



EXPERIENTIAL PROGRAMS

Preceptor Name: Michael R. Muller, Pharm.D.

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Rotation Description

Location: Neonatal Intensive Care Unit, Women & Infants Hospital

Site Description Information:

Women & Infants Hospital in Providence, RI is a non-profit teaching institution that is home to a Level 3 Neonatal Intensive Care Unit (NICU). The NICU is a regional referral center for infants born in Rhode Island, Southeastern Massachusetts and Eastern Connecticut. The hospital has ~9,000 births annually and the NICU has ~1350 admissions annually. The average daily census has been ~65 patients for 2005. Patient length of stay is from 2 days to 6 to 8 months. The NICU cares for not only patients with issues of prematurity, but with cardiac, surgical, neurological, and infectious disease specialty needs as well. The NICU is staffed with a multi-disciplinary team consisting of attending physician faculty, fellows, residents, interns, medical students, nurse practitioners, clinical pharmacist, nurses, nursing students, respiratory therapists, nutritionists, and clinical social workers.

The ideal candidate for this advanced practice experience should possess a high degree of maturity, reliability, motivation, and independence. The ideal candidate should have a solid understanding of pathophysiology, pharmacology, and pharmacokinetics. The candidate must be comfortable with presenting pharmaceutical care within the multi-disciplinary team model.

Resources available to the candidate include a computer work station and desk, text books, access to computerized drug information (ie Micromedex), the internet (ie PubMed) and 4 libraries (W&I Hospital, Rhode Island Hospital, Hasbro Children's Hospital, and Miriam Hospital), as well as Interlibrary Loan.

Goals/Objectives:

- Become familiar with neonatal and pediatric pharmacology and pharmacokinetics
- Become familiar with common neonatal disease states
- Become familiar with the morbidities of prematurity
- Learn to integrate pharmacotherapeutics in an interdisciplinary medical team model of care
- Practice developing a pharmacotherapeutic plan and following through on it's implementation and monitoring

Projects and/or required activities:

The candidate will be responsible for attending daily Interdisciplinary Rounds with his/her assigned team. The candidate will be responsible for following 25-35 patients (not all acute care). The candidate will be responsible for recording all pharmaceutical care interventions, as well as, all drug information requests, adverse drug events, and medication errors. During the 5 week experience, the candidate will be responsible for 1 written project (research paper or other) and 1 oral project (pharmacy conference comprising of a topic of interest and case-based presentation).

In addition, twice weekly, Clinical Pharmacist Teaching Rounds with required readings are held to cover a core curriculum. Depending on the candidate's interests, optional but encouraged, medical education experiences are available, including a Perinatal Management Conference (syn. Grand Rounds), Perinatal Seminar (including Mortality and Morbidity, Infectious Disease, and Nutrition Conferences and Journal Club), Perinatal Pathology Conference, Multi-disciplinary Antenatal Diagnosis and Management (MADAM) Conference, Psycho-Social Service Rounds, and Attending Physician Teaching Rounds.

Hours of service (please indicate if evening hours are required):

The candidate is expected to report by 7:00 A.M. to pre-round and data collect on his/her patients prior to Interdisciplinary Rounds. The candidate is expected to remain at the rotation until all required daily activities are completed, generally around 4:00 P.M. Flexibility is made available for longitudinal rotations, child care, and other needs at the discretion of the preceptor.

Name of person who students should contact prior to start of rotation:

Michael Muller, Pharm.D., by email (mmuller@wihri.org)

Student Immunization Record Required? Yes. Documentation of 2 MMR vaccinations, Varicella (Chicken Pox) disease or vaccination, and 2 TB tests within the last year are required. A rubella titer is desirable but not required prior to start of rotation. Students must bring a copy of their immunization record to the Employee Health Office on the first day of rotation.

Other Requirements (Examples background checks, CORI form):

BCI (Bureau of Criminal Investigation) Check

Additional information:

The Volunteer Services Department is responsible for integrating all non-paid personnel into the hospital environment. All pharmacy interns working for Women & Infants go through a process consistent with that of paid staff, which includes:

- * Completing a Volunteer Application which may be completed in advance at: <http://womenandinfants.org/body.cfm?id=128>
- * Health Screening through the Employee Health Office
- * In-service Program on hospital-wide Infection Control, Safety and Standards of Performance
- * Criminal Background Check
- * Review of process for documenting and reporting hours worked
- * Review of and agreement to Confidentiality and Ethics Guidelines
- * Issuance of a hospital Identification Badge and return of that badge at completion of the internship

This process is accomplished by an interview with a member of the Volunteer Services Staff. The preceptor will schedule an appointment for the student to be interviewed on his/her first day. The student will **need to bring the following** to this pre-scheduled meeting to facilitate the process.

- * All Vaccination or History of Disease records (specifically including):
- * A copy of their MMR immunization dates (2 dates).
- * Documentation of any TB testing in the last year.
- * Documentation of a rubella titer, if they have one on record.
- * A photo ID (i.e. driver's license or passport) that includes date of birth.

If you have any questions regarding our intake process, please do not hesitate to call the Volunteer Services Department at (401) 276-7802.

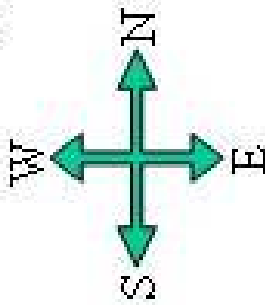
The candidate must also have a valid Pharmacist Intern (Limited License) from the State of Rhode Island Board of Pharmacy.

Driving and Parking Directions:

See next page.

Women & Infants' Parking

Day Parking *use this lot if you arrive between 6am - 2pm (M-F)*



Women & Infants' Parking

WOMEN

Broad Street

Westminster Street

Washington Street

Bowling Green Avenue

From South & 195:
Take 95 North to Exit 21 (Broadway)
At 2nd light take a left (Atwells Ave).
At the next light take another left (Service Road 7).
Follow directions below.

From North:
Take 95 South to Exit 21 (Atwells Ave). Go straight through 4 sets of lights. When parking lot is on the right.

Service Road No. 7

To Hospital

Exit 21

Exit 21

I-95

I-195

Broadway (under construction)

Atwells Avenue

- Shuttle Hours: Mon - Fri, 6am - 7pm (no holidays)
- Approximate Round Trip: 8 minutes
- 00&Security: 01-274-1122 x1635