

Post Graduate Year 2 Oncology Residency Training: The South Florida Before, After, and Future Journey

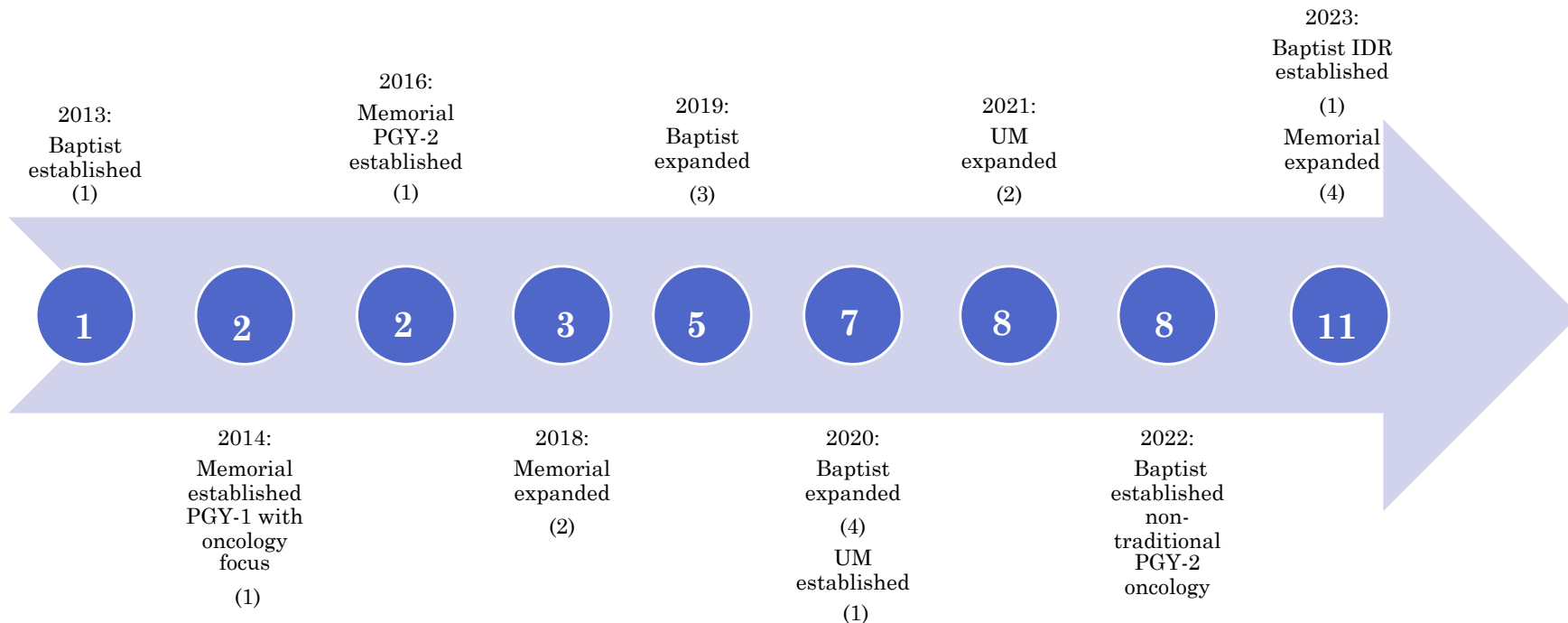


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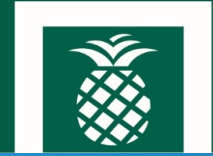
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Oncology Residency Programs in Southeast Florida



Baptist Hospital & Miami Cancer Institute PGY-2 Oncology Residency Program



The first and largest PGY-2 Oncology
program in SE FL



QOPI®
Certified



Miami Cancer Institute

- Overview

- Established in 2013, ASHP accredited in 2015
- Seventeen program graduates with 100% BCOP pass rate
- 4 residents – traditional and non-traditional residents
- *New program in 2023* PGY-2 Investigational Drug Residency

- Strengths

- Subspecialized, decentralized, interdisciplinary, cohesive practice model
- Clinical and operational experience in all areas in acute and ambulatory settings
 - Solid tumors, neuro oncology, hematology, transplant and cellular therapy, investigational drugs, pediatric hematology/oncology, administration, and medication safety
- Preceptors are SMEs in practice setting, 18 PGY-2 graduates, 23 board-certified
- Large not-for-profit health care system spanning multiple counties in SE FL
- Pharmacy residency program is part of Baptist Health Academics



Miami Cancer Institute

- Program Structure

- 9 core rotations & 2 electives (solid-track or heme-track)
- Longitudinal inpatient and outpatient staffing
- Longitudinal research
- Medication use evaluation
- Drug monograph +/- regimen review
- Formal continuing education presentation
- Conference attendance to ASHP Midyear, HOPA, FLASCO, and more
- Committee participation through Oncology P&T, Regimen Review Committee, Executive P&T
- Precepting BHSF PGY1s and pharmacy students, teaching certificate
- BHSF resident development series and resident activities
- Formal mentor program
- Wellness *new*
- Community outreach
- Longitudinal education “POPP Series”



Miami Cancer Institute

- Preparing Oncology Pineapple Pharmacists (POPP)
 - Resident-led educational series tied to ASHP oncology required topics and supports ASHP objectives (R4.1.2, R4.1.3, R4.1.4, R4.1.5)
 - Provides more standardized approach to core topic discussions for large residency class
 - POPPs are more general overviews with focus on pharmacotherapy
 - Learning experience topic discussions are more focused, detailed, and case-based
 - Satisfies educational needs for department and interdisciplinary teams
 - Prepares residents and staff for board certification

Topic
Colon and Rectal Cancer
Infections in Malignant Hematology
Cervical and Endometrial Cancer
Non-Small Cell Lung Cancer
Acute Lymphoblastic Leukemia
Topic
Pancreatic and Hepatobiliary
Autologous Transplant and BMT Vaccinations
Allogeneic Transplant
Breast Cancer Part 1: ER, PR and HER2
Topic
GVHD: RFs, Grading, Prevention, Management of Acute/Chronic GVHD
Hodgkin and Non-Hodgkin Lymphoma
Infections in Bone Marrow Transplant
Project Management

Memorial Cancer Institute

PGY2 Oncology Pharmacy Residency



*Delivering Excellence in
Responsible Screening*



A QUALITY PROGRAM
of the AMERICAN COLLEGE
OF SURGEONS

Memorial Cancer Institute PGY2 Overview

- Started in 2016; expanded to 2 residents in 2018 and 4 residents in 2023
- ASHP-accredited through 2023
- Over 80% of preceptors are board certified in one or more area
- Weekly Leadership Development Program
- Process Improvement Training
 - Lean Six Sigma Yellow Belt
- Mentorship programs
 - Teaching and education
 - Professional and Career Advisor
 - Research and Publishing
- Advanced electives
 - Bone marrow transplant and Cellular therapy
 - Integrative Medicine
 - Oncology Informatics



IN PURSUIT OF *YOUR CURE.*

University of Miami Health System PGY2 Oncology Pharmacy Residency



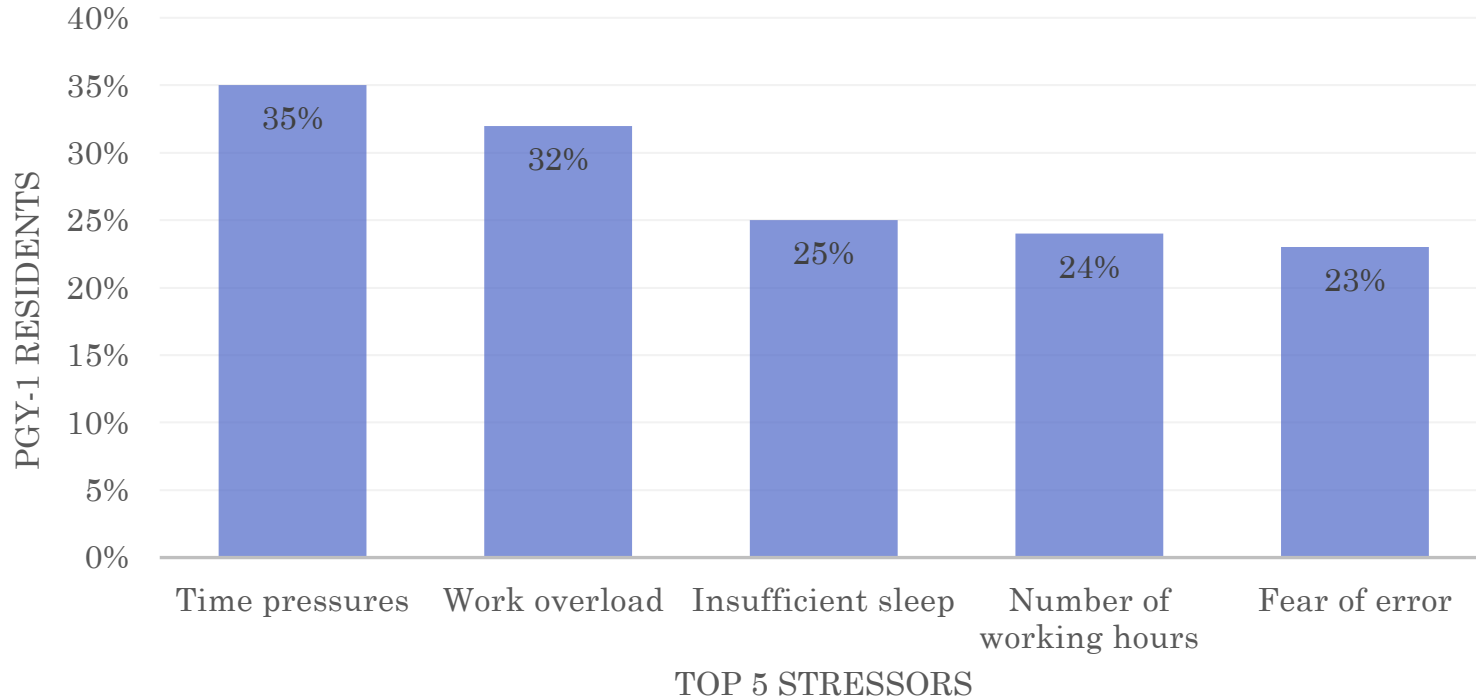
UHealth/SCCC

- Overview
 - Inaugural year 2020 – 2021
 - ASHP Accredited in 2022
 - Two residents
 - 18 qualified preceptors
- Core rotations (9) & Elective (1)
- Longitudinal experiences
 - Oncology staffing Q3rd weekend
 - Projects (research, MUE)
 - Presentations (CE, Case, Journal club)
 - Weekly topic discussions
 - Antineoplastics & supportive care & disease states
 - Committee involvement
 - Mentor program
 - Information technology exposure
 - Optional precepting experience

Challenges


- Program director perspective
 - Administrative time and/or financial support for the role
 - Ability to provide adequate support to the residents and preceptors
 - Recruitment time
- Preceptor perspective
 - Continued motivation to contribute to training programs
 - Qualifications to contribute effectively as a preceptor
- Resident perspective
 - Burnout during PGY1 pharmacy practice residency programs
 - Burnout during PGY2 programs
 - Licensure process
 - Availability of positions at the correct timing within the year
 - Jobs need to be known by Midyear Clinical Meeting for proper recruitment

Stressors Among Pharmacy Residents



Recommendations to Address Resident Well-Being

Individual	Evidence Summary
Programs	<ul style="list-style-type: none">• Educate during orientation on burnout, risks, and mitigation strategies• Measure burnout objectively at baseline and periodically thereafter• Focus should be on addressing resident concerns, rather than simply teaching non-specific approaches to reduce burnout• Include well-being in development plans, integrate measures to assess resident well-being and evaluate interventions• Provide time off for residents to take care of personal needs
Preceptors	<ul style="list-style-type: none">• Allow residents to practice autonomously and decision making• Allow residents to have flexibility and sense of self-control in scheduling, time to work on activities they find most meaningful and fulfilling• Strong mentor-mentee relationships can help identify burnout, improve well-being and resilience, and reduce the stigma with mental health• Consider resident workload to provide meaningful learning experiences and limit activities perceived as 'busy work'



The Future of South Florida PGY2 Programs

Non-Traditional Residency

- Non-Traditional Residents
 - Defined by ASHP as pharmacy residents who do not enter PGY-1 residency immediately after graduation
- Non-Traditional PGY-1 Residency Programs
 - May reduce resident time and financial burdens compared to traditional residency program
 - Several programs including John's Hopkins, MUSC, Rush
 - Program length varies from 1-3 years
 - Many programs restrict to internal candidates to develop current staff, other programs may attract candidates to more remote locations

Non-Traditional Residency

- Miami Cancer Institute Non-Traditional PGY-2 Oncology
 - PGY-1 graduate with post-residency practice experience motivated to pursue oncology residency to further develop oncology clinical skills
 - Non-traditional residents maintain pharmacist salary while completing the program
 - Program length is 2 years
 - Same learning experiences and requirements as traditional
 - Rotations alternate with staffing months

06-27_7-7	07-11_08-19	08-22_09-16	09-19_10-14	10-17_11-11	11-14_12-16	12-19_01-13	01-16_02-10	2-13_03-10	03-13_04-14	04-17_05-12
2 weeks	6 weeks	4 weeks	4 weeks	4 weeks	5 weeks	4 weeks	4 weeks	4 weeks	5 weeks	4 weeks
BHSF Pharmacy Residency Orientation	Oncology Operations		Med Onc 1		Inpatient Hematology (1st 4 weeks)		BMT			Med Onc 2

Non-Traditional Residency

- Miami Cancer Institute Non-Traditional PGY-2 Oncology Applicant Requirements
 - Graduate of ACPE accredited Pharm.D. program and ASHP accredited PGY-1 program
 - Current employee of Baptist Health South Florida for a minimum of 1 year
 - Participates in PhORCAS and ASHP NMS
 - Applicants submit complete application with CV, LOI, LOR, complete interview with formal presentation and ranking process
 - Ranking and match is a separate program from traditional

South Florida Oncology PGY2 Collaborative

- Collaboration between Baptist Health South Florida, Memorial Healthcare System, and University of Miami
 - Began in 2019 with journal club CE event hosted at Memorial Hospital West
 - Preceptors, residents, and students from each facility invited
- Challenges
 - COVID restricted ability to gather and staffing issues
 - Funding limited due to economic environment
 - Restrictions on industry sponsorship
- Future growth
 - Plan to reinitiate collaborative with virtual CE events across each system
 - Opportunities to leverage strengths of each organization to benefit the overall quality of education for Oncology PGY2s in the State of Florida
 - Expansion to additional sites within FL
 - Assist residents with job placement post-graduation

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