills necessary for change management and managing the pharmacy enterprise. Required activities include presentations, coursework, projects, a manuscript, and staffing and management on-call responsibilities.

CONTACT

Health System Pharmacy Administration
and Leadership Residency Director

Scott Knoer, MS, PharmD, FASHP

Cleveland Clinic Department of Pharmacy
9500 Euclid Ave. HB 105, Cleveland, Ohio 44195
email: knoers@ccf.org



PGY
1
&
2

Pharmacotherapy Residency

The Pharmacotherapy Residency (PGY-1 and PGY-2) is a specialized two-year training program designed to develop expert-level competence in pharmacotherapy.

The program instructs the resident on the provision of safe, appropriate, economical use of medication through the application of specialized knowledge, skills and functions in patient care in preparation for becoming a board-certified pharmacotherapy specialist (BCPS). The program's goal is to develop an expert-level practitioner with the necessary knowledge, skills and abilities to thrive as a clinical generalist, specialist, coordinator or faculty member. Rotations are arranged in two-to three-month long clinical blocks that focus on a particular area of pharmacotherapy (e.g., critical care, internal medicine, pediatrics). In the second year, more specialized blocks of clinical rotations and a longitudinal

ambulatory care component are offered to build and enhance competencies acquired during the resident's first year.

Residents also have the opportunity to concentrate on a particular area of pharmacotherapy in the second year. Throughout year 1 and 2, additional requirements include presentations, projects, a manuscript, and inpatient staffing.

CONTACT

Pharmacotherapy Residency Director

Michael A. Militello, PharmD, BCPS

Cleveland Clinic Department of Pharmacy
9500 Euclid Ave. HB 105, Cleveland, Ohio 44195
email: militem@ccf.org



Ambulatory Care Residency

The Cleveland Clinic PGY-2 Ambulatory Care Residency prepares graduates in three areas important for a clinical specialist: clinical practice, precepting, and research. Not only will residents develop the clinical skills to manage complex chronic disease states in a variety of outpatient settings, they will also develop operational skills to initiate and/or expand clinical pharmacy services. Resident graduates will be ready to precept a wide range of learners and be able to conduct research projects from conception to publication.

The PGY2 Ambulatory Care residents will practice within Cleveland Clinic Health-System, including hospital based clinics on the main campus, as well as several non-hospital based clinics within Cleveland Clinic family health centers. The pharmacist-driven ambulatory care clinics utilize consult agreements that allow pharmacists to initiate, discontinue, and modify medications for the disease states delegated by the physician. Required rotations include: primary care, primary care 2, anticoagulation, anticoagulation 2, pharmacy administration. Required specialty

rotations include: diabetes, HIV, heart failure. Residents will select 3 elective rotations from the following list: geriatrics, transplant, rheumatology, diabetes 2, pharmacogenomics, emergency medicine, managed care, specialty pharmacy, and pharmacy administration 2. In addition to completing a research project and drug use evaluation, the resident will present at resident conference, ambulatory care monthly, leadership journal club, and the internal medicine residency lecture series.

CONTACT

Ambulatory Care Residency
Program Director

Giavanna Russo-Alvarez, PharmD, BCACP

Cleveland Clinic Department of Pharmacy
9500 Euclid Ave. G1 110, Cleveland, Ohio 44195
email: russo-g@ccf.org



Cardiology Residency

The Cardiology Residency (PGY-2) is a one-year training program designed to develop an expert-level practitioner with the necessary knowledge, skills and abilities for specialized practice in cardiology.

For the 25th consecutive year, Cleveland Clinic's heart program has ranked as the best in the nation, earning the No. 1 ranking in *U.S. News & World Report's* "2019-2020 Best Hospitals."

The Cardiology Residency program offers a variety of opportunities that allow the resident to develop the clinical skills necessary for acute care cardiology, cardiovascular critical care, and to optimize patient care outcomes. Areas of focus include clinical cardiology, coronary ICU, heart failure/heart transplant, cardiothoracic surgery intensive care unit, and ambulatory cardiovascular care. The resident can choose from a number of elective rotations to build

and enhance competencies. The residency fosters development of an independent practitioner with the ability to thrive in a variety of practice settings. In addition to completing a research project and drug use evaluation, the resident will hone their skills through clinical staffing and presenting in pharmacy education conference and other settings, as well as participation in hospital committees.

CONTACT

Cardiology Residency Director

Katie Greenlee, PharmD, BCPS (AQ-Cardiology), BCCP

Cleveland Clinic Department of Pharmacy
9500 Euclid Ave. HB 105, Cleveland, Ohio 44195
email: greenlk@ccf.org



Critical Care Residency

The Critical Care Residency (PGY-2) is a one-year training program designed to develop an expert-level practitioner with the necessary knowledge, skills, and abilities to thrive as a critical care clinical specialist, clinical faculty member, or to pursue fellowship training in critical care.

The program offers a variety of opportunities that allow the resident to develop the clinical skills necessary for complex intensive care issues and to optimize patient care outcomes. Required rotations include the medical, surgical, cardiac, cardiovascular surgery and neurosciences intensive care units. Elective opportunities in the heart failure, trauma/ burn and pediatric intensive care units, emergency department, infectious diseases consult service, and bone marrow and solid organ transplantation enable residents to integrate their accumulated knowledge and skills to provide comprehensive pharmaceutical care for critically ill patients.

Additional elective opportunities include clinical teaching and outcomes research. The residency fosters development of an independent practitioner with the ability to thrive in a variety of practice settings. In addition to completing a research project and drug use evaluation, the resident will hone their skills through clinical staffing and presenting in both pharmacy education conference and pharmacy critical care journal club settings. Clinical and didactic teaching opportunities are available.

CONTACT

Critical Care Residency Director

Heather Torbic, PharmD, BCPS, BCCCP

Cleveland Clinic Department of Pharmacy

9500 Euclid Ave. HB 105, Cleveland, Ohio 44195

email: torbich@ccf.org



Emergency Medicine Residency

The Emergency Medicine Residency (PGY-2) is a one-year training program designed to develop an expert-level practitioner with the necessary knowledge, skills, and abilities to excel as an emergency medicine clinical specialist.

The program offers a variety of opportunities that allow the resident to develop the clinical skills and aptitude necessary to manage complex emergency medicine issues and optimize patient outcomes. Required experiences consist of a core series of emergency medicine rotations including adult trauma and pediatric emergency medicine, a series of adult critical care rotations in the medical and neurosciences intensive care units, and an infectious diseases rotation. Several elective rotations are offered to further enrich pharmacotherapy knowledge and application, such as experiences in transplant medicine and pediatric critical care as well as additional emergency medicine experiences.

In addition to completing a research project and drug use evaluation, the resident will further refine skills through clinical staffing, presentations at pharmacy education conferences and other venues, and participation in institutional and enterprise emergency medicine committees. Clinical teaching opportunities are also available with pharmacy students, residents, and physicians. The residency program fosters the development of an independent practitioner with the ability to thrive in a variety of emergency medicine practice settings.

CONTACT

Emergency Medicine Residency Director

Matt Campbell, PharmD, BCPS, BCCCP

Cleveland Clinic Department of Pharmacy

9500 Euclid Ave. HB 105, Cleveland, Ohio 44195

email: campbem4@ccf.org



Infectious Diseases Residency

The Infectious Diseases Residency (PGY-2) is a one-year training program designed to provide an opportunity for the resident to develop the necessary skills for specialized practice in infectious diseases.

The program is designed to develop skilled clinical pharmacists to practice as infectious diseases specialists in academic or community hospitals, clinical faculty members or pursue fellowship training. Required rotations consist of infectious diseases (ID) general consult service, endocarditis consult service, bone and joint infection consult service, ID outpatient clinic (including HIV), pediatric ID consults, immunocompromised ID consult service (solid organ transplant, bone marrow transplant, and oncology), and microbiology. The resident can choose from a number of elective rotations to build and enhance competencies.

The resident is involved longitudinally in antimicrobial stewardship and antimicrobial formulary management.

Additional experiences for the resident include a research project, drug use evaluation, and participation in pharmacy education conferences as well as the Department of Infectious Diseases case conference and grand rounds.

CONTACT

Infectious Diseases Residency Director

Kaitlyn Rivard, PharmD, BCPS, BCIDP, AAHIVP

Cleveland Clinic Department of Pharmacy

9500 Euclid Ave. HB 105, Cleveland, Ohio 44195

email: rivardk@ccf.org



Medication-Use Safety and Policy

The Medication-Use Safety and Policy Residency (PGY-2) is a one-year training program designed to provide an opportunity for the resident to develop necessary skills for specialized practice in medication-use systems and policies.

The program offers a variety of opportunities that allow the resident to develop skills in medication safety, drug information, formulary management, and drug-use policy development, while also incorporating aspects of administration and informatics.

Required rotations include medication safety, drug information practice, operations and administration, formulary management and implementation, and informatics. The resident will be involved with medication event reporting and monitoring, drug shortage and recall management, newsletter development and editing, and regulatory compliance. The resident will attend and present at the

Cleveland Clinic Health System Medical Staff P&T Committee and corresponding Formulary Specialty Panels as well as the Cleveland Clinic Local P&T Committee. The resident will participate in journal clubs and pharmacy education conference, conduct a drug use evaluation and a research project, write a manuscript, and present one seminar.

CONTACT

Medication-Use Safety and

Policy Residency Director

Meghan Lehmann, PharmD, BCPS

Cleveland Clinic Department of Pharmacy

9500 Euclid Ave. HB 105, Cleveland, Ohio 44195

email: lehmanm2@ccf.org



Main Campus

PGY
2

Oncology Residency

The Oncology Residency (PGY-2) is a one-year training program designed to provide an opportunity for the resident to develop the necessary skills for specialized practice in oncology pharmacy.

The resident's expertise, knowledge and skills in oncology therapeutics will allow them to contribute to an interdisciplinary healthcare team offering patient-specific therapeutic interventions to treat, cure, rehabilitate, and alleviate medical conditions and diseases unique to cancer patients. The program also enhances proficiency in clinical research and strengthens communication skills.

Required rotations include solid tumor oncology, leukemia, blood and marrow transplantation, pediatric oncology, management/investigational drug services, outpatient oncology, and inpatient lymphoma/myeloma. The resident can choose from a number of

elective rotations to build and enhance competencies. The resident participates in pharmacy education conference, weekly oncology disease state and therapeutics discussions, student lectures and discussions, conducts a research project, conducts a drug use evaluation, presents one seminar, participates in the formulary management process, and is involved in reviewing and validating oncology chemotherapy order sets.

CONTACT

Oncology Residency Director

Caitlin Siebenaller, PharmD, BCOP

Cleveland Clinic Department of Pharmacy

9500 Euclid Ave. HB 105, Cleveland, Ohio 44195

email: siebenc@ccf.org



PGY
2

Pediatric Pharmacy Residency (PGY-2)

The PGY-2 Pediatric Residency is a one-year training program designed to provide our resident with the experience needed to practice as a highly-skilled clinical pharmacist in the pediatric setting. Our residents train under the supervision of experienced clinical pharmacists in the care of infants, toddlers, children and adolescents. Our program is focused on direct patient care, practice management, and education of healthcare providers, patients and caregivers.

Cleveland Clinic Children's is a 120 bed hospital that consistently ranks as a national leader in pediatric clinical care by *U.S. News & World Report's* "Best Children's Hospitals". It is part of the Cleveland Clinic Health System and is a non-freestanding children's hospital that resides on the Cleveland Clinic Main Campus.

PGY-2 Pediatric Pharmacy Residents will be exposed to a broad range of experiences and activities intended to build the skills necessary to practice independently. Areas of focus include general pediatrics, pediatric intensive care, and neonatology, with additional

experiences in pediatric infectious diseases, hematology/oncology and cardiology. The resident can choose from a number of elective rotations to build and enhance competencies. In addition, the resident will conduct a year-long research project and present the results at the PPAG annual conference as well as prepare a manuscript for publication. Presentation skills will be enhanced by giving formal presentations throughout the year. Additional requirements are participation in hospital committees and inpatient staffing in the pediatric pharmacy satellite.

CONTACT

Pediatric Residency Director

Jessica Hoover, PharmD, BCPPS

Cleveland Clinic, Department of Pharmacy

9500 Euclid Ave. HB 105, Cleveland, Ohio 44195

email: hooverj4@ccf.org



Pharmacy Informatics Residency

The Pharmacy Informatics Residency (PGY-2) is a one-year training program designed to provide both experiential and didactic informatics experiences to prepare a pharmacist for a career in medical informatics.

The program offers a wide variety of projects involving implementation or optimization of features in an electronic health record and medication-use processes used by a multi-hospital health-system. Additionally, with many different types of automation in place across the health-system, opportunities are available for experience with automated dispensing systems, automated carousels, pharmacy robotics, and pharmacy workflow and inventory management systems. Required rotations will include Automation and Technology, Orders Management, Reporting and Analytics, Clinical Decision Support, Informatics Theory, and Informatics Leadership. Elective opportunities are available in specialty-focused areas such as Oncology Informatics, Ambulatory Informatics, Antimicrobial Stewardship, and Order Set Management. The resident will also

lead a longitudinal research project which will involve implementing a new technology, or improving upon an existing technology, in the electronic health record or medication-use system. The Pharmacy Informatics Residency also provides the opportunity to earn a credential in the use of the medication management application in the electronic health record. The resident will participate in several multidisciplinary committees to observe and contribute to the decision making and change management processes currently in place at Cleveland Clinic. The resident will also have the opportunity to participate in journal clubs and pharmacy education conferences.

CONTACT

Pharmacy Informatics Residency Director

Marc Willner, PharmD, CPHIMS

Cleveland Clinic Department of Pharmacy

9500 Euclid Ave. JN1 200, Cleveland, Ohio 44195

email: willnem@ccf.org



Solid Organ Transplant Residency

The PGY-2 Solid Organ Transplant residency is a one-year training program that builds on Doctor of Pharmacy education and PGY-1 pharmacy residency training to contribute to the development of clinical pharmacists in solid organ transplantation.

The Solid Organ Transplant residency provides residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care or other advanced practice settings. Residents who successfully complete an accredited PGY2 Solid Organ Transplant pharmacy residency are prepared for advanced patient care, academic, or other specialized positions.

Required rotations consist of kidney, liver, heart, and lung transplant, transplant ambulatory care, and immunocompromised infectious diseases. The resident can choose from a number of elective rotations to build and enhance competencies. Additional experiences for the resident include a research project, drug use evaluation, and participation in pharmacy education conferences.

CONTACT

Solid Organ Transplant Residency Director

Jessica Bollinger, PharmD, BCPS

Cleveland Clinic Department of Pharmacy

9500 Euclid Ave. HB 105, Cleveland, Ohio 44195

email: bollinj@ccf.org



Ohio Regional Hospitals



Cleveland Clinic Akron General

Cleveland Clinic Akron General is a 532-bed adult, tertiary care, Level I Trauma center that has been serving the healthcare and wellness needs of Akron and the surrounding communities for over 100 years. Additionally, Cleveland Clinic Akron General has regional referral centers in Cardiology, Cancer, and Orthopedics. As a major teaching hospital, Cleveland Clinic Akron General trains future physicians and pharmacists through 14 high-quality medical and pharmacy residency programs. Cleveland Clinic Akron General was nationally ranked in one adult specialty and identified as one of the 2019-2020 “Best Hospitals” in Ohio by *U.S. News & World Report*.

The Department of Pharmacy at Cleveland Clinic Akron General employs more than 80 pharmacists, residents, pharmacy interns, technicians, and other support personnel whose primary goal is to provide excellent patient care. The pharmacy provides services at Cleveland Clinic Akron General, the McDowell Cancer Center, the Visiting Nurse Services Hospice Care Center, an Ambulatory Care Center, Lodi Community Hospital, Edwin Shaw Rehabilitation Hospital, and three free standing emergency departments and infusion centers. Patient care areas at Cleveland Clinic Akron General are served by a central pharmacy and satellites in the coronary care unit, medical and surgical intensive care units, and operating room. Distributive services are supported by Swisslog PillPick® and BoxPicker® automated packing, storage, and dispensing systems.

The pharmacy provides clinical services with clinical specialists in the areas of internal medicine, family practice, endocrinology, pain management, palliative care, surgical intensive care, medical intensive care, neurologic intensive care, cardiovascular intensive care, infectious diseases, emergency medicine, psychiatric medicine, hematology/oncology, and quality improvement. Clinical services are also provided through a medication concierge service, heart failure discharge medication reconciliation and education service, transitions of care, and diabetes needs assessments. Additionally, the pharmacy is very involved in teaching serving as an Advanced and Introductory Pharmacy Practice Experience training site for several colleges of pharmacy.



Pharmacy Residency

The Pharmacy Residency (PGY-1) is a one-year postgraduate training program that provides training in a variety of areas of pharmacy practice. Emphasis is placed on the development of clinical skills through direct interaction with patients, physicians, nurses, and other healthcare providers. Graduates will be prepared for a successful career in multiple adult acute care settings, ambulatory care, or further training in a PGY-2 residency program. Pharmacists completing this residency will be competent and confident practitioners of direct patient care in multiple environments, equipped to meet the challenges of current and future pharmacy practice. Residents will be accountable for achieving optimal drug therapy outcomes as members of the health care team.

These pharmacists will exercise skill in educating other health care professionals, students, patients, and the community on drug-related topics. Residents will demonstrate a high level of professionalism by following a personal philosophy of independent practice, monitoring their own performance, and will contribute to the profession.

Residents will gain experience in a variety of core practice areas including: internal medicine, emergency medicine, family practice, critical care, infectious diseases, anticoagulation clinic, diabetes clinic, quality improvement/medication safety, pharmacy practice management, transitions of care, and research. Elective experiential opportunities include: neurologic intensive care, cardio-vascular intensive care, surgical intensive care, medical intensive care, pain management, and hematology/oncology. Residents will gain experience teaching by serving as the primary preceptor for at least one pharmacy student and completing either the teaching certificate program offered by Northeast Ohio Medical University (NEOMED) or a leadership certificate offered through Cleveland Clinic. Residents will also

provide continuing education programs for the pharmacy staff, lead at least one Morbidity and Mortality conference, and provide community service by delivering medication education sessions to cardiac rehabilitation patients.

Residents will work every other weekend throughout the year which includes rotating between staffing and the High-risk Patient – Clinical Generalist model.

Additionally, the resident will develop and complete an original research project. The project will be presented at a variety of local, regional, and national professional conferences, including ASHP Midyear Clinical Meeting and the Ohio Pharmacy Residency Conference, and a manuscript of publishable quality will be prepared.

CONTACT

Pharmacy Residency (PGY-1) Director

Lawrence A. Frazee, PharmD, BCPS

Cleveland Clinic Akron General

Department of Pharmacy

1 Akron General Ave., Akron, Ohio 44307

email: frazeeL@ccf.org



Health-System Pharmacy Administration and Leadership Residency/MS (PGY1/2)

Upon completion of the 24-month combined Pharmacy Residency Program in Health-System Pharmacy Administration and Leadership (HSPAL) with a Master of Science Degree at Cleveland Clinic Akron General the resident will possess clinical competence in administrative, financial, medication safety, and leadership skills related to health-system administration and leadership enabling them to manage complex health-system pharmacy departments. The didactic Master level classes will be completed through Northeastern Ohio Medical University (NEOMED) and Kent State University. Residents completing the HSPAL residency at Akron General will be trained to begin their careers in a wide variety of managerial positions.

During the first 12-months of the HSPAL residency, the resident will complete all the same requirements as the Pharmacy Residency (PGY-1) residents allowing the resident to gain a solid clinical foundation. The second 12-months of the HSPAL residency the

resident will become a member of the Pharmacy Management team gaining skills in pharmacy leadership, medication safety, clinical operations, operations, procurement and support services, and technology operations. The HSPAL resident will also have required rotations in the Cleveland Clinic Health System (CCHS). The HSPAL resident will also serve as the Chief Pharmacy Resident in the second year of the residency. Additionally, the HSPAL resident will complete the leadership certificate program through the CCHS pharmacy enterprise during their first year.

CONTACT

Pharmacy Residency Director, HSPAL

Michael R. Hoying, RPh, MS

Cleveland Clinic Akron General

Department of Pharmacy

1 Akron General Ave., Akron, Ohio 44307

email: mihoyi@ccf.org



Critical Care Residency (PGY-2)

The Critical Care Residency (PGY-2) at Akron General is a one-year training program conducted in a variety of settings designed to develop an expert-level critical care practitioner with the necessary knowledge, skills, and abilities to be equipped to face current and future challenges in critical care pharmacy practice. The primary practice areas include the medical, surgical, cardiac, and neuroscience intensive care units, critical care consult rotation, and emergency department. Additional opportunities include infectious disease. The Critical Care Residency offers preceptor training with the Critical Care Resident having the opportunity to precept both pharmacy students and PGY-1 Pharmacy Practice Residents. Elective didactic teaching opportunities are available with Northeastern Ohio Medical University (NEOMED). A teaching certificate is available with

NEOMED if the resident had not acquired one from their PGY-1 residency. The Critical Care Resident will also complete an original research project. The resident will present the research at a variety of local, regional, and national professional conferences and prepare a manuscript of publishable quality.

CONTACT

Critical Care (PGY-2) Director

Michaelia Cucci, PharmD, BCPS, BCCCP

Cleveland Clinic Akron General

Department of Pharmacy

1 Akron General Ave., Akron, Ohio 44307

email: cuccim@ccf.org



Avon Hospital

Avon Hospital opened in November 2016, adjacent to the Richard E. Jacobs Health Center in the western-Cleveland suburb of Avon, Ohio. This 126-bed community hospital is the first Cleveland Clinic regional hospital designed and built to accommodate future advances in medical care. Avon Hospital provides a variety of services to the community including emergency medicine, general and orthopedic surgery, and acute care. In 2019, Avon Hospital was awarded Advanced Certification for Primary Stroke by The Joint Commission and 2019 Healthgrades Outstanding Patient Experience Award. A unique healthcare delivery model allows for around-the-clock bedside coverage utilizing hospitalist physicians and NP/PA providers. The Department of Pharmacy consists of approximately 22 dedicated staff members, and provides 24-hour pharmaceutical services from the inpatient pharmacy with decentralized pharmacist coverage in the emergency department, intensive care unit, and general medical and surgical floors.

Pharmacists are integral members of the interdisciplinary care team and focus on drug therapy optimization, medication reconciliation, and patient education. Pharmaceutical services continue after hospital discharge at the Richard E. Jacobs Health Center where patients can fill prescriptions through prescription bedside delivery service or at the outpatient pharmacy, follow-up for anticoagulant therapy monitoring at a pharmacist-staffed clinic, and receive parenteral medications through the outpatient infusion center.



PGY
1

Pharmacy Practice Residency

The Avon Hospital Pharmacy Residency (PGY-1) is a one-year postgraduate training program based in a state-of-the-art community hospital practice setting.

The residency will build upon the knowledge and skills gained from a Doctor of Pharmacy education, focusing on the development of a pharmacist practitioner capable of managing medication-related care for patients with a variety of acute and chronic disease states. Core experiences include central and decentralized pharmacy practice, internal medicine, critical care, infectious diseases, and emergency medicine, as well as every other weekend staffing and clinical responsibilities.

The resident will develop leadership skills through a practice management experience and hospital committee involvement. The resident will have the opportunity to complete elective experiences based on their needs and interests. The resident will be involved in

educational activities, including presentations to pharmacy staff, provider and nursing in-services, co-precepting pharmacy students, and completion of a teaching certificate through Northeast Ohio Medical University. Research experience will be gained through completion of a major research project, and the resident will attend and present research at the ASHP Midyear Clinical Meeting and regional residency conferences.

CONTACT

Pharmacy Residency (PGY-1) Director

Margaret Andersson, RPh, MBA

Avon Hospital, Department of Pharmacy
33300 Cleveland Clinic Blvd., Avon, Ohio 44011
email: mmorgenstern@ccf.org



Euclid Hospital

Euclid Hospital is home to one of the region's leading orthopedic surgery centers. The hospital is licensed for 215 beds and has an average daily census of 130 patients. Euclid serves the local community providing emergency services, general and orthopedic surgeries, acute and sub-acute care, as well as a variety of outpatient services. The Department of Pharmacy supports 24-hour pharmaceutical services and also offers bedside delivery of patient discharge medications. Decentralized pharmacists provide pharmaceutical services in the emergency department, intensive care unit, as well as medical and surgical floors. Clinical duties focus on medication reconciliation, patient counseling and drug optimization; pharmacists also collaborate with prescribers in shared medical appointments for patients with COPD, CHF, and CKD.



Pharmacy Residency

The Euclid Hospital Pharmacy Residency (PGY-1) is a one-year postgraduate training program based in a community hospital practice setting. The resident will gain experience in the development of patient-specific medication treatment and monitoring plans, provide education to patients and other healthcare professionals, and serve as a drug utilization resource while training to become a competent clinical practitioner. The residency offers required longitudinal experiences in ambulatory care, as well as learning experiences in internal medicine, infectious disease, critical care, decentralized unit-based pharmacy, emergency medicine, and pharmacy practice management. Available electives include psychiatric pharmacy, pharmacy operations, and other electives based on the resident's needs and interests. Additionally, the Euclid Hospital residency program also includes teaching/precepting opportunities for

pharmacy students and optional didactic teaching in coordination with NEOMED's teaching certificate. The resident will also be responsible for completing a longitudinal research project and drug use evaluation and will attend the ASHP Midyear Clinical Meeting and regional research residency conference.



CONTACT

PGY-1 Pharmacy Residency Director

Celeste Wise, PharmD, BCPS, BCCCP

Euclid Hospital, Department of Pharmacy
18901 Lake Shore Blvd., Euclid, Ohio 44119
email: wisec@ccf.org



Fairview Hospital

Fairview Hospital is a 488-bed community teaching hospital. Fairview Hospital supports medical residencies in internal medicine, surgery and family practice. Fairview Hospital has a number of clinical Centers of Excellence, including the Birthing Center, Cancer Center, Heart Center, Emergency and Level II Trauma and Surgery. Fairview Hospital was nationally ranked in multiple adult specialties and identified nationally as one of the 2019-2020 “Best Hospitals” by *U.S. News & World Report*.

The Department of Pharmacy consists of approximately 86 dedicated total staff and provides 24-hour services. An electronic medical record/CPOE supports the pharmacy services. The department utilizes decentralized automation cabinets as its main distribution system and follows a decentralized pharmacist model.



PGY
1

Pharmacy Residency

The Fairview Hospital Pharmacy Residency (PGY-1) is a one-year postgraduate training program that provides a foundation of diverse experiences in pharmaceutical care and hospital pharmacy practice. The program is designed to expose the resident to a variety of practice areas in acute care and ambulatory environments to build and expand the knowledge and skills necessary for direct patient care. Residents who successfully complete this program are well prepared for specialized residencies, fellowships, and opportunities in clinical hospital practice.

Throughout the year, residents are involved in a variety of service, education and research activities. They also provide longitudinal support for key pharmacy practice initiatives such as formulary management, patient education and medication reconciliation. Required experiences include adult internal medicine, critical care, cardiology, infectious disease, unit-based pharmacy practice, emergency medicine, neonatal intensive care, and administration.

Required longitudinal rotations are family medicine clinic, research project and staffing. Electives include oncology, pediatric/adolescent psychiatry, trauma, investigational drug services, inpatient family medicine, and critical care (surgery). There are opportunities to complete teaching and leadership certificates.

In addition to clinical activities, residents are involved in educational programs, which include pharmacy case conferences



and continuing education seminar presentations. Other teaching opportunities include medical and nursing in-services and precepting students from colleges of pharmacy. Research skills are developed throughout the year as residents complete a research project and drug use evaluation. Residents attend the ASHP Midyear Clinical Meeting and Ohio Pharmacy Residency Conference and have the opportunity to attend and participate in other state and local conferences.

CONTACT

Pharmacy Residency (PGY-1) Director

Judy Ashe, PharmD, BCOP

Fairview Hospital, Department of Pharmacy
18101 Lorain Ave., Cleveland, Ohio 44111

email: ashej@ccf.org



Emergency Medicine Residency

The Emergency Medicine Residency (PGY-2) is a 1-year specialized residency which provides the resident a foundation to establish comprehensive pharmaceutical care to adult and pediatric Emergency Department patients and work with medical personnel through integrated drug distribution, drug information, clinical services, research and teaching. Required rotations include concentrated blocks in the Emergency Department with an emphasis on resuscitation, toxicology, antimicrobial stewardship, teaching, and leadership along with trauma and medical intensive care. Elective rotations may include, but are not limited to, infectious disease, surgical intensive care, and cardiac critical care. The resident will represent the pharmacy department within

the Emergency Medicine Performance Improvement Committee and Emergency Services Institute Pharmacy Governance Committee. Additional responsibilities include a research project, medication use evaluation, journal clubs and case presentations.

CONTACT

Emergency Medicine Residency Director

Maria Kahle, PharmD, BCPS

Fairview Hospital, Department of Pharmacy

18101 Lorain Ave., Cleveland, Ohio 44111

email: kahlem@ccf.org



Hillcrest Hospital

Hillcrest Hospital is a 500-bed community acute care hospital rated in 2019 by *U.S. News & World Report* as No. 5 hospital in Ohio and No. 4 in the Cleveland Metropolitan. It is the only hospital in Ohio and one of three nationally to rank better than the national average for both the 30-day mortality rate for heart attack and 30-day mortality rate for heart failure. Hillcrest is an accredited chest pain center with PCI. It is a top 100 hospital for cardiac care. Hillcrest earned Magnet Status, the Quality Achievement Award from the American Heart Association and the Platinum Performance Achievement Award in 2014. Hillcrest Hospital's medical specialties include cardiology, cardiothoracic surgery, gastroenterology, neurology, critical care, emergency medicine, neonatology, oncology, orthopedics, obstetrics and pediatrics. The medical staff includes both private practice and Cleveland Clinic staff physicians. Medical residents, nursing students and pharmacy students are an integral part of the Hillcrest healthcare team. Pharmacists care for patients through a unit based model and satellites in critical care (adult and neonatal), operating room, emergency medicine, medical/surgical and oncology areas.



PGY
1

Pharmacy Residency

The Pharmacy Residency (PGY-1) is a one-year postgraduate training program that develops general pharmaceutical patient care expertise. Residents who successfully complete this program are well prepared for specialized residencies, fellowships, hospital practice in an integrated patient care area clinical role or other career opportunities.

The residency offers exposure to intensive care (medical, surgical, cardiovascular, and cardiothoracic), high risk obstetrics, neonatology, oncology, emergency medicine, internal medicine, ambulatory internal medicine, longitudinal ambulatory care (anticoagulation and heart failure clinic), infectious disease, administration, and pharmacy practice.

Additional opportunities are available through hospital committees, investigational review boards and elective rotations. Residents fine tune their communication skills through multiple journal clubs and formal presentations. Residents develop critical thinking skills through case conferences in addition to daily rounding on patient care teams. Residents develop leadership skills through two individual leadership courses and monthly leadership seminars. Residents develop teaching and preceptor skills through PharmD student interactions.

Residents complete a major research project, drug use evaluation, and seminar presentation. Residents submit a manuscript of their research for publication and a poster of their drug use evaluation at ASHP and Vizient. Residents present their research at OCCP and the Ohio Residency Conference.

Please visit our resident website at www.hillcresthospital.org/PGY1pharmacyresidents for further information.

CONTACT

Pharmacy Residency (PGY-1) Director

Frank Rigelsky, PharmD, BCPS, BCCP

Hillcrest Hospital, Department of Pharmacy

6780 Mayfield Road, Mayfield Heights OH 44124

email: frigelks@ccf.org



Critical Care Residency

The Critical Care Residency (PGY-2) at Hillcrest Hospital is a specialized one-year residency experience designed to develop and train an expert level critical care pharmacy practitioner. The program provides multiple training settings and opportunities in order to hone and advance the resident's knowledge, skills, and abilities in the area of critical care medicine and subsequently succeed as a critical care clinical specialist. Residents refine their critical thinking skills, pharmacotherapy expertise, and critical care medicine acumen while enhancing their communication and interpersonal skills, allowing them to become well-rounded and highly desirable critical care pharmacy professionals.

The program offers required learning opportunities in medical, surgical, neonatal, cardiothoracic, and coronary care intensive care unit settings, as well as an infectious disease service, and the emergency department. Elective rotation opportunities are available in high risk obstetrics, trauma, and the pediatric emergency department. The resident will complete a medication use

evaluation and an original research project, with an associated manuscript written for publication. These projects will be presented at various state and national level pharmacy and critical care professional meetings. Numerous educational and preceptor prospects are also available, including didactic teaching of midlevel providers, nursing and pharmacy staff; and precepting of PGY-1 pharmacy residents, and pharmacy students at both the IPPE and APPE level. Clinical and distributive staffing requirements sharpen the resident's abilities as a pharmacist while developing leadership and communication skills. Participation in the Cleveland Clinic Pharmacy Resident Corners of Leadership Program is also encouraged.

CONTACT

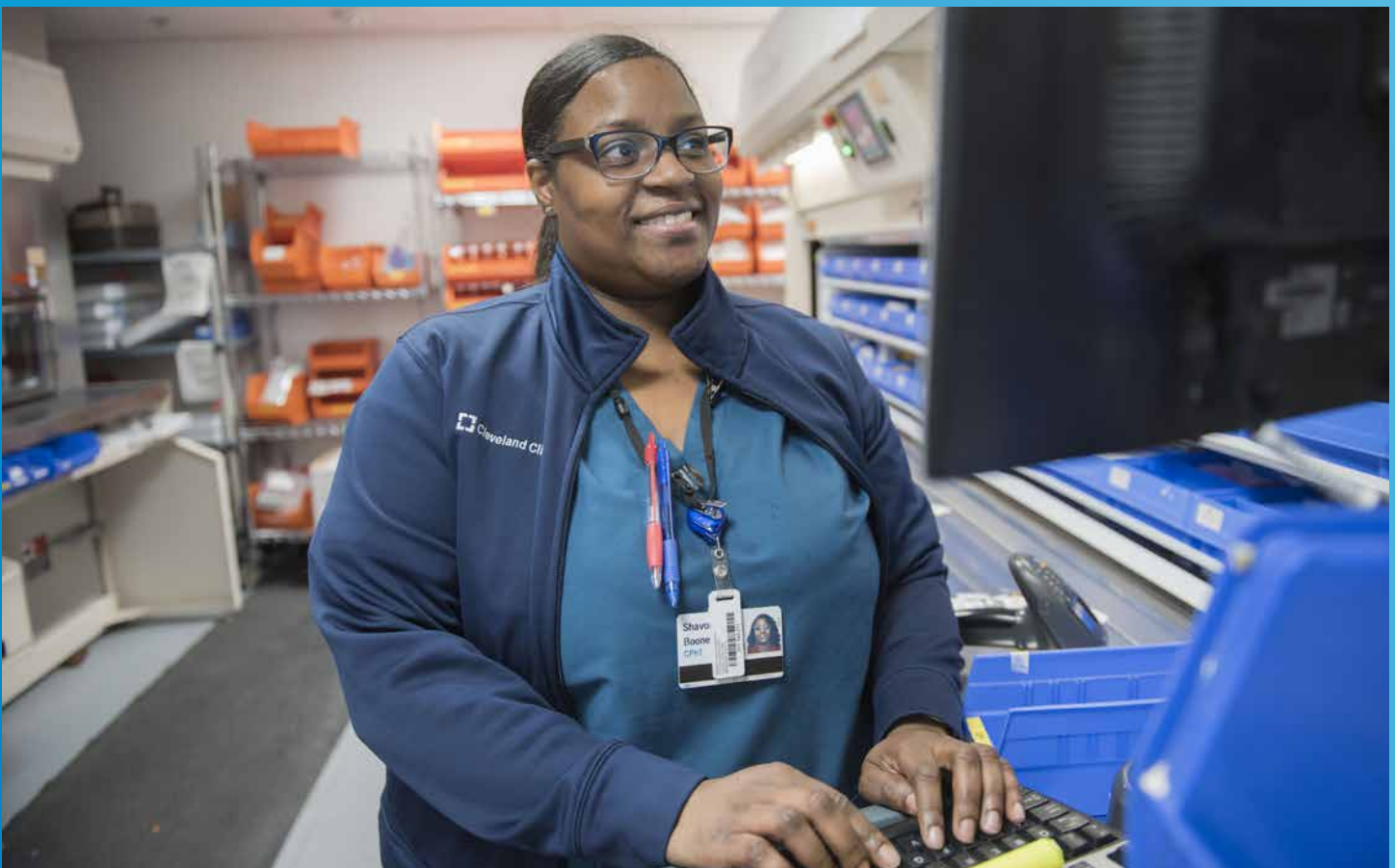
Critical Care Residency (PGY-2) Director

Melissa Raich, PharmD, BCCCP

Cleveland Clinic Hillcrest Hospital

6780 Mayfield Road, Mayfield Heights OH 44124

email: raichm@ccf.org



Marymount Hospital

Marymount Hospital is a 315-bed acute care hospital located in Garfield Heights, Ohio. It has served the needs of the local community since 1949 and was the first community hospital to join the Cleveland Clinic Health System. The hospital campus includes a critical care tower, surgery center, behavioral health center, emergency department, and medical office building. The hospital also supports an off-site ambulatory surgery center.

Cleveland Clinic Marymount Hospital is recognized as a “Top Performer on Key Quality Measures” by the Joint Commission. Additionally, the hospital was recognized nationally by the 2019-2020 *U.S. News & World Report* for the treatment of heart failure and chronic obstructive pulmonary disease. Other specialty areas include cardiology, vascular surgery and psychiatry.

The Department of Pharmacy provides comprehensive pharmacotherapeutic services and consists of clinical pharmacists, pharmacy clinical specialists, interns, technicians, and various IPPE and APPE students. Clinical services include 24-hour code blue and stroke alert response, ED culture call back, medication reconciliation, patient education and counseling, bedside delivery prescription services, vancomycin and warfarin consult programs and various automatic services to streamline care.

The department utilizes a decentralized pharmacy model which allows for enhanced collaboration between providers, patients, and caregivers. An electronic medical record and computerized physician order entry are used to improve efficiency and safety.



PGY
1

Pharmacy Residency

The Cleveland Clinic Marymount Hospital Pharmacy Residency program builds upon Doctor of Pharmacy education and outcomes to contribute to the development of clinical pharmacists responsible for medication-related care of patients with a wide range of conditions. Graduates of the program are eligible for board certification and postgraduate year two pharmacy residency training.

The residency advisory committee tailors the residency to meet the specific needs and interests of the resident. Areas of training include: internal medicine, critical care, emergency medicine, surgical medicine, behavioral medicine, infectious disease, ambulatory care, drug information, medication safety and leadership. Residents will gain teaching experience by co-precepting pharmacy students and providing drug information and in-services to clinical staff throughout the hospital. In addition, an optional teaching certificate program is offered through NEOMED College of Pharmacy.

Residents will have longitudinal involvement in the Pharmacy and Therapeutics and Medication Safety

committees and will complete original research projects that will be presented at the Ohio Pharmacy Residency Conference and Ohio College of Clinical Pharmacy and ASHP Midyear Clinical meetings.

CONTACT

Pharmacy Residency (PGY-1) Director

Pamela Ong, PharmD, BCPS

Marymount Hospital, Department of Pharmacy

12300 McCracken Road, Garfield Heights OH 44125

email: ongp@ccf.org



Medina Hospital

Medina Hospital is a 148-bed acute-care facility serving the health care needs of a growing rural Medina County since 1944. In August 2009, the hospital became affiliated with the Cleveland Clinic, becoming the ninth regional hospital in the health system. Medina Hospital offers a complete continuum of care, from preadmission testing and surgery, to urgent care and emergency services. Orthopedic surgeons offer a full spectrum of procedures, specializing in total joint replacements and arthroscopy. Medina Hospital is accredited by the Joint Commission as a Certified Stroke Center.

The Department of Pharmacy at Medina Hospital provides 24-hour service with a professional staff of approximately 30 members responsible for the medication use processes. The department is supported by CPOE and an electronic medical record. Automated dispensing cabinets throughout the hospital serve as the primary source of medication distribution.

Pharmacists are actively involved within the Emergency Department, the intensive care unit, antimicrobial stewardship, and decentralized on the general medical floors. Pharmacists also serve as pharmacy student preceptors, provide discharge counseling, and review daily clinical reports.



Pharmacy Residency

The Medina Hospital Pharmacy Residency (PGY-1) is a one-year postgraduate program that takes place in the unique setting of a progressive community hospital. Graduates will help implement and enhance pharmacy services, while developing the skills necessary to become integral parts of the interdisciplinary healthcare team. In addition to clinical activities, residents are involved in education and service activities. Residents complete a major research project and drug use evaluation over the course of the year. Teaching opportunities include teaching medical and nursing in-services, as well as co-precepting students from colleges of pharmacy.

Additionally, a teaching certificate may be available through local colleges of pharmacy. Residents will present their research

at a regional pharmacy residency conference, Midyear Clinical Meeting, and the Ohio College of Clinical Pharmacy.

CONTACT

Pharmacy Residency (PGY-1) Director

Brandon Mottice, PharmD, BCPS

Medina Hospital, Department of Pharmacy

1000 E. Washington Street, Medina, Ohio 44256

email: motticb@ccf.org



South Pointe Hospital

Cleveland Clinic South Pointe Hospital is a 173-bed acute care community teaching hospital located in Warrensville Heights, an eastern suburb of Cleveland, Ohio. A unique aspect of South Pointe Hospital is that it serves as an extension campus for Ohio University's Heritage College of Osteopathic Medicine. This affiliation allows collaboration between pharmacy and medical residents and students in a community setting.

South Pointe Hospital is ranked number 5 among Cleveland-area hospitals. The hospital is accredited by the Joint Commission and is a Certified Stroke Center. The *U.S. News & World Report* recognized South Pointe Hospital in achieving the highest rankings in Gastroenterology & GI Surgery, Neurology & Neurosurgery, Orthopedics, Geriatrics, Heart Failure and Chronic Obstructive Pulmonary Disease.

The Department of Pharmacy provides pharmacy services 24 hours a day. Decentralized pharmacy services are established on the medical-surgical floors, intensive care unit, emergency department, and outpatient oncology care area. Clinical rounding services include critical care, infectious disease, and internal medicine.

Pharmacy services are integrated throughout the hospital to optimize patient care through clinical chart review, medication counseling, consult services, antimicrobial stewardship, committee involvement and bedside delivery services. Pharmacists serve as student preceptors and participate in didactic teaching opportunities with the South Pointe medical residency programs.



PGY
1

Pharmacy Residency

The South Pointe Hospital Pharmacy Residency (PGY-1) is a one-year postgraduate training program which will emphasize the development of general pharmaceutical patient care and practice skills necessary to become an integral part of the interdisciplinary healthcare team. Residents will be exposed to all pharmacy services available at South Pointe Hospital and will have the opportunity for off-site elective experiences at other Cleveland Clinic hospitals.

The resident will complete a research project and a drug use evaluation over the course of the year. Professional activities include attendance at local pharmacy organization meetings, ASHP Midyear Clinical Meeting, and a regional pharmacy

resident conference. Residents will also receive a teaching certificate through Northeast Ohio Medical University.

CONTACT

Pharmacy Residency (PGY-1) Director

Garrett Eggers, PharmD, MS

South Pointe Hospital, Department of Pharmacy
20000 Harvard Road, Warrensville Heights, Ohio 44122
email: eggersg@ccf.org



Florida Regional Hospitals



Cleveland Clinic Indian River Hospital

Founded by Garnett Radin, R.N., in 1932, Cleveland Clinic Indian River Hospital is a 332-bed, not for profit hospital offering comprehensive medical services to the Treasure Coast community. The Welsh Heart Center, Scully-Welsh Cancer Center and Scully Endoscopy Center offer full-service programs and a multidisciplinary approach. Healthcare professionals represent specialties including orthopedic services, minimally invasive vascular surgery, neurosurgery, stroke services, robotic surgery, a state-of-the-art wound healing center, bariatric surgery and the only maternity wing in the community. The hospital features all private rooms and is the largest private-sector employer in Indian River County.

The Department of Pharmacy provides 24-hour service with a professional staff of approximately 27 pharmacists with 9 being board certified in their area of practice. Pharmacists are actively involved within ambulatory care, emergency services, the intensive care unit, antimicrobial stewardship, and decentralized on the general medical floors. Pharmacists also serve as pharmacy student preceptors and provide discharge counseling.

For more information about Cleveland Clinic Indian River Hospital Residency program, visit <https://www.indianrivermedicalcenter.com/about/careers/pharmacy-residency-program/>.



Pharmacy Residency

The Pharmacy Residency (PGY-1) is a one-year program set in a community hospital, designed to build on Doctor of Pharmacy (PharmD) education to contribute to the development of clinical pharmacists responsible for medication-related care of patients. The program is designed to expose the resident to a variety of practice areas in an acute care and ambulatory environment to build and expand the knowledge and skills necessary for direct patient care. The program offers a variety of opportunities for the resident to develop critical thinking, communication, and leadership skills necessary to optimize patient care outcomes.

The residency advisory committee tailors the residency to meet the needs and interests of the resident. Required rotations include sterile prep, internal medicine, critical care, infectious disease, emergency medicine and ambulatory care. Elective rotations offered include nutrition support, oncology and administration/management. Residents present at ASHP Midyear Clinical Meeting and Florida Residency Conference. Residents will also have

experiences in drug information, research and student precepting throughout the year. In addition, residents will have the opportunity to gain teaching experience through optional participation in a teaching certificate program, serve as preceptors for APPE students, and provide drug information and in-services to clinical staff throughout the hospital. Residents will have longitudinal involvement in the Pharmacy and Therapeutic Committee. They will complete a variety of projects and presentations including a CE program and MUE.

CONTACT

Pharmacy Residency (PGY-1) Director
Nikki Brooks, PharmD, BCACP
Cleveland Clinic Indian River Hospital
Department of Pharmacy
1000 36th Street, Vero Beach, Florida 32960
email: nicole.brooks@irmc.cc



Cleveland Clinic Martin Health

Cleveland Clinic Martin Health is a 521-bed community-based health care organization that offers preventive, primary and acute hospital care, located in Stuart, Florida, and Port St. Lucie, Florida. Our health system is composed of 3 hospitals, a stand-alone emergency department, as well as the Robert & Carol Weissman Cancer Center, rehabilitation services, and numerous primary care clinics. Our mission is to provide exceptional health care, hope and compassion to every patient, every time.

Cleveland Clinic Martin Health offers expertise in many specialty services, including emergency medicine (over 100,000 visits annually), a level II neonatal intensive care unit, cardiovascular critical care (CVICU), medical ICU, surgical ICU, orthopedics, cardiothoracic surgery, infectious diseases, neurology, and geriatric care. Clinical services have expanded to include partnerships with Moffitt Cancer Center and Nemours Children's Health System.

Cleveland Clinic Martin Health has retained certification as a Primary Stroke Center for more than 10 years, and has achieved national recognition as an Orthopaedic Specialty Center of Excellence, Joint Commission Certification in Patient Blood Management, Blue Distinction Center in Cardiac Care, Blue Distinction Center for Knee and Hip Replacement, Commission on Cancer Outstanding Achievement Award, and the Pinnacle of Excellence Award for the Martin Health Physician Group.

The Department of Pharmacy provides comprehensive pharmacotherapeutic services throughout our health system using a decentralized staffing model. In addition to PGY1 residents, Martin Health serves as a primary precepting site for IPPE and APPE students from local colleges of pharmacy. Clinical services include code blue and stroke alert response, ED culture call back, medication reconciliation, patient education and counseling, bedside delivery prescription services, vancomycin, aminoglycoside, and warfarin consult programs and advanced technologies incorporated to expedite and ensure safe patient care.



PGY
1

Pharmacy Residency

The pharmacy practice residency is designed to provide in-depth training in multiple aspects of hospital pharmacy including: pharmacokinetics, nutritional support, oncology, critical care, pharmacy administration, infectious disease, and ambulatory care. Residents' expectations include, but are not limited to, preparing in-services, MUEs, and completion of a longitudinal residency project. The PGY1 program is designed to meet each resident's interests and needs and assist them in developing as clinical pharmacists. Required rotations in acute care include internal medicine (2 months), critical care (2 months), emergency medicine (1 month), and additional rotations in administration (1 month), clinical research (1 month), and orientation (1 month). Residents will have the opportunity to select 4 months of electives from the following: emergency medicine II, ambulatory care, oncology, transitions of care, infectious diseases, medication safety, academia, or repeating a core rotation.

Cleveland Clinic Martin Health precepts pharmacy students from a number of pharmacy schools in the area, including University of Florida, Nova Southeastern University, Palm Beach Atlantic University, and the University of South Florida. Residents will have the opportunity to precept and develop teaching skills through interaction with the students. A formal teaching certificate program is also available for residents with advanced interest in academia.

CONTACT

Pharmacy Residency (PGY-1) Director
Jaclyn O'Connor, PharmD, BCPS
Cleveland Clinic Martin Health,
Department of Pharmacy
200 SE Hospital Avenue, Stuart, Florida 34994
email: jaclyn.o'connor@martinhealth.org



Cleveland Clinic Weston

Cleveland Clinic Weston, located in Weston, Florida is a not-for-profit, multi-specialty, academic medical center that integrates clinical and hospital care with research and education.

Cleveland Clinic Weston has 240 physicians with expertise in 35 specialties. The medical campus is fully integrated and includes diagnostic centers, outpatient surgery and a 24-hour emergency department located in the state-of-the-art hospital. Cleveland Clinic Weston ranked No. 1 in the Miami-Fort Lauderdale metro area and No. 5 in Florida in the 2019-2020 “Best Hospitals” rankings by *U.S. News & World Report*.

Cleveland Clinic Weston is an integral part of the Cleveland Clinic Health System, where providing outstanding patient care is based upon the principles of cooperation, compassion and innovation.



PGY 1

Pharmacy Residency

The Cleveland Clinic Weston Pharmacy Residency (PGY-1) is a one-year postgraduate program. The resident receives extensive training and experience in all areas of hospital pharmacy practice. They will integrate into the healthcare team and utilize evidence-based medicine to optimize drug therapy outcomes.

The resident gains understanding and confidence in the practice of patient-centered care and is integral to the resolution of drug-related problems. The resident conducts practice-related research and develops skills in educating healthcare professionals and the community. Upon completion of the training program, the resident will have a fundamental understanding of healthcare system processes from a community institutional practice perspective.

Required rotations include orientation, internal medicine, critical care, infectious disease, ambulatory care, transplant, health system pharmacy leadership/management, emergency medicine, and

oncology. Elective opportunities exist in nephrology, cardiology, and neurology. Additionally, residents will have experiences in drug information, research, policy development and education throughout the year. Residents attend the ASHP Midyear Clinical Meeting and Florida Residency Conference.

For more information about Cleveland Clinic Weston Residency (PGY-1), visit www.clevelandclinicflorida.org.

CONTACT

Pharmacy Residency (PGY-1) Director

Khusbu Patel, PharmD, MBA

Cleveland Clinic Weston

Department of Pharmacy

3100 Weston Road, Weston, Florida 33331

email: patelk@ccf.org





Application Requirements

PGY1 Programs:

Interested applicants must be PharmD graduates of accredited college of pharmacy, be eligible for licensure in the State of Ohio (or Florida if applicable), and submit the standard application materials through PhORCAS (i.e. Letter of Intent, CV, the 3 standard reference forms in PhORCAS, official college transcripts), along with:

1. We request a minimum of one (two is preferred) of your three references should come from a preceptor who you have worked with in a clinical setting, related to an APPE in acute or ambulatory care. The clinical preceptor should be able to comment on your scope of responsibility, total patient load, level of autonomy, clinical abilities, and organizational and time management skills. All 3 reference writers should use the standard PhORCAS template to submit their candidate recommendation and comment on a minimum of 7 of the 13 listed candidate characteristics.
2. A response to the following essay statement is required for acceptance. The essay response should be no longer than one page in length. An application will not be reviewed if this statement is missing. Please note that the essay is separate from your letter of intent. Reflecting on your APPE rotations, please provide a piece of critical feedback you have received from one of your preceptors on a direct patient care rotation. Explain how you have incorporated this feedback into your practice and/or worked to improve in this area.

PGY2 Programs:

Interested applicants must be PharmD graduates of accredited college of pharmacy, be eligible for licensure in the State of Ohio (or Florida if applicable), and submit the standard application materials through PhORCAS (i.e. Letter of Intent, CV, the 3 standard reference forms in PhORCAS, official college transcripts), along with:

1. We request a minimum of one (two is preferred) of your three references should come from a preceptor who you have worked with in a clinical setting, related to a PGY1 rotation in acute or ambulatory care. The clinical preceptor should be able to comment on your scope of responsibility, total patient load, level of autonomy, clinical abilities, and organizational and time management skills. All 3 reference writers should use the standard PhORCAS template to submit their candidate recommendation and comment on a minimum of 7 of the 13 listed candidate characteristics.
2. A response to the following essay statement is required for acceptance. The essay response should be no longer than one page in length. An application will not be reviewed if this statement is missing. Please note that the essay is separate from your letter of intent. Reflecting on your PGY1 residency rotations, please provide a piece of critical feedback you have received from one of your preceptors on a direct patient care rotation. Explain how you have incorporated this feedback into your practice and/or worked to improve in this area.

Please submit all application materials via Pharmacy Online Residency Centralized Application Service (PhORCAS). **Deadline for receipt of these materials to be considered for an on-site interview is January 1, 2020 by 11:59 PM.** For the PGY-2 residency programs (Ambulatory Care, Cardiology, Critical Care, Emergency Medicine, Infectious Diseases, Informatics, Medication-Use Safety and Policy, Oncology, Pediatrics and Solid Organ Transplant), a Pharmacy (PGY-1) Residency or equivalent experience is required.

Cleveland Clinic Health-System Residency sites agree that no person at these sites will solicit, accept, or use any ranking-related information from any residency applicant.

NOTE: 1. Residency applicants must currently be authorized to work in the United States. Cleveland Clinic Pharmacy does not sponsor applicants for work Visas.

2. Appointments of applicants to residency positions may be contingent upon the applicants satisfying certain eligibility requirements (e.g., graduating from accredited college of pharmacy, obtaining pharmacist license in Ohio (for Ohio sites) or Florida (for Florida sites) within 90 days of start date, and successful completion of a pre-employment physical and drug screen, including testing for cotinine).
3. Unfortunately, we cannot accommodate OPT (Optional Practical Training) Visas for the Cleveland Clinic Pharmacy Residency Program as the program extends beyond 12 months.
4. The Cleveland Clinic Pharmacy Residency Program does not meet the qualifications of an OPT STEM employer because Cleveland Clinic is not enrolled in E-Verify.

American Society of Hospital Pharmacists



ASHP PURPOSE STATEMENTS:

PGY1 PROGRAM PURPOSE: PGY1 pharmacy residency programs build on Doctor of Pharmacy (Pharm.D.) education and outcomes to contribute to the development of clinical pharmacists

responsible for medication-related care of patients with a wide range of conditions, eligible for board certification, and eligible for postgraduate year two (PGY2) pharmacy residency training.

PGY2 PROGRAM PURPOSE: PGY2 pharmacy residency programs build on Doctor of Pharmacy (Pharm.D.) education and PGY1 pharmacy residency programs to contribute to the development of clinical pharmacists in specialized areas

of practice. PGY2 residencies provide residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care or other advanced practice settings. Residents who successfully complete an accredited PGY2 pharmacy residency are prepared for advanced patient care, academic, or other specialized positions, along with board certification, if available.





Every life deserves world class care.

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Cleveland Clinic is a nonprofit, multispecialty academic medical center integrating clinical and hospital care with research and education for better patient outcomes and experience. More than 3,900 staff physicians and researchers in 180 medical specialties provide services through 26 clinical and special expertise institutes. Cleveland Clinic comprises a main campus, 11 regional hospitals and more than 150 outpatient locations, with 19 family health centers and three health and wellness centers in northern Ohio, as well as medical facilities in Florida, Nevada, Toronto and Abu Dhabi. Cleveland Clinic is currently ranked as one of the nation's top hospitals by *U.S. News & World Report*.
clevelandclinic.org