Why Choose Us?

The Pharmacy Portfolio teams within VUMC HealthIT are responsible for the informatics solutions in inpatient and outpatient service areas. The teams provide technology tools that support a wide range of pharmacy needs at Vanderbilt University Medical Center (VUMC), including ensuring care teams can order the correct medications for patients, helping pharmacy staff fill prescriptions at outpatient pharmacies, and ensuring clinical outcomes are appropriately supported through medication therapies. Various vendor-based systems are managed within the portfolio and seamlessly link to other clinical care tools. Efforts of multiple teams help ensure safe and effective medication therapy is delivered to all patients. Finally, data analytics are used to quantify the clinical value of the medication therapies and services provided.

The Pharmacy Portfolio is part of the largest team within VUMC HealthIT, the Clinical Care group, which manages informatics solutions directly or indirectly involved in patient care. The Clinical Care group performs work that includes:

- Application updates and fixes
- Implementation of new products
- Customization of vendor-provided solutions
- Tailored upgrades to existing solutions

Our Informatics Residency offers multiple experiences involving electronic health record optimization, clinical decision support integration, and automated dispensing system coordination utilized by a multi-hospital academic medical center.

VUMC HealthIT also has a unique relationship with the Vanderbilt Department of Biomedical Informatics (DBMI). The mission of DBMI includes education, research, and service to develop innovative technologies to support clinical practice with enhanced patient outcomes.

Vanderbilt Pharmacy Informatics PGY2 Residency

For more information, contact:

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MEDICAL CENTER

DP-1020

Vanderbilt
Pharmacy Informatics PGY2 Residency

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Presentations

The resident is expected to present a one-hour CE on an informatics-related topic, open to all VUMC pharmacy staff. Additionally, the resident will give at least two topic presentations during the year.

Research

The resident is required to complete one informatics longitudinal residency project, which will include writing a project manuscript. The resident is encouraged to seek publication of their research. The resident is also encouraged to present their research project findings, as well as any other interesting projects, at clinical conferences.

Teaching

The informatics resident will assist with precepting pharmacy interns, students, and fellow residents concerning informatics related projects. Completion of a resident teaching certificate program is expected, with the intent of fostering the development of well-rounded teaching and preceptor skills, in addition to being an introductory voice to pharmacy students concerning informatics.

Staffing/On-Call

The residency typically includes every fourth weekend staffing in an operational role with some clinical backup. This pharmacy practice experience occurs at Vanderbilt University Medical Center and involves, but is not limited to, processing orders, daily preparation and dispensing of medications for patients, and various other duties in the Sterile products area. Some rotational informatics on-call is required to support clinical systems. Holiday staffing schedule will be discussed at the interview. There may be an alternative staffing plan if indicated.

Conferences

The resident will be expected to attend the American Society of Health-System Pharmacists (ASHP) Mid-Year Clinical Meeting and the ASHP Summer Meeting (or an equivalent meeting). If the resident is required to present other completed work, attendance at other meetings may be necessary. Given that normal meetings are subject to being virtual during this time, each meeting will be considered for alternative participation.

Rotations

- Orientation
- Clinical Pharmacy Systems
- Clinical Decision Support
- Project & Automation
- Medication Safety
- Data Analytics
- Ambulatory
- Clinical Rotation
- Technical Concepts

Electives

- Advanced Clinical Decision Support
- Advanced Data Analytics
- Oncology Med Srvs
- Advanced Ambulatory

Goals of Residency

- Obtain Epic proficiency for Willow Inpatient
- Understand the role of informatics in improving patient safety
- Evaluate technology integration in clinical practice
- Assess the impact of informatics systems on clinician workflow
- Assist in development of informatics business initiatives
- Communicate effectively and professionally
- Participate in project design and implementation
- Understand user-vendor relationships of software products, including research, development, and implementation

Benefits

- Competitive salary
- Eight observed holidays
- Flexible paid time off to be used for holidays, sick leave, vacation, or interview days
- Payment of Tennessee pharmacy license fees

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- Nashville.Eater.com
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Requirements

- Graduate of Doctor of Pharmacy program
- Successful completion of an accredited PGY1 residency or equivalent experience
- Ability to travel to or participate in virtual interview
- Licensure (ability to gain) in Tennessee within 120 of start date
- Participation in the National Match program
- Curriculum vitae
- Letter of intent
- COP Transcipts
- Three letters of recommendation
- Applicant must be a U.S. citizen