



## PGY2 Pain Management and Palliative Care Learning Experience Descriptions

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### Required Learning Experiences

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#### **Orientation**

Required, 3 weeks

Paige Broccio, PharmD, BCPS

Orientation will provide the resident exposure to the decentralized pharmacy practice model, including established clinical activities and the medication distribution process. The resident will receive training on the electronic health record (Cerner). While rotating through the Pharmacy department, the resident will have an opportunity to work with various members of the pharmacy staff. The resident will participate in various clinical topic discussions as well as begin working on the required MUE and research projects.

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#### **Inpatient Acute and Chronic Pain Management I-III**

Required, 4 months

Paige Broccio, PharmD, BCPS  
June Vasquez, PharmD, BCPS

The Inpatient Acute and Chronic Pain rotations will refine the necessary skills in assessing and monitoring therapeutics, evaluating pharmacokinetics, reviewing drug information, communicating with interdisciplinary health care members (written and verbal), and educating health care professionals and patients for the treatment of the patients experiencing acute and/or chronic pain. The resident will function as a member of the pharmacy-based pain management service, responding to pain consults and performing daily follow up on patients. Through these rotations, residents will gain exposure to a variety of pain conditions, including acute postoperative or trauma-related pain syndromes, chronic pain syndromes, and pain syndromes complicated by the presence of substance abuse. These experiences are the basis of the PGY2 residency year and are intended to provide the resident an opportunity to develop and refine the pharmacotherapeutic skills necessary to provide appropriate care. As the year progresses the resident will be expected to obtain proficiency and autonomy under the supervision and mentorship of dedicated Pain Management and Palliative Care Clinical Pharmacy Specialists.

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#### **Oncology**

Required, 1 month

Angela Pearson, PharmD, BCPS

The Oncology experience will provide the resident an opportunity to develop and refine their pharmacotherapeutic skills related to the treatment of hematological and oncological disease states. The resident will provide care on the inpatient oncology unit, with a focus made on pain management and symptom management interventions. The resident will also be responsible for maintaining the Hematology/Oncology clinical notebook by responding to new dosing consults and monitoring/intervening as appropriate on existing consults and multi-day chemotherapy regimens.

**Opioid Stewardship**

Required, 1 month

Paige Broccio, PharmD, BCPS

The opioid stewardship experience will provide opportunities to enhance the resident's skills as an effective leader in the pain management and palliative care environment. The resident will be assigned various projects throughout the month based on the needs of the department and the resident's interests. The resident will work with the preceptor to gain knowledge of the order set development and maintenance process. This may include developing or updating a policy, procedure, or order set; meeting with members of the multidisciplinary team to review and gain consensus; working with IT to implement changes.

**Palliative and Hospice Care I-II**

Required, 2 months

Paige Broccio, PharmD, BCPS

The Palliative and Hospice Care experience is another basis of the PGY2 residency year, and will provide the resident further experience treating patients with pain and symptom management issues, including those who are actively dying, undergoing terminal extubation/withdrawal of life support, and experiencing spiritual and emotional pain along with dyspnea & terminal restlessness. The resident will spend time in the 31-bed inpatient Palliative Care Unit and round with physicians covering the palliative care service. They will also spend time at a local hospice house and round with physicians and physician extenders in the outpatient hospice setting at one of four local hospice companies after attending hospice orientation.

**Psychiatry**

Required, 1 month

Melody Stevens, PharmD, BCPS

The Psychiatry experience will provide the resident an opportunity to develop the pharmacotherapeutic skills necessary to care for psychiatric patients and patients with various substance use disorders. This will take place at the Center for Behavioral Health and Wellness and will provide therapeutic knowledge and practical experience in psychiatry and how psychiatric conditions affect patients' reporting of pain.

**Trauma**

Required, 1 month

Rebecca Rich, PharmD, BCCCP, FCCM

Trauma is a one month learning experience that takes place primarily in the Trauma Intensive Care Unit (TICU) with a focus on the general management of trauma patients. The purpose of the rotation is to allow the resident to develop and refine pharmacotherapeutic skills related to trauma patients throughout their hospital stay, with a focus on management of acute and/or acute on chronic pain.

**Required Longitudinal Learning Experiences**

**Clinical Research**

Required, longitudinal

Assigned Research Advisor(s)

The Clinical Research longitudinal experience will require the resident to complete an MUE and formal research project through the course of the year. The resident is the primary investigator and responsible for developing the research idea, obtaining IRB approval, data collection and analysis, and drawing conclusions with the assistance of research advisors. A poster presentation of the MUE results is taken to the ASHP Midyear Clinical Meeting. The research project results are presented at the Florida Residency Conference (FRC). Both projects are also presented at the pertinent LRH committees. A manuscript is prepared and submitted for publication prior to the completion of the residency year.

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**Presentations**

Required, longitudinal

Assigned Presentation Advisor

The Presentations longitudinal experience will provide the resident an opportunity to formally present pertinent topics in multiple formats to various members of the multi-disciplinary team. The purpose of these presentations is to educate other members of the healthcare team, learn how to present to professionals with a variety of expertise and healthcare experience, and gain confidence in public speaking. The resident is required to formally present once each quarter to the healthcare team, including physicians, nurses, respiratory therapists, and/or pharmacists. Additionally, a one hour continuing education presentation (seminar) to the pharmacy staff (along with members of the multidisciplinary team) is required.

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**Professional Development**

Required, longitudinal

Selected Residency Advisor

The Professional Development longitudinal experience will foster the professional evolution and personal progression of the resident through a variety of non-patient care related activities. This experience will provide the resident opportunities to learn how to positively contribute to their own development as well as contribute to the healthcare system as a whole. The resident is required to present a P&T monograph or drug class review, participate in P&T and pain subcommittee meetings, actively participate in the recruitment and selection of the next PGY2 Pain Management and Palliative Care resident, and complete the PGY2 Pain Management and Palliative Care Pharmacy Resident Topic Review List.

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**Staffing**

Required, longitudinal

Anthony Pazanese, PharmD

The Staffing longitudinal experience allows the resident to provide complete patient care as a decentralized unit-based pharmacist from 0700-1930 Saturday and Sunday when scheduled and one evening a week. The resident will be responsible for verifying orders, providing pharmacotherapy consult services, ordering & monitoring TPNs, resolving physician & nursing medication problems, and being present as a drug information resource. In addition, the resident is expected to review all patients' medication profiles and pertinent history in an effort to optimize outcomes by proactively intervening on patient medication issues.

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## Elective Learning Experiences

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### **Addiction Recovery**

Elective, 2 weeks

June Vasquez, PharmD, BCPS

The Addiction Recovery experience will allow for the resident to gain exposure to management of substance abuse including opioids, alcohol, and illicit drugs. The resident will have the opportunity to attend one-on-one and group counseling sessions, and participate in the treatment and medication management of opioid use disorder.

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### **Emergency Medicine**

Elective, 1 month

Kayla Wilson, PharmD, MS, BCPS, BCEMP  
Megan Nguyen, PharmD, BCEMP  
Heather Schucker, PharmD, BCEMP

The Emergency Medicine experience will provide an opportunity for the resident to develop and refine assessment and pharmacotherapeutic skills as related to the treatment of critically ill emergency department patients, with a focus on management of pain and, when necessary, sedation in this setting.

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### **Interventional Medicine**

Elective, 2 weeks

Paige Broccio, PharmD, BCPS

Interventional Medicine is a two week long elective learning experience, which takes place at the outpatient pain management office of a local interventional pain management physician. The resident will actively participate in the management of chronic pain patients, participating in patient assessments and developing recommendations for medication management and non-pharmacological therapy. The resident will also gain further exposure to various types of interventional pain management procedures, including spinal cord stimulation, intrathecal pumps, and radiofrequency denervation.

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### **Toxicology**

Elective, longitudinal

Kayla Wilson, PharmD, MS, BCPS, BCEMP  
Megan Nguyen, PharmD, BCEMP  
Heather Schucker, PharmD, BCEMP

The Toxicology experience will be an elective longitudinal rotation throughout the year to allow residents to develop and refine skills of managing toxicology patients. The resident will review patients with toxicology complaints and intervene when necessary. They will follow the patient throughout their stay, document a toxicology note in the electronic medical record, and participate in topic discussions to enhance their knowledge in managing these patients.

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### **Intensification of Required Learning Experience**

Elective, 2 weeks to 1 month

Preceptor - TBD

The resident may choose to intensify any required or elective rotation as an additional elective experience. These experiences will be developed at the discretion of the resident and will be highly tailored to the specific needs / requests of the resident. The experience may vary in length but will be at least two weeks in duration.