PGY2 ONCOLOGY RESIDENCY

The University of Georgia College of Pharmacy and Georgia Regents Medical Center provide a 12 month ASHP Accreditation-pending PGY2 Oncology Pharmacy Residency program. Residents are appointed as graduate teaching students for the College of Pharmacy and The University of Georgia awards a graduate certificate for successful completion of the residency program. This post-graduate experience provides comprehensive training in many areas of oncology pharmacy. The flexibility of the program allows residents to individualize the residency to meet their specific needs and interests. The residency practice sites are the 478 bed Georgia Health Sciences Medical Center and the Cancer Center located in Augusta, GA. The hospital is a national leader in patient and family-centered care.

The Cancer Center serves as the area’s only regional outpatient adult cancer treatment center specializing in bone marrow transplantation, gynecological malignancies, hematology, solid malignancies, and surgical oncology. Residents provide oncology clinical pharmacy services in a variety of areas throughout the year. Residents also participate in patient-care area pharmacy coverage, assist in the teaching and training of Pharm.D. students, and are responsible for completing a research project suitable for publication in a professional journal.

MISSION OF OUR RESIDENCY PROGRAM

- Be a competent, confident and compassionate oncology pharmacy practitioner who is an active member of the health care team
- Prevent, identify and resolve medication related problems and assure safe, effective and appropriate drug therapy for patients across the continuum of care
- Demonstrate commitment to the pharmacy profession and serve as a role model
- Educate patients, students and other health care professionals
- Contribute to the advancement of the practice of pharmacy in their practice setting
- Develop an attitude of self evaluation and improvement

PROGRAM PURPOSE

This PGY2 residency provides the resident with advanced clinical training in hematology/oncology and supportive care pharmacotherapy, as well as numerous opportunities for teaching and scholarship. Upon completion of this residency, the pharmacist will be a competent clinical pharmacy practitioner who engages in multidisciplinary
collaboration, demonstrates advanced critical thinking skills, and promotes patient advocacy. Graduates of this program will be adequately prepared to enter oncology pharmacy practice as a clinical specialist and/or academician.

**Compensation and Benefits**
Residents enjoy a competitive stipend and generous benefits package including twenty-four days paid-time-off (PTO) as well as professional leave days for meeting attendance, individualized subsidized insurance, free parking, matching contributions to 403-b retirement plan. The program pays resident travel expenses and registration fees to attend the ASHP Midyear Clinical Meeting, Southeastern Residency Conference (SERC), and Hematology/Oncology Pharmacy Association (HOPA) meetings. As graduate teaching assistants for UGA, the resident receives a tuition waiver on graduate course instruction at The University of Georgia.

**Application Process**
Applicants must possess a Pharm.D. degree from an ACPE-accredited college or school of pharmacy and have completed a PGY1 Pharmacy Practice Residency and must be eligible for licensure as a pharmacist in the State of Georgia. Deadline for receipt of applications is January 5th each year; however early application is encouraged. On-site interviews are offered to a limited number of applicants based on review of the completed application and telephone screening interviews.

Application Material Includes:
1) Standardized application through PhORCAS
2) Application Form (includes essay)*
3) Three letters of recommendation* (special instruction form for reference writers describes request for content in the letter)

*Supplemental information to be uploaded to PhORCAS
Our People

Current PGY2 Oncology Resident

Sarah Evans, Pharm.D.

Title: PGY2 Oncology Resident

Education: Pharm.D. – University of Georgia College of Pharmacy

Training: PGY1- Georgia Regents Health System- University of Georgia College of Pharmacy

PGY2 Residency Program Director

David DeRemer, Pharm.D. BCOP

Title: Residency Program Director, UGA Clinical Associate Professor, Outpatient Hematological Malignancies/BMT Clinical Specialist

Education: B.S. Biology – University of Kentucky, Pharm.D.- University of Kentucky

Training: PGY1 Pharmacy Practice Residency- University of Kentucky, PGY2 Hematology/Oncology - University of Kentucky, Fellowship - University of Kentucky

Preceptors and Leadership

Samm Anderegg, Pharm.D. M.S.

Title: Georgia Regents Medical Center Cancer Center Manager

Education: Pharm.D. – University of Iowa

Training: PGY2 Health-System Pharmacy Administration - University of Kansas
Stephen Clark, Pharm.D.
Title: Georgia Regents Medical Center Inpatient BMT/Oncology Clinical Specialist
Education: Pharm.D.- UNC Chapel Hill
Training: PGY1 Sarasota Memorial Health, PGY2 Oncology - UGA/GRU

Amber Clemmons, Pharm.D. BCOP
Title: UGA Clinical Assistant Professor, Inpatient Bone Marrow Transplant Clinical Specialist
Education: Pharm.D. – University of Michigan
Training: PGY1 Pharmacy Practice Residency Medical College of Georgia/ University of Georgia, PGY2 Oncology University North Carolina - Chapel Hill

Arpita Gandhi, Pharm.D.
Title: Georgia Regents Medical Center Inpatient BMT/Oncology Clinical Specialist
Education: Pharm.D. – Rutgers University
Training: Training: PGY1 University of Pennsylvania Hospital, PGY2 Oncology - University of Pennsylvania Hospital

Evalan Eve, R.Ph. M.S.
Title: Georgia Regents Medical Center Outpatient Oncology Specialist
Education: University of Georgia
Training: M.S., Medical College of Georgia
Morgan Kelly, Pharm.D.
Title: Georgia Regents Medical Center, Oncology Clinical Research Pharmacist
Education: Pharm.D.- University of Georgia

Christy Norman, Pharm.D. M.S. BCPS
Title: Director of Pharmacy
Education: University of Georgia
Training: PGY2 Health-System Pharmacy Administration – The Ohio State University

Deidra Parker, R.Ph.
Title: Georgia Regents Medical Center Pediatric Hematology/Oncology Specialist
Education: B.S. Pharmacy -Xavier University

Sonal Patel, Pharm.D.
Title: Georgia Regents Medical Center Antimicrobial Stewardship/ID Specialist
Education: B.Sc – Biology York University Toronto, Canada
Training: PGY1 – Detroit Medical Center, PGY2- Henry Ford Hospital
**Bradley Phillips, Pharm.D., BCPS, FCCP**

Title: Millikan-Reeve Professor, UGA Clinical and Administrative Pharmacy
Department Head

Education: B.S. Pharmacy – University of British Columbia
Pharm.D. – MUSC
Training: Fellowship- Cardiology- Univ of Illinois Chicago

**Marjorie Phillips, M.S., R.Ph., FASHP**

Title: PGY1 Residency Program Director, Oncology IRB- Chair, Clinical Professor – UGA COP

Education: B.S. Pharmacy University of Florida
Training: M.S Hospital Pharmacy University of Florida
Pharmacy Residency (2 year)- Shands Hospital at the University of Florida

**Somanath Shenoy, Ph.D. FAHA**

Title: Associate Professor – UGA, Clinical and Experimental Therapeutics Program

Education: Ph.D. - NDRI India
Training: Postdoctoral fellowship – Cleveland Clinic
### Program Structure

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<th>Core Rotations</th>
<th>Preceptor(s)</th>
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<tbody>
<tr>
<td>Inpatient hematology/oncology – 2 rotations</td>
<td>Stephen Clark, Pharm.D.</td>
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<td>Arpita Gandhi, Pharm.D.</td>
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<tr>
<td>Inpatient Bone Marrow Transplant – 2 rotations</td>
<td>Amber Bradley, Pharm.D., BCOP</td>
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<td>Gynecologic Oncology – 1 rotation</td>
<td>Stephen Clark, Pharm.D.</td>
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<td>Arpita Gandhi, Pharm.D.</td>
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<td>Pediatric Oncology – 4 rotation</td>
<td>Deidra Parker, R.Ph.</td>
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<tr>
<td>Outpatient Hematological Malignancies – 1 rotation</td>
<td>David DeRemer, Pharm.D., BCOP</td>
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<tr>
<td>Investigational Drugs/Clinical Research – 1 rotation</td>
<td>Marjorie Phillips, MS, R.Ph., FASHP</td>
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<td>Morgan Kelly, Pharm.D.</td>
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<th>Elective Rotations</th>
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<tr>
<td>Research</td>
<td>David DeRemer, Pharm.D., BCOP</td>
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<td>Somanath Shenoy, Ph.D.</td>
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<tr>
<td>Lung/Breast Cancer Clinics</td>
<td>David DeRemer, Pharm.D., BCOP</td>
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<th>Longitudinal Experiences</th>
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<tr>
<td>Academia</td>
<td>Amber Bradley, Pharm.D. BCOP</td>
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<td></td>
<td>David DeRemer, Pharm.D., BCOP</td>
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<tr>
<td>Administration</td>
<td>Samm Anderegg, Pharm.D. M.S.</td>
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<tr>
<td></td>
<td>Christy Norman, Pharm.D. M.S. BCPS</td>
</tr>
<tr>
<td>Pharmacy Practice- Cancer Center Clinic</td>
<td>Evalan Eve, R.Ph.</td>
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The Georgia Health Sciences Pharmacy provides pharmaceutical care to patients and comprehensive services to physicians and other health care professionals as an integral part of the teaching, research, and patient-care programs of the clinical enterprise. The Pharmacy Department’s activities are enhanced by integrated state-of-the-art computerized information systems, and automation from carrousel central inventory management to the latest unit-based cabinets and smart infusion pumps.

Pharmacy services available at a variety of locations around campus:

- **The Central Pharmacy** is the primary production area. The medication distribution process is highly automated with MedCarousel technology for refilling 80 Acudose automated dispensing cabinets throughout the medical center that provide immediate access to over 80% of doses. There is also a 24-hour unit-dose medication cart fill for pediatric patients requiring individualized doses. The packaging and manufacturing area prepares unit doses from bulk containers, compounds a variety of dosage forms, and flavors pediatric oral liquids. Large-volume parenterals, minibags, total parenteral nutrition solutions, and chemotherapy are aseptically prepared in a USP797-compliant iv clean room. Our purchasing, inventory management, and administrative offices are also located in the central pharmacy.

- **The Medical Office Building Pharmacy** provides pharmacy services to one of the largest ambulatory care centers in the southeast. Retail pharmacy services are not offered to the general ambulatory population, however, outpatient medications and Patient Assistance Program drugs are provided for renal transplant and oncology patients. An **Employee Pharmacy** opened in late fall 2012.
• **Therapeutic Policy/Formulary Management/Drug Information** Pharmacists proactively provide pharmaceutical and drug therapy information to health care practitioners. Pharmacy and Therapeutics Committee activities, formulary management, the medication use evaluation (MUE) program, and adverse drug reaction reporting are coordinated through a member of the Pharmacy Leadership Team.

• **The Cancer Center Pharmacy** prepares chemotherapy and supportive care medications for administration to ambulatory patients with cancer and provides services for a Cancer Clinical Research Unit (Phase I and Phase II clinical trials). Pharmacists provide patient education and monitoring services to all the ambulatory patients treated in the center. The new outpatient cancer treatment center opened January 2009 on the GHSU campus.

• **Anticoagulation Clinic** is a pharmacist-run collaborative practice site.

• **Renal Transplant Clinic** provides multidisciplinary and collaborative care to patients before and after solid organ transplant and evaluation of donors and recipients. A pharmacist is dedicated full time to the Solid Organ Transplant program (both inpatient and ambulatory care).

• **Unit Based Pharmacists and Clinical Specialists** cover hospital inpatient units. They provide clinical pharmacy support to the medical and nursing staffs including pharmacokinetic consulting and drug choice recommendations. They also participate in a variety of direct patient care services including medication counseling and therapeutic drug monitoring.

• **The Clinical Research Pharmacy** provides study medication management and research support services for over 150 inpatient and outpatient protocols. There is strong pharmacist involvement on both IRBs (Vice-Chair of biomedical IRB, member of oncology-related IRB).

**Education and Training Programs** of the Pharmacy Department include an ASHP-accredited PGY1 Pharmacy Residency, PGY2 Pediatric, Oncology and Critical Care residencies, numerous APPE (clerkships) for the University of Georgia Pharm.D. Program, pharmacy intern/extern experiences, technician training rotations in conjunction with two technical colleges, and an experiential program for high school students. Pharmacy practitioners hold academic appointments with the University of Georgia College of Pharmacy as Clinical Faculty and/or Preceptors. “Pharmacy Grand Rounds” is a weekly ACPE-accredited educational seminar jointly sponsored by the Georgia Health Sciences Pharmacy Department and the UGA College of Pharmacy. Pharmacists also provide a variety of educational programs for GHSU’s Schools of Medicine (the Medical College of Georgia), Nursing and Allied Health. Our department has a strong commitment to ongoing pharmacy preceptor development and our teaching mission.
University of Georgia (UGA) College of Pharmacy has nine full-time faculty located on the GHSU campus. The faculty participates in pharmacy services as part of their research, education, and training activities. The College of Pharmacy is an active partner in the pharmacy residency program. Pharmacy residents have the opportunity to participate in classroom teaching, and are involved with mentoring of pharmacy students on the Augusta campus. Residents are graduate teaching assistants in the College of Pharmacy and earn a graduate certificate from the UGA Graduate School as part of the residency program. Residents qualify for a tuition waiver if they would like to take elective UGA graduate courses.

**Overview**

The University of Georgia College of Pharmacy offers the Doctor of Pharmacy professional degree. Based in Athens, Georgia and affiliated with the Georgia Health Sciences University of Georgia in Augusta, the college admits about 140 students a year. The four-year professional program integrates classroom, laboratory and experiential training in a curriculum organized around both human physiology and disease states. Approximately 60 of the students spend the last 2 years of their program on the Augusta campus. The college also offers graduate studies in disciplines associated with pharmacotherapeutic research, clinical therapeutics, and administration.