

**Postgraduate Year Two (PGY2)  
Oncology Pharmacy Practice Residency**

Program Director:  
Chris Selby, Pharm.D., BCOP

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**Overall Purpose:**

Graduates of the PGY2 residency program are prepared to practice as clinical pharmacy specialist in a variety of inpatient and outpatient oncology settings and to serve as a non-tenured faculty member at a school of pharmacy.

**Philosophy:**

The PGY2 specialty residency in Oncology Pharmacy Practice at Texas Tech University Health Sciences Center School of Pharmacy Dallas/Ft. Worth Regional Campus is designed to produce practitioners who exhibit excellence in the pharmaceutical care of hematology/oncology patients. An Oncology clinical specialist should possess a mastery of clinical skills needed to practice in a wide range of patient care settings and a solid knowledge base in oncology pharmacotherapy. The residency provides the environment necessary to obtain the knowledge and skills needed to care for patients with a wide range of disease states. The program will foster the development of an independent and versatile practitioner. The program is also designed to produce well rounded, independent professionals through experiences in teaching, research, and professional activities.

**General Description:**

The 12-month program is designed to guide the resident through a variety of inpatient and outpatient practice experiences. Core disease state experiences within this residency include lung, breast, prostate, colorectal cancer, leukemia, lymphoma, and bone marrow transplant among other malignancies. The resident may choose electives based on his/her career goals. The residency is through the Texas Tech University Health Sciences Center Jerry H. Hodge School of Pharmacy with pharmaceutical practice based at the UT Southwestern Clements University hospital and Simmons Comprehensive Cancer Center. In addition to patient care responsibilities, the resident will be involved in teaching activities, including didactic teaching, problem-based learning facilitation and precepting experiential clerkship students, as well as a residency research project.

**Program Goals:**

*Practice Excellence:*

- Develop an expert level knowledge base in oncology pharmacotherapy
- Develop solid patient care skills in the inpatient and outpatient settings
  - Should achieve excellence in core oncology disease states
- Develop a sound understanding of pharmacy practice management
- Establish one's self as an integral member of a health care team

*Scholastic Excellence:*

- Demonstrate proficiency in teaching in both didactic and small group learning environments
- Develop effective precepting skills
- Generate new knowledge in oncology pharmacotherapy
- Interpret and disseminate knowledge in oncology pharmacotherapy

*Individual Excellence:*

- Develop and improve upon a system of self-assessment skills
- Demonstrate exemplary verbal and written communication skills
- Utilize a system for balancing multiple work-related and personal responsibilities
- Understand the importance of professionalism through participation in pharmacy

For additional information, please refer to the *ASHP PGY2 Oncology Pharmacy Residency Education Goals and Objectives*.

**Program Activities:**

The residency experiences are divided into month long blocks. The resident is required to take all of the Required Rotations throughout the year with the option to integrate the Elective Rotations throughout the residency based on the resident's interest. All required rotations are within UT Southwestern Medical Group at either Clements University Hospital or the Simmons Comprehensive Cancer Center. Additional elective rotations are offered at Children's Medical center and the North Texas VA Health Care System.

*Required Rotations (~75% of time the entire year unless otherwise stated)*

- Orientation and Chemotherapy Training: (1 month)
- Medical Oncology Wards (1 Months)
- Acute Leukemia/Bone Marrow Transplant (1 Months)
- Ambulatory Care (3 Months, physician and pharmacist precepted)
- Academic: research project development / administrative Time (1 to 2 - ½ days a week)

*Elective Rotations*

- Investigational Drugs (pharmacist precepted)
- Infectious Disease (pharmacist/physician precepted)
- Hematology/Oncology Outpatient Longitudinal Clinic (multidisciplinary clinic, pharmacist precepted, VA)
- Hematology/Oncology Consult Service (multidisciplinary consult service, pharmacist precepted, VA)
- Pediatrics (multidisciplinary ward service, pharmacist precepted, Children's)
- Pain/Palliative Care Service (physician and pharmacist precepted, VA)

**Teaching Activities:**

Residents are appointed as Assistant Instructors with Texas Tech University Health Sciences Center (TTUHSC) School of Pharmacy (SOP). Teaching activities for residents are designed to complement practice activities while allowing the resident to experience a variety of teaching methods. Residents will be required to demonstrate skills necessary to function in an academic setting by completing the following activities:

*Clinician-Educator Residency Certificate Program*

The Clinician Educator Training Program is a program to provide training for PGY1 and PGY2 residents who are interested in developing their academic skills. The primary goal of the training program is to supplement a strong clinical background with the skills needed to become a successful educator. The learning objectives for this program are to develop a personalized teaching philosophy, create evaluable learning objectives and corresponding exam questions for a formal lecture, evaluate

students fairly, and to discuss effective teaching methodologies for a given scenario. The program includes didactic and web-based teaching models, mentored facilitator training for small group problem-based learning, and precepting of third and/or fourth-year student pharmacists. Residents also receive instruction in grant-writing, biostatistics, and clinical trial design; submit a project proposal to the institutional review board; and collect, interpret, and publish their results. Additional activities are provided to enhance discovery, integration, and writing skills. The program also includes innovative discussion topics based on needs previously identified by new faculty members. While the program targets residents with an interest in academia, the skill sets gained through the Clinician-Educator Training Program are applicable to a broad range of career opportunities.

### *Didactic Teaching*

One to two hours of formal didactic lectures within the school of pharmacy programs will be required. The courses that are to be taught will be based on availability and resident interest.

### *Problem-Based Learning*

Involvement as a group facilitator in the small group, problem-based learning, courses is required for residents. The purpose of this course series is to provide specific opportunities for students to apply knowledge from the classroom setting in a hands-on environment. The Clinical Correlations courses allow for reinforcement of foundational concepts, integration of knowledge and skills from multiple courses in relation to the practice of pharmacy, and demonstration of individual student mastery of core objectives. The course focuses on practical application of concepts in science and the practice of pharmacy within an integrated, applied, small-group learning environment. It also emphasizes the relationships between therapeutics, medication safety, pharmacy operations. Key foundational concepts in science and the practice of pharmacy are also reinforced in the context of advanced scenarios. The facilitator's role is not to teach the students, but rather to facilitate their discussion. During the semester, this course meets twice a week for two hours. Residents may be scheduled up to 16 sessions per semester.

### *Experiential Teaching*

Clerkship teaching, involving both P3 and P4 student pharmacists, is integrated into the resident practice model. Early in the program, the resident will observe faculty clerkship preceptors and become integrated into various aspects of clerkship teaching. During the residency program, residents will independently precept clerkship students for one to three rotations.

### *Residency Project*

Residents will complete one project per year. Residents may choose any type of research project or quality improvement program, provided that the project:

- 1) includes generation of original data;
- 2) is suitable for publication or presentation at a national pharmacy meeting;
- 3) can reasonably be completed within the residency year.

### *Journal Club*

Residents will participate in the PGY2 residency journal club throughout the year, presenting one formal journal club at this venue. Residents will also present journal clubs throughout the year at the request of individual preceptors.

### *Other Teaching/Educational Opportunities*

Residents will be required to provide in-services for pharmacy, nursing and medical services as required by preceptors. Residency topic discussions will be held at least weekly with hematology/oncology

preceptor and on individual rotations as required and/or requested. Residents may also participate in the resident-managed BCPS preparatory course at their own choosing.

### **Additional Activities:**

#### *Manuscript Preparation*

Residents are required to submit one manuscripts per year for publication in a refereed journal.

#### *Southwestern Leadership Conference (ALCALDE)*

Residents participate in this regional residents meeting, also known as ALCALDE, in the spring. Residents have the opportunity to present their project results for evaluation in a podium presentation.

#### *Poster Presentation*

Residents are required to present a poster of their work at the annual Hematology Oncology Pharmacy Association meeting in addition to an encore poster with a podium presentation at TTUHSC SOP Research Days.

#### *Student Interviews*

Residents may participate in the interview process for applicants to the TTUHSC SOP.

#### *Annual Assessment*

Residents will assist other faculty members with administration and proctoring of the Annual Outcomes Assessment Test as needed.

### **Information for Applicants:**

**Qualifications:** Residency applicants must have a Pharm.D. degree from an ACPE accredited institution, be eligible for licensure in Texas, and be eligible for preceptorship in Texas Tech University HSC School of Pharmacy. Candidates for the Oncology Specialty Residency must have completed a PGY1 Pharmacy Practice Residency. Candidates will be required to consent in writing to undergo a background check prior to employment.

#### **Contact Information**

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### Site Information:

The Texas Tech School of Pharmacy was established by the Texas Legislature in 1993 and is part of the Texas Tech University Health Sciences Center. The Texas Tech University Health Sciences Center School of Pharmacy graduated its first class in May 2000. The Texas Tech School of Pharmacy is the first publicly funded pharmacy school to be built in the US in 40 years. Founded upon the idealism that tomorrow's pharmacists must be independent thinking and technologically advanced, all education and training utilizes problem-based learning techniques with a strong emphasis on computer literacy. All course materials are maintained on the School's World Wide Web servers. The main campus for the school of pharmacy is located in Amarillo. Regional campuses are located in Dallas/Ft Worth, Lubbock and Abilene, Texas. The Dallas/Fort-Worth Regional campus was established in 1999, & has two sites, one resides on the Dallas Veterans Affairs Medical Center campus and the other is within the central Dallas Medical District.. The upcoming 2019-2020 academic year will be the first time the Dallas/Fort-Worth Regional campus will host 4 full years of pharmacy students. Residents are actively involved in didactic and clinical teaching and helping facilitate Pharm.D. students in acquiring problem-based learning skills.



UT Southwestern's new William P. Clements Jr. University Hospital is specially designed and equipped around the needs of patients and their families. Best practices gathered from the nation's top clinical facilities are incorporated in the design of the new hospital and fully integrate UT Southwestern's patient care, education, and research missions – elements that make an academic medical center unique among health care providers. The result is a 12-floor, 460-room patient-centered hospital that will utilize innovative design, advanced technology, and best practices to provide excellence in care.



As the region's only National Cancer Institute-designated cancer center, UT Southwestern's Simmons Cancer Center offers a level of care and access to innovative treatments that are unsurpassed in North Texas. But we're not content with simply offering the latest advances in cancer care. Our active research program seeks to uncover the newest scientific discoveries in cancer and bring them to our patients. They offer 13 major cancer care programs. The focus is treating the whole patient while we fight the cancer. In addition to patient care and research, the education and training programs support and develop the next generation of cancer researchers and clinicians.



## Program Leadership:

### **Chris Selby, Pharm.D., BCOP**

Assistant Professor of Pharmacy Practice

Specializing in Hematology/Oncology

Practice Site: UT Southwestern Clements University Hospital

Dr. Selby is an Assistant Professor in the Pharmacy Practice Department with the Texas Tech Health Science Center (TTUHSC) – School of Pharmacy. He graduated from Southern Illinois University Edwardsville – School of Pharmacy in 2014. This was followed by a PGY-1 pharmacy practice residency in Shreveport, Louisiana at University Health and a PGY-2 specialty residency in Oncology at University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences in Denver, Colorado. After completing residency, Dr. Selby returned to Shreveport as an inpatient clinical pharmacist, helping to cover both medical oncology and bone marrow transplant patients. Currently, Dr. Selby teaches in the Pharmacotherapy VII – Oncology, Pain, and Palliative Care, as well as, the Advanced Oncology. He is also an active member of American Society of Health-Systems Pharmacists (ASHP) and Hematology/Oncology Pharmacists Association (HOPA).

## Current Resident:



### **2019 – 2020: Parnian Eslami, Pharm.D.**

Parnian Eslami is completing her PGY2 Oncology Pharmacy Residency at Texas Tech University Health Sciences Center Jerry H. Hodge School of Pharmacy in Dallas. She received her Doctor of Pharmacy degree from University of California, San Diego (UCSD) Skaggs School of Pharmacy and Pharmaceutical Sciences in May 2016. Following her graduation, Dr. Eslami worked for about a year and half in an outpatient setting. After gaining some work experience, Dr. Eslami completed her PGY1 Pharmacy Residency at NorthBay Healthcare/Touro University California in Fairfield. Dr. Eslami is a member of American Society of Health-System Pharmacist (ASHP). Dr. Eslami's current practice interests include solid tumor, bone marrow transplant, and investigational drug services (IDS). In her spare time, she enjoys traveling, running, playing Daf (Persian drum), and spending time with family and friends.

## Past Residents:

### **2018 – 2019: None**



### **2017 – 2018: Danielle Dunn, Pharm.D.**

Danielle Dunn completed PGY2 Hematology/Oncology Resident at UT Southwestern Medical Center/Texas Tech University Health Sciences Center School of Pharmacy in Dallas, Texas. Dr. Dunn received her Bachelor of Science degree from Sam Houston State University in Huntsville, Texas. Danielle graduated from pharmacy school in 2016 from St. John Fisher College – Wegmans School of Pharmacy in Rochester, New York. She completed her PGY1 Pharmacy Practice residency at MaineGeneral Medical Center in Augusta, Maine. Her practice areas of interest include BMT, hematology and infectious disease. Danielle enjoys spending time with family and friends, listening to music, and cheering on the Houston Astros!

**2016 – 2017: None**



**2015 – 2016: Katherine Kelly, Pharm.D.**

Katherine Kelly completed PGY-2 Hematology/Oncology resident at UT Southwestern in Dallas, Texas and Texas Tech Health Sciences School of Pharmacy. Dr. Kelly completed her PGY-1 pharmacy practice residency at the VA North Texas Health Care System in July 2015. Katherine is a native Texan raised in Colleyville, TX. Coming from a family of Aggies, Katherine graduated magna cum laude in December 2009 with her Bachelor of Arts degree in chemistry from Texas A&M University. Dr. Kelly graduated with high honors with her Doctor of Pharmacy degree from the University of Texas At Austin and the University of Texas At Austin Health Science Center at San Antonio in May of 2014. In her free time, she enjoys spending time with her husband/family/friends, exercising, and watching Aggie football.



**2014 – 2015: Rene Mani, Pharm.D.**

Dr. Mani completed his PGY2 Hematology/Oncology specialty resident at Texas Tech University Health Sciences Center School of Pharmacy and UT Southwestern Clements University Hospital in Dallas, TX. Hailing from Grapevine, TX, Dr. Mani received his Bachelor of Science degree in Molecular Biology from the University of Texas at Dallas in December 2008 and his Doctor of Pharmacy degree from Texas Tech University Health Sciences Center School of Pharmacy in May 2013; additionally, he completed an ASHP-accredited PGY1 pharmacy practice residency with Hendrick Medical Center and Texas Tech University Health Sciences Center School of Pharmacy in Abilene, TX from July 2013 to June 2014. In his free time, Dr. Mani enjoys running, reading, re-learning the piano, and spending time with family and friends.