Pharmacy Residency GUIDE

Methodist Healthcare
University Hospital

Major academic campus for the UT Health Science Center
Methodist University Hospital
Pharmacy Residency Programs

Overview
Methodist Healthcare is a private, not-for-profit hospital system consisting of seven hospitals, a home health agency and outpatient clinics located throughout the metropolitan area. Methodist University Hospital is the largest, most comprehensive hospital in the Methodist system and a primary teaching site for the University of Tennessee Colleges of Medicine and Pharmacy.

Located in the heart of the medical center in Midtown Memphis, University Hospital offers primary care services, as well as highly specialized programs in neurosciences, transplant, cancer, orthopedics, cardiology, minimally invasive surgery and gastroenterology. We are committed to providing high quality, compassionate care to the residents of our community and to patients across the region.

DEPARTMENT OF PHARMACY
The mission of the Methodist University Hospital Department of Pharmacy is to be the leader in providing pharmaceutical care to its patients through safe, rational, cost-effective and ethical drug therapy. Pharmaceutical care is provided through an integrated model using Patient Care Area Pharmacists (PCAP) and satellite pharmacies in the areas of Oncology, Solid Organ Transplant, Cardiology, Neurosciences, Adult Intensive Care, Adult Medicine, Surgery, and Emergency Medicine. Clinical pharmacy services address patient needs in the Medicine Teaching Practice Clinic, and distributive services are provided in the Outpatient Pharmacy.

The Pharmacy Department at Methodist University Hospital consists of over 80 associates including 32 Pharmacists, 13 Clinical Specialists, 10 Pharmacy Residents and 27 Technicians. Clinical Specialists in the areas of Ambulatory Care, Cardiology, Critical Care, Emergency Medicine, Infectious Disease, Malignant Hematology, Solid Organ Transplant, Oncology, Neurosurgery, Internal Medicine, and Nephrology serve as resource personnel to the staff, provide patient care and educate students, staff and other health professionals.

Pharmacists are actively involved in medication order review, therapeutic monitoring, protocol management, patient education, student and resident preceptorship, and interactive relationships with the health care team. Pharmacy Technicians provide an integral component of the drug distribution system. Medication use processes are entirely computer-supported with state-of-the-art technology in pharmacy information systems. Unit dose distribution is automated through the use of robotics and unit-based dispensing systems.
The department is actively involved in several quality improvement programs including Adverse Drug Reaction and Medication Error reporting and prevention, Drug Use Evaluation, Medication Preparation Quality Control, Protocol Development, CMS Indicators, and other medication use activities.

**Program Overview**

The first resident, Max D. Ray, began the program in 1964. Over the years, the program has grown from one resident per year to the current level of eleven. Each year Methodist University Hospital selects PGY-1 residents as well as PGY-2 specialty residents in the areas of Oncology, Solid Organ Transplantation, Internal Medicine and Critical Care. Our residency programs provide the resident with the skills and knowledge required to become a competent clinical pharmacy practitioner capable of providing pharmaceutical care in practice settings that are consistent with the residents' goal. In addition, residents are expected to complete a major project relating to pharmacy practice in their area of interest, provide education to patients, pharmacy students and other health professionals in a variety of formal and informal settings, serve on various institutional and departmental committees, and participate in departmental projects.
The purpose of the PGY-1 Pharmacy Residency at Methodist Healthcare is to provide the resident with the skills, attitudes and knowledge required to become a competent pharmacy practitioner. All residents are expected to:

- Be capable of providing pharmaceutical care in multiple settings
- Possess independent learning skills
- Maintain professional ethics
- Possess effective communication skills
- Be capable of providing effective drug education
- Understand research methods and opportunities
- Understand drug use control in an institutional setting
- Understand the legal/functional aspects of pharmacy practice
- Take personal responsibility for affecting change

The specific program for each resident varies based upon his or her goals, interests and previous experience. However, all residents are required to complete rotations in core subject areas considered to be essential to the pharmacy practitioner. A broad range of elective rotations is available to permit the resident flexibility in pursuing individual goals.

Additional learning experiences aimed at producing a well-rounded pharmacist include the development and completion of a major project related to pharmacy practice, development of oral and written communications, patient education, participation in various departmental administrative committees, and dispensing in various pharmacy areas throughout the institution. Upon completion of the program, residents are awarded a residency certificate.

**Core Educational Experiences:**
- Orientation
- Internal Medicine
- Critical Care
- Medicine Selective
- Drug Use Policy
- Clinical Services Management
- Clinical Consult Service

**Elective Experiences:**
- Cardiology
- Nephrology
- Infectious Disease
- Malignant Hematology/Bone Marrow Transplant
- Solid Organ Transplant
- Emergency Medicine
- Pediatrics (off-site hospital)
- Internal Medicine
- Critical Care
- Medical Oncology
- Medication Safety
- Palliative Care/Pain Management
- Long Term Care/Geriatrics
- Outpatient Anticoagulation
Staffing/On-Call Requirements:
Residents practice as a pharmacist:

• Every fourth weekend and two additional shifts every fourth week throughout the residency year, excluding the orientation month. The total number of scheduled shifts during the year is approximately 48.
• Two shifts during one major holiday (Thanksgiving, Christmas or New Years Day).
• One shift during one minor holiday (Martin Luther King Day, Good Friday, Labor Day, Memorial Day.)

Application Requirements:
The applicant must be a graduate of an accredited school of pharmacy and must meet the requirements for Tennessee licensure. Applicants must also be registered to participate in the ASHP Resident Matching Program.

Deadline: January 15, 2010 (extension may be available upon request)
Requirements:
1. Letter of interest and curriculum vitae
2. Official copy of your college of pharmacy transcripts
3. Three (3) letters of recommendation
4. Personal Interview
5. Eligible for Tennessee Licensure

Salary and benefits:
Approximately $41,000 for PGY-1 residents.

Contact:
Carrie Oliphant, Pharm.D., BCPS
Clinical Specialist - Cardiology/Anticoagulation
Methodist University Hospital
1265 Union Avenue
Memphis, TN 38104
(901) 516-2135
E-mail: oliphanc@methodisthealth.org
ASHP – Accredited PGY-2 Residency in Internal Medicine

The purpose of the Internal Medicine PGY-2 Specialty Residency at Methodist University Hospital and the University of Tennessee Department of Clinical Pharmacy is to provide the resident with the knowledge, skills, and attitudes required to achieve potential excellence as a clinician, educator, and scholar in the area of internal medicine therapeutics. All program participants are expected to:

- Provide clinical pharmacy services to internal medicine patients,
- Teach Pharm.D. students (clerkships, recitations, classroom),
- Initiate and complete a project; submit for publication,
- Present project at a regional and/or national meeting,
- Write and submit for publication one review article,
- Demonstrate self-initiative and independent learning skills,
- Possess effective communication skills, and
- Be capable of providing effective drug education.

Residents are expected to perform independently and demonstrate proficiency in their rotations. The residency preceptor provides guidance and assistance to the resident, and ensures that the goals set forth by the resident and the program goals are met. The preceptor also provides the resident with frequent evaluation of their progress, including a written evaluation at the conclusion of the rotation. Frequent, clear communication is the key to a successful resident/preceptor relationship.

**Core Educational Experiences:**
- Orientation
- General Internal Medicine - 6 months
- Critical Care
- Medicine Selective
- Ambulatory Care

**Elective Experiences**
- Cardiology
- Drug Information
- Nephrology
- Infectious Disease
- Hematology/Oncology
- Emergency Department

**Staffing/On-Call Requirements:**
The resident will be required to “staff” 1 weekend (2 shifts) per month.
- Practice areas will be identified at the beginning of the resident year
- The resident will provide service for one major holiday (i.e., Thanksgiving, Christmas, Christmas Eve or New Years Day).
- During the month of July, the resident will be oriented to the Department, and meet learning objectives specific to this training experience

Residents may choose to cover additional pharmacist shifts and will be compensated at the standard pharmacist rate including differential.
Application Requirements:
The applicant must be a graduate of an accredited school of pharmacy, must have completed a PGY-1 residency, and must meet the requirements for Tennessee licensure. Applicants must also be registered to participate in the ASHP Resident Matching Program.

Application deadline is January 15, 2010 (extension may be available upon request)
1. Letter of intent and CV
2. Earned Doctor of Pharmacy degree from ACPE-accredited program
3. Official copy of your college of pharmacy transcript
4. Three letters of recommendation, including 2 from clerkship or pharmacy practice residency preceptors
5. A 30 minute presentation during on-site interview

Salary and benefits:
$42,848 for PGY2 residents.

Contact:
Timothy H. Self, Pharm.D.
Director for Internal Medicine Pharmacy Practice Specialty Residency
Methodist University Hospital
Professor, College of Pharmacy
University of Tennessee Health Science Center
910 Madison Avenue, Room 304
Memphis, TN 38163
Phone: (901) 448-6465
Fax: (901) 448-1055
E-mail: tself@utmem.edu
Methodist University Hospital PGY-2 Oncology Specialty Residency Program

The Department of Pharmacy at Methodist University Hospital (MUH) offers an ASHP accredited postgraduate year two (PGY2) residency in Oncology Pharmacy Practice. The purpose of this program is to provide advanced training in malignant hematology, medical oncology, stem cell transplant, supportive care, research, and teaching. The hematology/oncology residency will provide the resident with the skills and knowledge required to become a competent pharmacy practitioner in this specialized area.

The Methodist Healthcare Cancer Center represents one of the largest providers of cancer diagnosis and treatment in the Mid-South. More than 2,500 newly diagnosed cancer patients are seen annually in the Methodist Hospitals. The mission of the Methodist Cancer Center is to exemplify clinical excellence, provide state-of-the-art care, research, and support for every patient accessing care at any point along the continuum, from screening and prevention, treatment, or hospice care. The Methodist Cancer Center at University Hospital has a dedicated 45-bed inpatient oncology unit, an oncology outpatient unit and an inpatient special care unit. An active research program performs autologous, allogeneic and cord blood transplants. An interdisciplinary team of oncologists, oncology-certified nurses, social workers, dieticians, clinical pharmacists and clergy focus on both the medical and psychosocial aspects of care. MUH is partnered with and provides inpatient care for patients of the University of Tennessee Cancer Institute (UTCI), West Clinic, as well as other medical and surgical oncologists.

The Oncology Pharmacy Residency is a twelve-month program. The schedule of residency rotations includes required core rotations as well as elective rotations that may be tailored to the resident’s goals and previous experience.

Core Educational Experiences

- Medical oncology
- Malignant hematology
- Stem cell transplant

Elective Educational Experiences

- Pain/palliative care
- Ambulatory Oncology
- Nutrition support
- Pediatric oncology
- Infectious disease
- Hospice
- Research
- Administration
Staffing/On-call experience: Staffing responsibilities include every fourth weekend in the oncology satellite. In addition, the resident will participate in the oncology clinical pharmacy (on-call) coverage on a scheduled basis.

Application requirements:
Deadline: January 15, 2010 (extension may be available upon request)
1. Letter of intent
2. Curriculum vitae
3. Official copy of college of pharmacy transcripts
4. Three (3) letters of recommendation
5. Personal interview
6. Eligible for Tennessee Licensure
7. Successful completion of a PGY1 Pharmacy Practice Residency

Salary/benefits: The stipend for PGY-2 residents is $42,848.

Contact:
Sundae Stelts, Pharm.D.
Director, Oncology Pharmacy Residency
Department of Pharmacy
Methodist University Hospital
1265 Union Avenue
Memphis, TN  38104
Phone: (901) 516-7385
Email: steltss@methodisthealth.org
Methodist University Hospital PGY-2 Residency Program in Solid Organ Transplant/Immunology

Methodist University Transplant Institute, affiliated with the University of Tennessee Health Science Center, provides kidney, liver, and pancreas transplantation. Throughout its history, the solid organ transplant program has been a leader in both research and innovative clinical practice in solid organ transplantation. In addition to the adult programs at Methodist University Hospital, pediatric kidney and liver transplants are performed at Le Bonheur Children’s Medical Center.

One of the greatest assets of the solid organ transplant program is its interdisciplinary approach to patient care. Pharmacists and pharmacy residents involved in this service are directly involved in patient care decisions, immunosuppressive management, daily inpatient rounds, and assist in managing the complex pharmacological requirements unique to transplant patients. The resident is exposed to multiple facets of transplant-related medical and surgical care. Pharmacists interact extensively with each patient along the continuum of care through performing pre-transplant education, medication history interviews, medication education, discharge medication counseling, and follow-up to select patients in the ambulatory clinic. The transplant program has traditionally participated in pharmaceutical industry sponsored and investigator initiated drug studies, providing opportunity for exposure to clinical and translational research.

The Solid Organ Transplant residency is ASHP-accredited. The purpose of the Solid Organ Transplantation Pharmacy Residency Program is to equip the resident with the experience, knowledge, and skills to improve human health through education, research, clinical and public service with an emphasis on transplant related issues.

### Core Educational Experiences
- Transplant surgery service
- Transplant nephrology
- Transplant ambulatory clinic

### Elective Educational Experiences
- Transplant hepatology
- Heart/lung transplantation (off-site institution)
- Bone marrow transplantation
- Nephrology
- Critical Care
- Infectious Diseases
- Clinical research
Staffing/On-call experiences:
Residents will share in after-hour and weekend call approximately every 3-4 weeks, alternating with other Transplant Clinical Pharmacy Specialists. Pharmacy staffing requirements will be determined based on an assessment of the resident’s prior experience. The number of mandatory operational shifts (compensated at supplemental pharmacist rate) will not exceed 8 weekends (or 16 shifts), and will be scheduled at intervals that account for clinical on-call duties. These will occur in the Solid Organ Transplant / ICU satellite.

Application requirements:
Deadline: January 15, 2010 (extension may be available upon request)
- Letter of interest
- Curriculum vitae
- Official copy of college of pharmacy transcripts
- Three letters of recommendation
- Personal interview
- Eligible for Tennessee licensure
- Verification of completion of PGY-1 Residency

Salary/benefits: The stipend for PGY-2 residents is $42,848.

Contact:
Amy Krauss, Pharm.D., BCPS
Director, Solid Organ Transplantation Residency
Methodist University Hospital
c/o Pharmacy Administration
1265 Union Avenue
Memphis, TN 38104
(901) 516-9041
E-mail: kraussa@methodisthealth.org
Methodist University Hospital
PGY-2 Residency in Critical Care

The purpose of the PGY-2 Critical Care Specialty Residency at Methodist University Hospital is to provide the resident with the knowledge, skills and attitudes required to achieve potential excellence as a clinician, educator and scholar in the area of critical care medicine therapeutics. All program participants are expected to:

- Provide clinical pharmacy services to critical care medicine patients
- Teach Pharm.D. students (clerkships, recitations, classroom)
- Initiate and complete a project; submit for publication
- Present project at a regional and/or national meeting
- Write and submit for publication one review article
- Demonstrate self-initiative and independent learning skills
- Possess effective communication skills
- Be capable of providing effective drug education

Residents are expected to perform independently and demonstrate proficiency in their rotations. The residency preceptor provides guidance and assistance to the resident and ensures that the goals set forth by the resident and the program goals are met. The preceptor also provides the resident with frequent evaluation of their progress, including a written evaluation at the conclusion of the rotation. Frequent, clear communication is the key to a successful resident/preceptor relationship.

Core Educational Experiences:  
- Orientation  
- Medical ICU - 4 months  
- Neurocritical Care  
- Cardiovascular Surgery  
- Solid Organ Transplant  
- Clinical Consult Service

Elective Experiences:  
- Surgical ICU  
- Malignant Hematology  
- Nephrology  
- Infectious Disease  
- Oncology  
- Palliative Care

Staffing/On-Call Requirements:  
The resident will be required to “staff” one weekend (2 shifts) every four weeks.
- Practice areas will be identified at the beginning of the residency year
- The resident will provide service for one major holiday (i.e., Thanksgiving, Christmas, Christmas Eve or New Year’s Day)
- During the month of July, the resident will be oriented to the Department and meet learning objectives specific to this training experience.
- Residents may choose to cover additional pharmacist shifts and will be compensated at the standard pharmacist rate including differential.
Application Requirements:
The applicant must be a graduate of an accredited school of pharmacy, must have completed a PGY-1 residency and must meet the requirements of the Tennessee licensure. Applicants must also be registered to participate in the ASHP Resident Matching Program.

Deadline: January 15, 2010 (extension may be available upon request)
Requirements:
1. Letter of intent and CV
2. Earned Doctor of Pharmacy degree from ACPE-accredited program
3. Official copy of your college of pharmacy transcript
4. Three letters of recommendation, including 2 from clerkship or pharmacy practice residency preceptors
5. A 30-minute presentation during on-site interviews

Salary and benefits:
$42,848 for PGY2 residents.

Contact:
Christopher K. Finch, Pharm.D., BCPS
Manager, Clinical Pharmacy Services
Director for Critical Care Specialty Residency
Associate Professor, UT College of Pharmacy
Methodist University Hospital
1265 Union Avenue
Memphis, TN 38104
Phone: (901) 516-2954
Fax: (901) 516-8178
E-mail: finchc@methodisthealth.org
If you are planning to move to the Memphis area or if you are just looking to visit, you will soon find that Southern hospitality has not been lost in the cosmopolitan growth of the Mid-South. Memphis is unique in that we have found a balance between the amenities, diversity and tolerance of a big city while keeping true to the comfort of our small town history.

Memphis Cultural Facilities/Activities

Music

Memphis is the home of the Blues and the Birthplace of Rock ‘n’ Roll. There is more live music in this city than in many communities twice its size. If you are looking for what’s happening in the near future, check out either the Commercial Appeal or the Memphis Flyer Web sites.

To capitalize on the area’s rich musical legacy, Memphis and Shelby County government leaders formed a music commission that will work to nurture new talent and recruit music industry business to Memphis. Memphis is also home to the Blues Foundation, a non-profit organization dedicated to preserving the tradition of Blues Music as well as the history of the genre. Memphis is home to one of seven National Academy of Recording Arts & Sciences (NARAS) districts in the U.S. There has also been considerable effort in providing a comfortable environment for the Motion Picture Industry in the Memphis Metro area, due in large part to the work of the Memphis and Shelby County Film Commission.

Museums

- Mud Island - http://www.mudisland.com
- Soulsville, USA - The Stax Museum of American Soul Music
- Mud Island River theme park and museum
- National Civil Rights Museum
- National Ornamental Metal Museum
- Pink Palace Museum and Planetarium
- The Children’s Museum of Memphis
- Chucalissa Archaeological Museum
- Rock and Soul Museum
- Peabody Place
- Fire Museum
**Art Galleries:**
- Dixon Gallery and Gardens
- Memphis Brooks Museum of Art
- Memphis College of Art
- South Main Historical Art District

**Arts Advocacy:**
- Memphis Arts Council

**Performing Arts:**
- Memphis Symphony Orchestra
- Opera Memphis
- Theatre Memphis
- Playhouse on the Square
- Circuit Playhouse
- Orpheum Theater
- Cultural Development Foundation of Memphis
- New Daisy Theater
- Bartlett Performing Arts Center
- Buckman Center for the Performing Arts
- Cannon Center for the Performing Arts
- Germantown Performing Arts Center

**Zoo:**
- Memphis Zoo and Aquarium, featuring Ya Ya and Le Le, two giant pandas from China

**Sports Events/Teams:**
- Memphis Grizzlies, NBA Team
- AutoZone Liberty Bowl Football Classic
- St. Jude Golf Classic
- Regions Morgan Keegan International Tennis Tournament
- Memphis Redbirds, AAA Baseball
- The Memphis Riverkings professional hockey team (Central Hockey League)
Festivals:

- Memphis in May International Festival and Barbecue Cooking Contest
- Beale Street Music Festival
- Africa In April Cultural Awareness Festival
- Cooper Young Festival
- Carnival Memphis
- Mid-South Music & Heritage Festival
- Germantown Festival
- International Goat Days (Millington)
- Mid-South Fair
- Oktoberfest
- Pink Palace Crafts Fair
- International Blues Challenge

Attractions:

- Graceland, home of Elvis Presley
- Sun Studio
- Shelby Farms
- Center for Southern Folklore
- Cordova Cellars and Vineyard
- Memphis Botanical Garden
- Lichterman Nature Center
- Victorian Village, Victorian era homes open to the public
- Mallory- Neely House, historic civil war era home open for tours
- Slavehaven Underground Railroad
- Gibson Guitar Factory tour
**Sports Facilities:**

- FedEx Forum, home to the Memphis Grizzlies and the U of M Tigers
- The Liberty Bowl Memorial Stadium, 65,000 seat outdoor stadium
- Team USA Stadium, 5,000 seat USA Olympic Baseball stadium
- Memphis International Motorsports Park
- Mike Rose Soccer Complex
- AutoZone Park - Memphis Redbirds (AAA baseball team)

**Other:**

- The Peabody Hotel
- Beale Street