

Learning Experience Description

Required Learning Experience	Overview
Ambulatory Care (krystal.pong@johnmuirhealth.com)	<ul style="list-style-type: none"> ▪ 4 clinic settings: <ul style="list-style-type: none"> ✓ Anticoagulation – phone based, primarily warfarin management including bridge therapy (comprises approximately 50% of rotation duties) ✓ Medicare Stars – phone based, medication therapy management aimed at improving chronic disease state management ✓ Family Medicine Clinic – face-to-face, medication education and drug information ✓ Comprehensive Care Clinic – face-to-face, patient interviews, comprehensive medication review in conjunction with medical residents in the JMH Family Medicine Residency program
Critical Care (jessica.moore@johnmuirhealth.com)	<ul style="list-style-type: none"> ▪ 24-bed Neuro/Trauma ICU (Level II Trauma Center) ▪ 24-bed Medical/Surgical ICU ▪ Multidisciplinary team rounding in a fast-paced environment ▪ Specialties include neurology, trauma, surgery, hematology/oncology, GI, cardiology, gyn-oncology, pulmonology, ID, nephrology ▪ Pharmacy driven protocol management
Internal Medicine (nichol.baxter@johnmuirhealth.com)	<ul style="list-style-type: none"> ▪ Focuses on medication therapy management for patients admitted to the general medicine units (~50 patients) ▪ Conditions/disease states include: AFib, CHF, HTN, DM, COPD, CKD ▪ Pharmacy driven protocol management
Pharmacy Operations (amy.chang@johnmuirhealth.com)	<ul style="list-style-type: none"> ▪ Staffing in a centralized pharmacy team setting to improve proficiency in medication distribution using various technologies ▪ Care provided for over 300 patients, 3 cath labs, 13 ORs, outpatient infusion center, various ICUs, and labor & delivery services ▪ Duties will include order verification, manual checking of doses/cartfills/emergency medication boxes, technician oversight, and precepting IPPE/APPE/technician students
Administrative Practice martin.iyoya@johnmuirhealth.com (longitudinal)	<ul style="list-style-type: none"> ▪ Collaboration with pharmacy managers, supervisors, and other department leaders within the multi-facility health system ▪ Various projects will support the functioning of the inpatient pharmacy, clinical staff, and health system: <ul style="list-style-type: none"> ✓ MUE ✓ Cost savings initiatives ✓ Committee involvement ✓ Research and education (residency project, grand rounds, etc)
Elective Learning Experience*	Overview
Emergency Medicine (ravipal.singh@johnmuirhealth.com)	<ul style="list-style-type: none"> ▪ 40 beds ▪ 4 trauma bays (Contra Costa County's adult trauma center, Level II) ▪ Multidisciplinary management of patients in a fast-paced environment ▪ Specialties include trauma, GI, ID, general medicine, surgery, cardiology, endocrinology ▪ Pharmacy driven protocol management
Medication Safety (amy.chiu@johnmuirhealth.com)	<ul style="list-style-type: none"> ▪ Expose residents to key principles used to improve medication safety in the hospital setting ▪ Become proficient at medication safety nomenclature, policies, and regulatory requirements ▪ Participate in medication use review, medication error investigation, preform data analysis to identify areas for improvement, and participate in Medication Safety Committee
Pediatrics (sadee.tran@johnmuirhealth.com)	<ul style="list-style-type: none"> ▪ 3 pediatric practice areas: <ul style="list-style-type: none"> ✓ Peds ICU (8 beds) ✓ NICU (~30 beds)

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	<ul style="list-style-type: none"> ✓ General pediatric medicine (16 beds) ▪ Specialties include GI, ID, endocrinology, hematology/oncology, pulmonology (cystic fibrosis) ▪ Multidisciplinary rounding (includes Family Medicine medical residents) in a fast-paced environment ▪ Pharmacy driven protocol management
Neuro/Trauma ICU (randi.douglas@johnmuirhealth.com)	<ul style="list-style-type: none"> ▪ 24-bed Neuro/Trauma ICU ▪ Gain targeted expertise in the management of critically ill patients encountered in a comprehensive stroke center and Level II trauma center ▪ Concentrated focus on condition/disease states including: <ul style="list-style-type: none"> ✓ Status epilepticus, refractory ✓ Malignant cerebral edema ✓ Increased intracranial pressure ✓ Stroke (ischemic, SAH, ICH) ✓ Traumatic brain injury ✓ Spinal cord injury ▪ Multidisciplinary care in a fast-paced environment ▪ Pharmacy driven protocol management
Infectious Disease (jessica.moore@johnmuirhealth.com)	<ul style="list-style-type: none"> ▪ Incorporate antimicrobial stewardship principles into practice ▪ Participate in therapeutic decision making, drug therapy selection, and monitor/optimize antimicrobial therapy ▪ Participate in ASP subcommittee
Progressive Care (trevor.millington@johnmuirhealth.com)	<ul style="list-style-type: none"> ▪ 12-bed Neurological step down unit ▪ 36-bed Medical step down unit ▪ Specialties include pulmonology, neurology, GI, cardiology ▪ Multidisciplinary care in a fast-paced environment ▪ Pharmacist involvement with identifying and overcoming barriers to discharge and safe transitions of care ▪ Pharmacy driven protocol management
Oncology (amy.riedel@johnmuirhealth.com)	<ul style="list-style-type: none"> ▪ Alongside Oncologists, Hematologists, and Nurses in the Oncology Unit ▪ Multidisciplinary rounding to develop oncology treatment plans ▪ Duties will include making, prepping, and checking chemo ▪ Will gain experience and knowledge in the treatment and management of hematologic and solid tumor malignancies, TLS, neutropenic fever, pain management, chemo induced N/V, and supportive care

* The resident must pick at least 2 elective learning experiences in direct patient care and spend no more than 4 months w/ same patient population in the residency year. All experiences are in 6 week blocks unless otherwise specified.

Unless otherwise specified, clinical/patient-centered rotation duties may include, but not be limited to:

- Patient interviews and counseling
- Determining appropriate/optimal therapy plans
- Drug information/education responses for healthcare professionals and patients/caregivers
- Precepting IPPE/APPE students
- Order verification
- Medical emergency response (i.e. code blue)

Pharmacy driven protocols at JM Health include:

- Electrolyte management
- Renal dose adjustment
- Anticoagulation management (i.e. heparin/argatroban/warfarin)
- Stress ulcer prophylaxis management
- Vancomycin/Aminoglycoside dosing and monitoring
- Narrow therapeutic index medication monitoring
- Parenteral nutrition monitoring and adjustment