



TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER
SCHOOL OF PHARMACY
ASHP-ACCREDITED PGY2 CRITICAL CARE RESIDENCY

Philosophy:

The Critical Care Specialty Residency at Texas Tech University Health Sciences Center (TTUHSC) School of Pharmacy & the Veterans Affairs North Texas Health Care System (VANTHCS) is designed to embrace critical care pharmacy practice in a variety of settings and develop the resident's skills in critical care pharmacy practice, teaching pharmacy students, practitioners, nursing & medical staff, & conducting clinically-oriented research.

General Description:

This 12-month residency is designed to give the resident a well-rounded experience in both medical and surgical critical care practice. The residency core rotations provide a strong base in critical care fundamentals and elective rotations are tailored for the resident to meet individual career goals. The focus of the training is to master each of the disease states established within the ASHP Practice Standards for the PGY2 Residency in Critical Care. In addition, residents are appointed as Assistant Instructors for the TTUHSC School of Pharmacy.

Program Goals:

To develop well-rounded critical care practitioners who can provide high-level clinical care in a variety of clinical ICU settings

To develop effective clinical instructors with a desire for sharing knowledge and promoting learning among students

To promote the desire for pursuing clinically-oriented research to further the knowledge of drug therapy use in the critical care setting.



Program Activities:

<u>Required Rotations (6.5 months)</u>	<u>Elective Rotations (4.5 months)</u>
Medicine ICU (3 months)	Repeats of required rotations
Cardiology ICU (1 month)	Antibiotic Management
Surgical/Thoracic ICU (6 weeks)	Trauma ICU / Neurosurgery ICU
Infectious Diseases (1 month)	Emergency Medicine
	Pediatric ICU
	Toxicology/Poison Control
	Nutrition Support
	Others available upon request

Teaching Activities:

All residents have the opportunity to participate in the Clinician-Educator Teaching Certificate Program. There are several required elements of the program: 1) provide 1 didactic lecture, 2) participate as a facilitator in the Case Studies problem based learning course and/or Laboratory courses, 3) precept 2 students on 2 rotations (primary preceptor), 4) attend monthly seminar series on academic topics, 5) complete assigned activities including submission of teaching portfolio.

1. Didactic Lectures:

- a. One formal didactic lecture to pharmacy students
- b. One formal "Resident Rounds" 45-minute disease-based presentation to the VANTHCS pharmacy staff and faculty
- c. Four formal journal club presentations to the VANTHCS pharmacy staff, faculty, pharmacy students, and other residents or the medical team
- d. One formal presentation at Specialty Resident Journal Club
- e. Formal lectures and informal inservices to nursing and medical staff are available, and encouraged several times per year

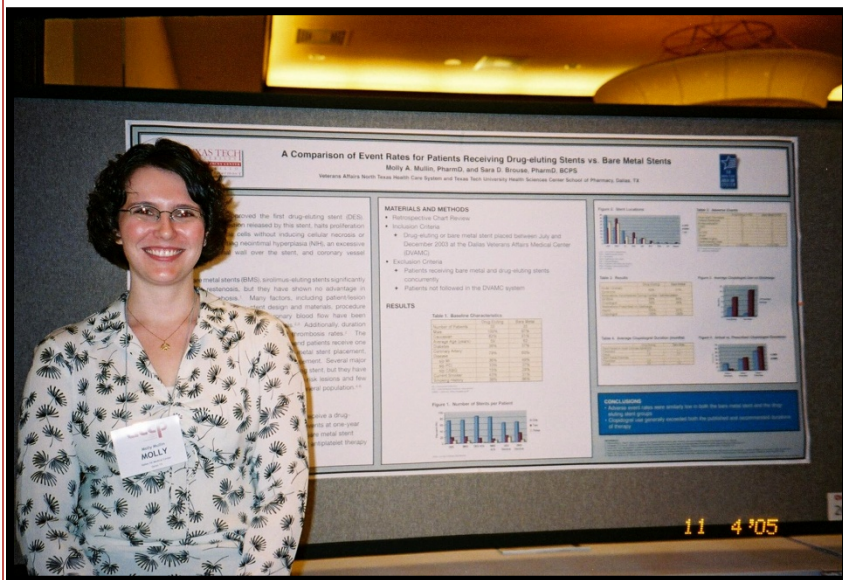
2. Problem-Based Learning:
 - a. Participation in Case Studies II and III courses as a small group facilitator within the school of pharmacy or participation as a facilitator in a Laboratory Skills course
3. Experiential Clerkship Precepting
 - a. Primary preceptor for students on 2 rotations (12 weeks)
 - b. Other informal activities such as leading topic discussions for students are available throughout the year

Research Project:

Residents are required to complete an IRB-approved research project in order to receive the residency certificate.

1. Preparation of a final manuscript suitable for publication in a peer-reviewed medical journal
2. Chosen projects must include generation of original data
3. Chosen projects must be presented at a state or national meeting

Residents are required to conduct a quality-improvement project in an area identified by the resident (ex. new/revised policy or procedure, treatment protocol, treatment guidelines, MUE, etc.) and results presented to the appropriate pharmacy, nursing, and/or medical staff.



Residents are required to participate in the Southwest Pharmacy Residency Leadership Conference, known as ALCALDE, each spring. Residents have the opportunity to present their project results for evaluation prior to preparation of the final manuscript. It

is also a great opportunity to interact with residents from other programs throughout the region.

Staffing Requirements:

Residents are required to train and staff in the main and ICU satellite pharmacies at the VANTHCS during orientation.

Residents are appointed as PRN employees at the VANTHCS and will receive compensation as a pharmacist at the current hospital rate for each shift worked (in addition to residency stipend).

Residents round 6 days/week on the Medicine ICU and Cardiology ICU services to provide continuity of care.

Residents will document all of their patient care interventions into a common pharmacy database.

Residents are assigned to the Code Blue Response Team and responsible for attending code blue emergencies within the hospital year-round. Residents are required to become ACLS-certified (provided by the VANTHCS) and receive additional internal pharmacy training prior to attending code blue events.

Residents will have periodic distributive activities or assignments built into the program to strengthen and reinforce skills in several areas of critical care pharmacy practice. Activities will be based on needs identified in orientation and prior experiences of the resident, and adjusted based on the resident's customized plan, as outlined in the ASHP accreditation standards for critical care residency programs.

Residents will become a member of the multidisciplinary critical care workgroup and attend committee meetings.

There is no formal on-call program associated with this residency, but opportunities exist, if desired. The pharmacy service provides an in-house pharmacy on-call room within the medical center.

For additional information, please refer to the Accreditation Standards for Critical Care Residency programs: www.ashp.org

Other Program Activities:

Specialty Resident Journal Club

In Dallas/Fort Worth, all PGY2 specialty residents participate in an after-hours journal club and discussion of current medical literature with program directors and specialty residency preceptors. In an effort to develop lifelong learning skills, residents are assigned 2 journals to review for the year (one specialty journal, one general medical journal). At each session, the PGY2 residents review the table of content published since the last meeting and choose 1-2 articles to review in more depth (5 min). One resident provides a formal journal club presentation based on a recently published article. Sessions are held every 6-8 weeks and are additionally designed to promote socialization amongst residents and program directors.

BCPS Review Discussion Series

In the spring semester, once weekly, there is a 2-hour discussion on a therapeutic disease area by either PGY2 specialty residents or program faculty. Participants are encouraged to engage in an interactive discussion of each disease state. By the end of the semester, topics related to every major therapeutic area will be covered. The BCPS Review Discussion Series has 100% passing rate on the BCPS exam by residents who have completed it.

Information for Applicants:

Qualifications: Residency applicants must have a PharmD degree, be eligible for licensure in Texas, and have completed a PGY1 Pharmacy Practice Residency.

Information regarding application materials, processes, and deadlines can be found under ***Applicant Information*** on www.ttuhschool.edu/sop/residencies.

Contact Information:

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PGY2 Critical Care Residency Program Director
TTUHSC- School of Pharmacy
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Dallas, TX 75216
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Site Information:



VA North Texas Healthcare System

The practice site for this residency is the Dallas VA Medical Center. The Dallas VAMC is a 300+ bed acute care medical center located in south Dallas. It is a central referral center for the VA North Texas Health Care System

(VANTHCS) and is a major teaching and medical research center for both the University of Texas Southwestern Medical School and the Texas Tech University HSC School of Pharmacy. The Dallas VAMC has a 48-bed Intensive Care area in the Clinical Addition, a state-of-the-art building that was completed in 1998. Intensive Care Units are divided into the Surgical ICU, Thoracic ICU, Medicine ICU, and Cardiology ICU. Each of the four Intensive Care Units have computerized medical charts, medical administration records (MAR), bedside computerized charts for each patient, and physician order entry capabilities, as well as bar code medication scanning. A 50-bed telemetry step-down unit is also housed within the Clinical Addition.

Off-site elective rotations are conducted with residency and/or fellowship-trained preceptors at affiliated institutions within the Dallas-Fort Worth Area. Trauma ICU is conducted at either Baylor University Medical Center in Dallas, TX or Harris Methodist Medical Center in Fort Worth. The Emergency Medicine rotation is conducted at Harris Methodist Medical Center in Fort Worth. The Toxicology/Poison Control rotation is conducted at Parkland Hospital.



Texas Tech University Health Sciences Center School of Pharmacy graduated its first class in 2000. The TTUHSC SOP is the first publicly funded pharmacy school to be built in the US in 40 years. The main campus for the school of pharmacy is located in

Amarillo. Regional campuses are located in Dallas/Ft Worth, Lubbock, & Abilene.

The Dallas/Fort Worth Regional campus was established in 1999, and currently resides on the Dallas VAMC campus as well as on the campus of UT Southwestern Medical School. Approximately 14 full-time and 25 adjunct clinical faculty as well as 2 distance learning classrooms in DFW support the education and training of 90 students in their last 2 years of pharmacy school and 12 residents. The DFW Campus has active residency programs at the VA North Texas Medical Center in PGY1 Pharmacy Practice (n=4), PGY2 Critical Care (n=2), PGY2 Ambulatory Care (n=2), PGY2 Geriatrics (n=1), PGY2 Oncology (n=2), PGY1-2 Pharmacotherapy (n=1), and PGY2 Psychiatry (n=1), and at the Texas Health Presbyterian Hospital PGY1 Pharmacy Practice Residency (n=2). Residents are actively involved in didactic and clinical teaching and helping facilitate PharmD students in acquiring problem-based learning skills.

Program Leadership:

Steven Pass, PharmD, FCCM, FCCP, BCPS



**Associate Professor of Pharmacy Practice and Vice Chair for Residency Programs, TTUHSC School of Pharmacy
Advanced Practice Pharmacist in Critical Care, VA North Texas Health Care System**

Dr. Pass received his B.S. in Biology in 1992 from the University of Kentucky, and his B.S.Pharm (1995) and his PharmD (1996) from the UK College of Pharmacy. He completed a pharmacy practice residency at Baptist Memorial Hospital in Memphis, TN and a critical care residency at the University of Cincinnati Hospital in Cincinnati, OH. Dr. Pass was formerly an Associate Professor at the University of Houston prior to joining Texas Tech School of Pharmacy. He currently practices in the Medical ICU at the North Texas VA Health Care System as an Advanced Practice Pharmacist and is an Associate Professor at the TTUHSC School of Pharmacy. Dr. Pass is very active in residency training, serving as an instructor for the Residency Learning System and as an accreditation site surveyor for ASHP. He is also very active in professional organizations including ASHP, ACCP, AACP, TSHP and SCCM, and is a former Chair of the ACCP Critical Care PRN and the SCCM Clinical Pharmacy and Pharmacology Section. For his work in critical care he was inducted as a Fellow of the American College of Critical Care Medicine in 2006 and as a Fellow of the American College of Clinical Pharmacy in 2010. His practice interests include infectious disease, ventilator-associated pneumonia and advanced cardiac life support.



Kristen Hesch, PharmD, BCPS

**Assistant Professor of Pharmacy Practice, TTUHSC School of Pharmacy
Advanced Practice Pharmacist in Critical Care, VA North Texas Health Care System**

Dr. Hesch received her PharmD (2006) from the University of Texas at Austin College of Pharmacy in cooperation with UTHSCSA . She completed a pharmacy practice residency and a critical care residency at Baylor University Medical Center in Dallas, TX. She became a Board Certified Pharmacotherapy Specialist in 2008. Dr. Hesch was formerly a Critical Care Clinical Pharmacist in the Trauma and Neurosurgical ICUs at Baylor University Medical Center prior to joining Texas Tech School of Pharmacy. She currently practices in the Cardiology ICU at the North Texas VA Health Care System as an Advanced Practice Pharmacist and is an Assistant Professor at the TTUHSC School of Pharmacy. Dr. Hesch is an active member in professional organizations including ACCP, ASHP, TSHP and SCCM, and currently serves on the Membership Committee of Clinical Pharmacy and Pharmacology Section of SCCM. Her research interests include sedation and delirium in critically ill patients, advanced cardiac life support and acute decompensated heart failure.

Jerica L. Goodwin, PharmD, BCPS



ICU Program Manager, VA North Texas Healthcare System

Advanced Practice Pharmacist, SICU/TICU Intensivist Team

Jerica Goodwin, PharmD, received her PharmD from Florida Agricultural & Mechanical (A&M) University College of Pharmacy in 2001. She completed her Pharmacy Practice Residency at the Denver VA Medical Center in Denver, CO in 2002 and the Critical Care Specialty Residency at the VA North Texas Healthcare System & TTUHSC School of Pharmacy in Dallas, TX in 2003. Dr. Goodwin is currently the ICU Program Manager for the Surgical & Thoracic ICU, & Anesthesiology Department at the Dallas VA Medical Center. She is also a Clinical Assistant Professor at Texas Tech University School of Pharmacy. Dr. Goodwin's research interests include glycemic control in perioperative patients and drug dosing in bariatric surgery patients. She is an active member of the Dallas-Fort Worth Chapter of American College of Clinical Pharmacy and the Society of Critical Care Medicine.

Susan M. Duquaine, PharmD, BCPS



Advanced Practice Pharmacist in Infectious Diseases, VA North Texas Healthcare System

Clinical Assistant Professor for TTUHSC School of Pharmacy, and University of Texas College of Pharmacy & University of Florida College of Pharmacy

Susan Duquaine, PharmD, is an Advanced Practice Pharmacist in Infectious Diseases at the VA North Texas Healthcare System. Following completion of the critical care residency program in 2006, she was the Clinical Coordinator at the Medical Center of Lewisville. She received her Bachelors Degree in Pharmacy in 1987 and her PharmD in 2005 from the University of Florida. Her professional interests include critical care and infectious diseases. She is the primary infectious diseases preceptor at the VANTHCS and a mentor for pharmacy residents pursuing ID-related research projects or developing quality improvement projects and protocols. Her current focus includes developing critical pathways and protocols for common infectious diseases in the hospital setting and developing an antimicrobial stewardship program for the hospital.

Ronald G. Hall II, PharmD, M.Sc., BCPS, AQ Infectious Diseases



**Associate Professor of Pharmacy Practice, TTUHSC School of Pharmacy
NIH Clinical Scholar, UT Southwestern Medical School**

Dr. Hall earned his Doctor of Pharmacy degree from the St. Louis College of Pharmacy. His postdoctoral training includes completion of a Pharmacy Practice Residency at Baptist Memorial Healthcare in Memphis ('00-'01) and an Infectious Diseases Specialty Residency at the South Texas Veterans Healthcare System in San Antonio, TX ('01-'02). Dr. Hall became a Board-Certified Pharmacotherapy Specialist in 2003 and received Added Qualifications in Infectious Diseases in 2005. Dr. Hall's research interests focus on antimicrobial resistance, including extended-spectrum beta-lactamase producing organisms & multi-drug resistant *Pseudomonas aeruginosa*, the effects of antibiotic usage patterns on the development of resistance, and antifungal therapy. He has authored several publications relating to anti-infective therapy and has enjoyed the opportunity to speak on related infectious disease topics to physicians, pharmacists, & nurses. Dr. Hall is active in national organizations including the Society of Infectious Disease Pharmacists, the American College of Clinical Pharmacy, & the American Society of Microbiology. He recently graduated from the NIH Clinical Scholars program with his master's degree in clinical research. Dr. Hall enjoys mentoring critical care residents in research and scholarly endeavors related to infectious diseases and drug dosing in obesity.

Current & Past Residents:

2011-12 PGY2 Critical Care Residents



Christina Chen, PharmD is currently a Critical Care Specialty Pharmacy Resident at the Veterans Affairs North Texas Health Care System & Texas Tech Health Sciences Center (TTUHSC) School of Pharmacy. She received her Doctor of Pharmacy degree from The University of Texas at Austin in May 2010, graduating with highest honors, and completed her PGY-1 Residency at the Veterans Affairs North Texas Health Care System & Texas Tech Health Sciences Center (TTUHSC) School of Pharmacy. Dr. Chen is appointed as an Assistant Clinical Instructor at TTUHSC School of Pharmacy. She precepts pharmacy students in their 3rd and 4th professional year and assists with Case Studies. Her research project will

investigate the dosing of argatroban for the treatment of heparin-induced thrombocytopenia. She is currently a member of the American Society of Health-System Pharmacists (ASHP), the American College of Clinical Pharmacy (ACCP), and the Society of Critical Care Medicine (SCCM). Her professional interests include medical intensive care, cardiology, emergency medicine, and infectious disease. After completion of the residency, she plans to pursue a career as a clinical pharmacy specialist in the critical care setting.



Carrie Griffiths, PharmD is currently a Critical Care Specialty Resident for the Veterans Affairs North Texas Health Care System and Texas Tech University Health Sciences Center (TTUHSC) School of Pharmacy. She comes to us from the Central Texas Veterans Health Care System where she completed her PGY1 residency. She received her Doctor of Pharmacy degree from Wingate University in North Carolina in May 2010, graduating with highest honors. Dr. Griffiths is appointed as an Assistant Clinical Instructor at TTUHSC School of Pharmacy and precepts pharmacy students in their 3rd and 4th professional year. Her residency research project will evaluate the antibiotic therapy for ICU patients with pneumonia. Dr. Griffiths is currently a member of the American Society of Health System

Pharmacists, the American College of Clinical Pharmacy, and the Society of Critical Care Medicine. Upon completion of the residency program, she plans to practice as a clinical pharmacy specialist in the critical care setting. In her spare time, she enjoys traveling, cooking and spending time with family and friends.

2010-11 PGY2 Critical Care Residents



Daisy Chang, PharmD is currently an ICU Clinical Pharmacist at Mainland Medical Center in Houston, Texas. She received her Doctor of Pharmacy degree from the University of California at San Diego in 2009 and completed a PGY1 Pharmacy Practice Residency at Harris County Medical District in Houston, TX in 2010. Her practice interests include emergency medicine and critical care, & cardiology. Dr. Chang is currently a member of the American Society of Health System Pharmacists, the American College of Clinical Pharmacy, and the Society of Critical Care Medicine.



Kunal Patel, PharmD is currently an Emergency Medicine Clinical Specialist at the Northeast Georgia Medical Center and Health system in Atlanta, Georgia. He received his Doctor of Pharmacy degree from The University of Texas at Austin in 2009 and completed a Pharmacy Practice Residency at Baylor University Medical Center at Dallas in 2010. His practice interests include medical intensive care, emergency medicine and infectious diseases. Dr. Patel is currently a member of the American Society of Health System Pharmacists, Texas Society of Health System Pharmacists, the American College of Clinical Pharmacy, and the Society of Critical Care Medicine.

2009-10 PGY2 Critical Care Residents



Carrie Shuman, PharmD is currently a Pharmacy Clinical Coordinator at Seton Medical Center Hays in Kyle, TX. She received her Doctor of Pharmacy degree in May 2008 from the University of Houston College of Pharmacy. In 2009 she completed her PGY1 Pharmacy Practice Residency at Harris County Hospital District in Houston, Texas and then graduated from the PGY2 Critical Care Specialty Residency Program with the Veterans Affairs North Texas Health Care System - Dallas and Texas Tech University Health Sciences Center School of Pharmacy in 2010. Her professional interests include medical intensive care, trauma and emergency medicine. Dr. Shuman is currently a member of the American-Society of Health-System Pharmacists, the Society of Critical Care Medicine, and the American College of Clinical Pharmacy.

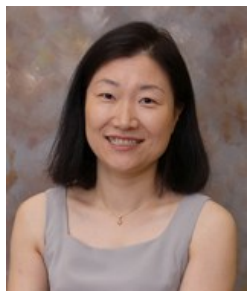


Carrie Tashjian, PharmD is originally from West Bloomfield, MI and received her Doctorate of Pharmacy from Ohio Northern University Raabe College of Pharmacy in 2008. She completed her PGY1 Pharmacy Practice Residency at Parkland Hospital in Dallas, TX in 2009, and then graduated from the PGY2 Critical Care Specialty Resident Program with the Veterans Affairs North Texas Health Care System – Dallas and Texas Tech University Health Sciences Center School of Pharmacy in 2010 where she was also an Assistant Instructor at Texas Tech University Health Sciences Center School of Pharmacy. Dr. Tashjian currently resides in Richmond, Virginia where she practices as an Emergency Medicine Clinical Pharmacy Specialist at St. Mary’s Hospital. Dr. Tashjian also holds the appointment of Clinical Assistant Professor in the Department of Pharmacotherapy and Outcomes Science of the School of Pharmacy at Virginia Commonwealth University. Her practice interests include sepsis, stroke, and infectious disease. Dr. Tashjian is currently a member of the American Society of Health System Pharmacists, Society for Critical Care Medicine, and the American College of Clinical Pharmacy.

2008-09 PGY2 Critical Care Specialty Residents



Katie Thompson, PharmD, BCPS is currently an Assistant Professor in Pharmacy Practice at the University of Wyoming School of Pharmacy, and has a practice site with the Swedish Family Medicine Residency Program in Englewood, Colorado. She received her Doctor of Pharmacy degree from the University of Oklahoma College of Pharmacy in 2007. She completed a PGY1 Pharmacy Practice Residency at Parkland Hospital in Dallas, TX in 2008, then graduated from the PGY2 Critical Care Specialty Residency Program with the Veterans Affairs North Texas Health Care System - Dallas and Texas Tech University Health Sciences Center School of Pharmacy in 2009. She completed her Pharmacy Practice Residency at Parkland Hospital in Dallas, TX in 2008. Her practice interests include infectious diseases, critical care, and cardiology. Dr. Thompson is currently a member of the American Society of Health System Pharmacists, the Society of Critical Care Medicine, and the American College of Clinical Pharmacy.



Young Lee, PharmD, BCPS is currently an Assistant Professor in Pharmacy Practice at the Texas Tech University Health Sciences Center and Clinical Pharmacist in Neurosurgical ICU at Hendrick Medical Center in Abilene, TX. Dr. Lee is originally from Seoul, South Korea, received her Doctor of Pharmacy degree in May 2007 from the Western University of Health Sciences at College of Pharmacy in California, and completed PGY1 Pharmacy Practice Residency at the University of Virginia Health System. Dr. Lee completed her PGY2 residency in Critical Care at the Texas Tech University Health Sciences Center in 2009. During her residency year, her research project focused on "Acquisition of resistance in urinary tract organisms infecting spinal cord injury

patients." Dr. Lee is currently a member of American Society of Health-Systems Pharmacists, American College of Clinical Pharmacy, and the Society of Critical Care Medicine. Her professional interests include critical care and infectious diseases.

2007-08 PGY2 Critical Care Specialty Residents



Michelle Horan, PharmD, BCPS hails from Gunter, Texas and is currently an Advanced Practice Pharmacist in Surgery at the Veterans Affairs North Texas Health Care System - Dallas and a Clinical Assistant Instructor at Texas Tech University Health Sciences Center School of Pharmacy. She received her Doctorate of Pharmacy from Texas Tech University HSC School of Pharmacy in 2006. She completed her Pharmacy Practice Residency in San Antonio, Texas through the South Texas Veterans Health Care System and University of Texas in 2007. Dr. Horan completed a PGY2 critical care specialty residency at the VA North Texas & TTUHSC School of Pharmacy in 2008. Her practice interests include critical care/surgery and hepatology. Dr Horan is currently a member of the American Society of Health System Pharmacists, the Society of Critical Care Medicine, and the American College of Clinical Pharmacy. She enjoys traveling, reading, hiking, and photography.



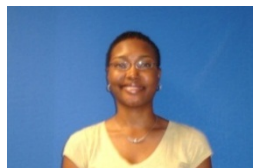
Dominique A. Williams, PharmD, MSc, BCPS is an Advanced Practice Pharmacist in Internal Medicine and Clinical Assistant Instructor at the Veterans Affairs North Texas Health Care System and Texas Tech University Health Sciences Center School of Pharmacy. Dr. Wesby completed her Doctor of Pharmacy degree at Florida Agricultural and Mechanical University in April 2006. She completed a PGY1 pharmacy practice residency at the Veterans Affairs Medical Center in Memphis, Tennessee and her PGY2 Critical Care Residency at VA North Texas & TTUHSC School of Pharmacy in 2008. Prior to pharmacy school she completed a Master of Science degree in Materials Science and Engineering at the University of Florida and a Bachelor of Science degree in Chemistry from Jackson State University. She is currently a member of the American Society of Health-Systems Pharmacists and the Dallas-Fort Worth Chapter of the American College of Clinical Pharmacy.

2006-07 PGY2 Critical Care Specialty Residents



Brandi C. LaFrance, PharmD, BCPS is a Clinical Pharmacy Manager at Our Lady of Lake Medical Center in Baton Rouge, LA. She previously held the position of Clinical Pharmacy Specialist in the Medical ICU at Tulane University Medical Center in New Orleans, LA. Dr. LaFrance received her Doctor of Pharmacy degree from Xavier University of Louisiana College of Pharmacy in May 2005 and

completed her Pharmacy Practice Residency at the Veterans Affairs North Texas Healthcare System in Dallas in June 2006, followed by the Critical Care Specialty Residency, which she completed in 2007. She is an active member of the ASHP, ACCP, SCCM, and Kappa Epsilon Pharmaceutical Fraternity. Dr. LaFrance evaluated the impact of pre-operative intensive insulin infusion on mortality, rates of infection, and ICU length of stay in diabetic patients admitted for cardiothoracic surgery during her Critical Care Residency. Her current practice interests include cardiology and infectious diseases. She also enjoys precepting students. Dr. LaFrance completed the Clinician-Educator Teaching Certificate Program at TTUHSC SOP.



Kendrea (Muldrew) Jones, PharmD, BCPS is an Assistant Professor at University of Arkansas for Medical Sciences College of Pharmacy and Clinical Specialist in the Burn ICU at Arkansas Children's Hospital. Dr. Muldrew received her Doctor of Pharmacy degree from University of Arkansas for Medical Sciences in May 2005 and completed her Pharmacy Practice Residency at Methodist University Hospital in Memphis, TN in June 2006. She completed the Critical Care Specialty Residency at TTUHSC School of Pharmacy & VA North Texas Healthcare System in June 2007. She is an active member of the AACCP, SCCM, and ACCP. Dr. Muldrew evaluated the effect of pharmacist involvement on the cardiopulmonary resuscitation team on adherence to ACLS guidelines and outcomes. Her current practice interests include post-surgical intensive care, infectious disease, and pharmacokinetic changes in critically ill patients.

2005-06 PGY2 Critical Care Specialty Resident



Susan M. Duquaine, PharmD, BCPS is an Advanced Practice Pharmacist in Infectious Diseases at the VA North Texas Healthcare System in Dallas, TX. Following completion of the critical care residency program in 2006, she was the Clinical Coordinator at the Medical Center of Lewisville. She received her Bachelors Degree in Pharmacy in 1987 and her PharmD in 2005 from the University of Florida and was presented with the "Outstanding Academic Achievement Award". Susan's resident research project involved measuring outcomes after implementation of an intensive insulin protocol in the Surgical & Thoracic ICUs. Her professional interests include critical care, infectious diseases, and cardiology. She is the primary infectious diseases preceptor at the VANTHCS and a mentor for pharmacy residents pursuing ID-related research projects or developing quality improvement projects and protocols.

2004-05 PGY2 Critical Care Specialty Residents

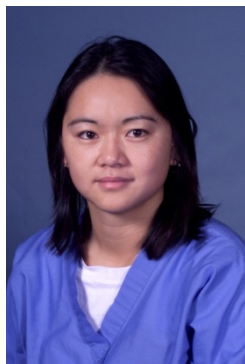


Stacey Hong, PharmD, BCPS is currently a Critical Care Specialist at the Baylor Irving Hospital in Dallas, TX. She completed the Critical Care Residency with emphasis in Infectious Diseases under the direction of Dr. Brouse & Dr. Hall in 2006. Dr. Hong graduated from the University of Texas at Austin with a bachelor's degree in microbiology, then earned her PharmD from Texas Tech University Health Sciences Center. Stacey holds a strong interest in antibiotic management in the critically ill population, as well as utilization of pharmacokinetic/ pharmacodynamic principles to maximize drug benefit in patients. Her research project focused on the utilization of antibiotics in Ventilator-Associated Pneumonia.



Molly A. Mullin, PharmD, BCPS is originally from Minnesota and received her PharmD from the University of Minnesota in 2003. She completed her PGY1 Pharmacy Practice Residency at the Minneapolis VA Medical Center in 2004 and her PGY2 Critical Care Residency at VA North Texas Healthcare System & Texas Tech University Health Sciences Center in 2005. Currently, she is the Clinical Pharmacy Manager and Residency Program Director at Children's Mercy Hospital in Kansas City, Missouri. Prior to that time, she was an SICU Clinical Pharmacy Specialist and PGY1 Residency Program Director at Beaumont Hospital in Troy, Michigan. As a resident, she conducted a research project entitled, "A Comparison of Event Rates for Patients Receiving Drug-Eluting Stents versus Bare Metal Stents," and presented it at the 2005 ACCP Spring Practice & Research Forum in Myrtle Beach, SC. It was accepted for publication in the Journal of Pharmacy Technology & published in 2007. She also implemented an intensive insulin protocol within the MICU during her residency year. Molly is a member of ASHP, ACCP, SCCM, and the Greater Kansas City Society of Health-System Pharmacists.

2003-04 PGY2 Critical Care Specialty Resident



Kathy L. Daoura, PharmD, BCPS graduated from the University of Houston (UH) with her Doctor of Pharmacy degree in 2001. She practiced as a hospital pharmacist with an emphasis on clinical drug monitoring and patient teaching for 2 years prior to completing the Critical Care Residency in 2004. Dr. Daoura broadened her international perspective during her residency year by presenting her residency research project poster at the joint ACCP-European Society of Clinical Pharmacy meeting in Paris, France in 2003. Following graduation from the residency program, she practiced as a Clinical Coordinator at Methodist Medical Center in Houston, TX and was an active member of the Federal Disaster Medical Relief Team (DMAT) for the state of Texas. She utilized her skills by being one of the first responders to volunteer in New Orleans after Hurricane Katrina in 2005. She is currently taking a break from clinical pharmacy to focus on taking care of her 2 boys. Dr. Daoura is a member of ASHP, TSHP, ACCP, and SCCM.

2002-03 PGY2 Critical Care Specialty Resident



Jerica L. Goodwin, PharmD, BCPS is currently the ICU Program Manager & Advanced Practice Pharmacist in SICU/TICU at the VA North Texas Healthcare System and Clinical Assistant Instructor for Texas Tech University Health Sciences Center School of Pharmacy & University of Texas College of Pharmacy. She received her PharmD from Florida Agricultural & Mechanical (A&M) University College of Pharmacy in 2001. She completed her PGY1 Pharmacy Practice Residency at the Denver VA Medical Center in Denver, CO in 2002 and the Critical Care Specialty Residency at the VA North Texas Healthcare System & TTUHSC School of Pharmacy in Dallas, TX in 2003. She was the program's first resident and also Chief Pharmacy Resident in Dallas-Fort Worth. Her professional interests include nutrition support, sedation & analgesia in critically ill patients, and glucose management in ICU patients.