Pharmacy Residency Program (PGY2)

Infectious Diseases

The Brooklyn Hospital Center

Pharmacy Residency Program | The Remedy is Experience

Keeping Brooklyn Healthy
The Brooklyn Hospital Center, Brooklyn’s oldest hospital, is a member of the New York-Presbyterian Healthcare System. A prestigious teaching hospital that is dedicated to providing outstanding acute care in a state-of-the-art delivery environment, the hospital is located in Downtown Brooklyn, merely minutes from Manhattan. A major transportation hub makes the hospital easily accessible by car, bus, railroad, and subway. The hospital recently received full accreditation from The Joint Commission.

The Department of Pharmacy Services is a dynamic department with a progressive clinical focus. The 400+ bed facility is staffed by sixteen pharmacists, seven pharmacy practice residents, six interns, four clinical coordinators, two clinical pharmacy educators, technicians, messengers, and a dedicated management team, the department participates in all aspects of medication safety and dispensing. Dispensing services are achieved with a balance of professional, technical, and automated services, including a complete intravenous admixture service, TPN compounding, and robotics. Clinically, the department maintains around-the-clock drug information and consultative services, including: pharmacokinetic dosing, collaborative drug therapy ambulatory care clinics, IV to PO substitution, automatic therapeutic substitution under protocol, antimicrobial stewardship program, asthma stewardship program, and response to all cardiac arrest calls. The hospital has a strong affiliation, with neighboring Long Island University’s Arnold & Marie Schwartz College of Pharmacy and Health Sciences. This affiliation includes three in-house faculty members who precept students from the college participating in all aspects of care through required and elective clerkship experiences.

The Brooklyn Hospital Center has a large medical residency/fellowship program in most modalities including Internal Medicine, Gastroenterology, Emergency Medicine, Pediatrics/Neonatology, Cardiology and Pulmonology, to name a few. The Pharmacy Residency Program consists of five PGY-1 residents, a PGY-2 resident in Infectious Diseases, and two PGY-2 residents in Ambulatory Care.

The Infectious Diseases Pharmacy Resident (PGY-2) will have significant exposure to both inpatient and outpatient services. The following rotations are available throughout the year:

- Foundations of Microbiology
- HIV Service
- ID Consult Service
- Antimicrobial Stewardship (longitudinal)
- HIV clinic (longitudinal)
- Critical Care (Medical and Surgical)
- Bone Marrow and Transplant

As a component of the inpatient experience, the resident will be responsible for responding to cardiac arrest, pediatric emergencies, as well as to provide drug information, toxicology...
consultation, pharmacokinetic dosing consults within the institution as part of the program’s in-house on-call program. This will require the resident to remain in the hospital for a 24 hours period approximately once every 2-3 weeks.

Each resident will also design and implement a research project during the one-year program. The design of this project and the results will be presented at major clinical meetings, locally and nationally.

In addition, residents have the opportunity to precept entry-level Doctor of Pharmacy students on clinical rotations, and to teach a part of Infectious Disease therapeutics course at the College of Pharmacy.

Residents are eligible to receive a competitive salary and benefits package, including vacation leave, sick leave, medical and dental insurance and a travel allowance for professional meetings.

Applicants must be graduates of an ASHP accredited PGY-1 program and should indicate, in a letter of intent, their preference for the Infectious Diseases residency. An official transcript from an accredited college of pharmacy and three letters of reference are also required as part of the application process. At least two letters must be from a PGY1 preceptor and/or Residency Program Director. Applications will be reviewed for academic excellence, professional motivation as demonstrated through service to the pharmacy community, leadership skills and communication skills. Applicants deemed to have potential as residents will be invited for an interview.

For more information on the residency program described, please contact:

Veena Venugopalan, Pharm.D.  
Clinical Coordinator, Infectious Disease Pharmacotherapy,  
Director, PGY-2 Pharmacy Residency Program in Infectious Diseases  
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Email: vev9005@nyp.org  
http://tbh.org/medical-education/pharmacy-residency-program-pgy2-infectious-diseases
December 2, 2011

Dear Prospective Resident,

Thank you for expressing an interest in our residency training program. I applaud your motivation to complete post-graduate training and I am thrilled that you have considered our program as the next step in your education and training.

As a full-time academician for almost twenty years, I take pharmacy education seriously. I have built a team of residency faculty that share my passion for pharmacy practice and are eager to impart their knowledge and experience on you. I believe that we are able to offer you one of the most dynamic, challenging, and rewarding programs in the country. Your residency year starts in mid-June with an extensive house-staff orientation program. During this orientation, you will undergo training in basic and advanced cardiac life support, pediatric life support, conscious sedation, and other areas, alongside the incoming physician house-staff. You will also begin orientation to the on-call program during this time. Your orientation will continue through July as you become acquainted with the nuts and bolts of pharmacy operations. The remaining eleven months are divided into clinical rotations, as described in the “Rotation Selection Form” found in this packet. These rotations are split between required and elective rotations. Our elective rotations enable residents to develop a focus in areas of interest.

Our motto, “The Remedy is Experience”, reflects the overall mission of our program. Our mission is to afford residents the opportunity to gain experience and knowledge in a pharmacotherapy model that functions as a think tank and proving ground for new programs and services. This model promotes the concept of pharmaceutical care within the hospital and, upon your completion of the program, it is anticipated that you will move on to complete specialized (PGY-2) training and ultimately become engaged with other institutions where you will take pharmacy practice to a higher level, implementing the services that you were exposed to during the residency program. The integration of each resident into the pharmacotherapeutic services at the hospital provides a level of experience that is often not found in residency training programs. Additionally, with five PGY-1 residents and three PGY-2 residents, there is ample opportunity to share ideas, the triumphant highs, and the occasional lows with a supportive group. An esprit des corps is very apparent amongst our residents. I urge you to spend some time talking with them as part of your interview process.

Please review the enclosed materials, take time to meet with us, ask questions. We truly try to find candidates that will fit well with our program’s “personality”. Without the slightest hesitation, I can assure you that if you are a good fit for our program, you will grow more in one year than you could possibly imagine and you will enjoy the ride at the same time! Good luck in your quest and thank for considering us.

Sincerely,

[Signature]
modern setting that has transformed the borough's first hospital into Brooklyn's newest. Our staff is dedicated to meeting your healthcare needs. We are committed to making your stay as pleasant and comfortable as possible. More than 500,000 people a year come for medical care at The Brooklyn Hospital Center.

Our values: community, ownership, respect, service excellence and teamwork

**A LITTLE ABOUT BROOKLYN, NEW YORK!**

**Brooklyn** is one of the five boroughs of New York City, named after the Dutch city Breukelen. Brooklyn is New York’s most populous borough, with nearly 2.5 million residents.

Brooklyn is located on the westernmost point of Long Island and shares its only boundary with Queens (to the northeast). Brooklyn’s waterfront faces different bodies of water. The northern coast is defined by the East River and the southern coast includes the peninsula Coney Island, Brighton Beach and Manhattan Beach.

- County: Kings
- Population: 2,465,326 (2005 Census Bureau)
- Population Density: 34,920/mi²
- Area: 251.0 km² (96.9 mi²)

**Demographics**

According to 2005 U.S. Census Bureau estimates, there are 2,486,235 people (up from 2.3 million in 1990), 880,727 households, and 583,922 families residing in Brooklyn. The population density was 13,480/km² (34,920/mi²). There were 930,866 housing units at an average density of 5,090/km² (13,180/mi²). Residents of Brooklyn are known as **Brooklynnites**, and their sometimes distinctive Brooklyn accent is colloquially known as **Brooklynese**.

**Neighborhoods**

Brooklyn is developed from distinct towns and villages from its founding Dutch colonial era, has many well-defined neighborhoods. Many are architecturally and ethnically distinct, after growing rapidly in the late 19th and early 20th century as upwardly-mobile immigrants moved out of tenement buildings in Manhattan neighborhoods like the Lower East Side.

**Transportation**

Brooklyn is very well served by public transit. Many New York City subway lines run through the borough, including the 2, 3, 4, 5, A, C, B, D, F, J, M, N, R, Q, L, and G (running from Brooklyn to Queens). The public bus network covers the entire borough. New York’s famous yellow cabs also provide transportation in Brooklyn, although they are less numerous in Brooklyn than in Manhattan.
The Brooklyn Hospital Center (TBHC) is a 464-bed acute care voluntary teaching hospital. TBHC services Central and North Central Brooklyn including the communities of Fort Greene/Clinton Hill, Flatbush, Bedford-Stuyvesant, Bushwick, Crown Heights, Williamsburg and East New York/Brownsville.

For more than 160 years TBHC has played a critical role in meeting the health care needs of the over 1 million residents in its service area and this is reflected in the broad scope of health care it provides - from emergency services for life threatening conditions to vaccinations and immunizations to prevent disease. Services are available in a variety of settings designed to increase access at the hospital campus, at community-based locations and in patients’ homes. TBHC admits over 20,000 in-patients each year with many admitted through the Hospital’s emergency department, which treats over 50,000 patients annually.

TBHC provides Ambulatory services at the Hospital’s campus and at the Caledonian Health Centers (the affiliated network of four ambulatory care outpatient sites). TBHC makes every effort to address the specific health care needs of the community through programs such as its “Program for AIDS Treatment and Health”, its chronic renal dialysis center and a primary care mobile van, operated in conjunction with New York University’s School of Nursing. Comprehensive services benefit all age groups as frail newborns in the Neonatal Intensive Care Unit receive state of the art treatment and adults recovering from strokes and other impairing conditions regain daily functioning skills with the help of physical, occupational and speech therapy services.

The Brooklyn Hospital Center, a member of the NewYork - Presbyterian Healthcare System since 1998, will continue to develop a health care delivery system that provides access to the highest quality health care services to residents of the entire New York region.
Mission Statement

The overall mission of the Pharmacy Residency Program is to afford residents the opportunity to gain experience and knowledge in a pharmacotherapy model that functions as a think tank and proving ground for new programs and services. This model promotes the concept of collaborative drug therapy management in a direct patient care setting within the hospital and outpatient clinics and, upon the resident’s completion of the program, it is anticipated that they will move on to other institutions and implement the services that they were exposed to during the residency program. The motto of this dynamic Pharmacy Residency Program is “The Remedy is Experience”. The integration of each resident into the pharmacotherapeutic services at the hospital provides a level of experience that will enable the resident to achieve the following overall outcomes:

1. Attainment of a high level of communication skills that include written, oral, and presentation skills
2. The ability to provide a high level of direct patient care based on thorough patient assessment skills, pharmacotherapeutic evaluation, clinical acumen, critical thinking and problem solving skills
3. The ability to develop and implement innovative pharmacy practice models
4. To develop the skills necessary to educate healthcare professionals and students of the professions, as well as developing skills to become a lifelong learner
5. To hone job skills necessary to obtain positions as clinical pharmacists, clinical coordinators, or clinical track faculty members
Benefits Summary Sheet for Pharmacy Residents (PGY-2)

- **Vacation:** Ten (10) days per year when requested in accordance with the Attendance Policy and with the Program Director’s approval.

- **Conference:** Five (5) days per year when requested in advance. Conference time is counted as vacation time on attendance records. Attendance and travel to two conferences is covered by the hospital. (Valued at $2000)

- **Holidays:** None; (there are eight (8) Legal holidays per year: New Year’s Day, Martin Luther King Day, President’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day). With the Program Director’s permission, holidays may be taken as vacation days if they do not conflict with the on-call schedule.

- **Personal Days:** Five (5) days a year (see Attendance policy for conditions of use).

- **Sick Days:** Twelve (12) days per year, accrued at a rate of one per month. These are not to be used in lieu of personal or vacation time.

- **Bereavement:** Five (5) days for death of a Parent, Spouse or Child. Four (4) days of death of a Grandparent, Brother, Sister, Mother-in-Law or Father-in-Law.

- **Medical Coverage:** Empire Blue Cross/Blue Shield as outlined in hospital benefits booklet (payroll deduction)

- **Dental Coverage:** Guardian (covers annual checkup and discounted dental care; payroll deduction)

- **Vision Coverage:** Spectera (covers annual examination and prescription with no payroll deduction)

- **Short Term Disability:** (no payroll deduction)

- **Life Insurance:** (no payroll deduction)

- **Meals:** $120 per month meal pass for cafeteria dining ($1440 value)

- **Housing:** One studio apartment, adjacent to the hospital complex, may be available for a subsidized rental of ~$850 per month

- **Salary:** $44,000

- **Total Benefits Valued at $>55,750**

*NOTE: Use of sick time or bereavement time, combined with vacation, personal, and conference time may NOT exceed 22 days per year without having to make program time up without pay. This is per ASHP residency standards.*
# Contact Sheet

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<tr>
<th>Name</th>
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| Robert DiGregorio, Pharm.D., BCACP | Senior Director, Pharmacotherapy Services  
Residency Program Director, PGY-1 Program  
Residency Program Director, PGY-2 Ambulatory Care Program | RVD9002@nyp.org  
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| Angie Davanos, Pharm.D., CNSC  | Pharmacotherapy Specialist, Nutrition Support  
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| Shalonda Williams, Pharm.D. | PGY-2 Pharmacy Resident, Amb Care | SDW9003@nyp.org |
Please fill in the information, check the appropriate boxes, sign and return to Dr. DiGregorio by January 6, 2012.

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PGY2 Program: □ Ambulatory Care Pharmacotherapy □ Infectious Diseases Pharmacotherapy

(check one)

Submission Timeline

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<td>Curriculum Vitae</td>
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<td>Letter of Reference (PGY1 Director)</td>
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Interviews will be scheduled on Fridays, beginning with January 20th and continuing through March (if necessary). Please indicate your preference for an interview date below, ranked from your first preference to last:

January 20th
January 27th
February 3rd
February 10th
February 17th
February 24th

□ I am a citizen of the United States of America, or am a resident alien (“Green Card”) and will be eligible for licensure in the State of New York prior to July 1st, 2012

□ I understand that prior to employment by The Brooklyn Hospital Center, I must undergo drug testing and a criminal background check. I attest that such checks will not yield positive findings that would jeopardize my status as a prospective resident. (If you are not sure, you must discuss the potential issues with the Residency Program Director at your interview and prior to submitting information into the NRMP).

□ I understand that prior to July 1, 2012, I must be licensed in NYS.

Applicant Signature: ___________________________ Date: ___________________________