Why Choose Vanderbilt?

Vanderbilt Medical Center is unique among academic health centers, entrusting its Informatics Center with the responsibility for providing essential information infrastructure for patient care, management, research and education— including the support for informatics-related research and education in clinical informatics and the emerging field of bioinformatics (including new initiatives in genomics and proteomics).

This integration is achieved at the operational level—knowledge and is applied to real world problems on a day-to-day basis: at the services level, the research level, and the administrative level.

The medical center benefits from a technology infrastructure and architecture that takes full advantage of the new science of biomedical informatics to achieve a scale of productivity not possible with traditional information systems.

http://www.vanderbilt.edu/nashville/
The residency is designed to provide the necessary tools and experiences for the resident to achieve a position in pharmaco-informatics upon completion of the program. It is a 12-month program available as a PGY2 experience. A variety of project opportunities exist that can be specifically tailored to meet the resident's interests as well as the current needs of the Department of Pharmaceutical Services and Informatics Center. Additionally the residency supports ASHP guidelines, goals, and objectives consistent with an accredited PGY2 program.

The resident will become proficient in clinical decision support, information and project management, project lifecycle, integration/interface, implementation, CPOE, EMR, BCMA, pharmacy automation, and vendor relations.

**Goals of Residency**
- Understand the role of informatics in improving patient safety
- Evaluate technology integration and assess the impact of informatics in clinical practice
- Communicate effectively and professionally
- Participate in project design and implementation
- Understand triangulation of research, development, and implementation of vendor products
- Expand leadership skills relating to development and maintenance of informatics systems
- Participate in Clinical Decision Support process

**Program Overview**

VUMC has always been a leader in health informatics, with systems like Computerized Provider Order Entry (CPOE) to assist in efficient and accurate medication ordering. The Department of Pharmacy has been recognized by ASHP with a Best Practice Award in 2002 and by the Pediatric Pharmacy Advocacy Group in 2004. These awards validate the work done at Vanderbilt on CPOE and the integration with the Pharmacy System.

The pharmacy department developed a Clinical Decision Support System (CDSS) to enhance the interface between the CPOE and pharmacy systems to improve safety in the medication use process. The CDSS provides prescribing assistance, educates physicians on the formulary, restricts the use of certain medications with guidelines, and provides pediatric and chemotherapy dose range checks. In 2005, the Department of Pharmacy installed a pharmacy system with more advanced capabilities. Subsequently, nursing implemented a documentation system complimenting the existing single vendor systems to provide bar coded medication administration (BCMA), electronic nursing documentation, and electronic medical record (EMR).

These systems in conjunction with the expertise of the staff provides a great learning environment in a diverse academic teaching institution.

**Benefits**
- Competitive stipend
- Medical/dental/life/vision insurance options
- Seven observed holidays
- Flexible PTO - 29 days to be used for holidays, sick, vacation, or interview days.
- Selected professional travel reimbursement
- Travel & relocation expenses directly related to move (up to $1500)
- Payment of TN pharmacy license fees
- Professional liability insurance
- Office space & computer workstation
- Biomedical library access
- Employee wellness program
- Includes staffing/clinical call every four weeks
- See website for additional information www.vanderbiltpharmacy.com

**Requirements**
- Applicant must be a US citizen
- Graduate of Doctor of Pharmacy program
- Licensed pharmacist with TN reciprocity
- Successful completion of an accredited PGY1 residency
- Participates in the match program & PhORCAS

**Nashville**
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- http://www.nashville.gov