

Department of Pharmacy Services Residency Program

Celebrating 25 years of Residency Training

Issue 2

2016-2017 Residency Year

Volume 11

The purpose of Hoo's News is to communicate information among past, current, and future residents. If you have news that you would like to share, please contact Michelle McCarthy.



Residency Accreditation Survey 2016

Eight of the 9 ASHP-accredited residency programs were surveyed in April. The ASHP Commission on Credentialing voted to accredit/reaccredit all of our programs. The results are below:

- Postgraduate year one (PGY1)-Pharmacy: reaccredited for full cycle (6 years)
- PGY1-Pharmacy/ postgraduate year two (PGY2)health system pharmacy administration: reaccredited for full cycle (6 years)
- PGY2-critical care pharmacy: reaccredited for full cycle (6 years)
- PGY2-drug information: reaccredited for full cycle (6 years)
- PGY2-infectious diseases pharmacy: accredited for full cycle (6 years)
- PGY2-oncology pharmacy: reaccredited for full cycle (6 years)
- PGY2-pediatric pharmacy: accredited for full cycle (6 years)
- PGY2-pharmacy informatics: reaccredited for 3 years

Great News!

The UVA pharmacy residency program has expanded. For the 2017-2018 residency year the number of residents has increased to 17! UVA is exited to add 2 additional programs for the 2017-2018 year: PGY1-Community Pharmacy and PGY2-Cardiology.

UVA Program Celebrates 25 Years

November 11, 2016 marked the 25th anniversary of ASHP receiving UVA's first pharmacy residency application. Ms Jacqueline Young, the first Director of Pharmacy at UVA and long time supporter of pharmacy residency programs, visited UVA for the anniversary. Her support has been through ensuring UVA started training pharmacy residents back in 1991 and continuous support of resident travel and recognition over the past 25 years. A reception was help for her visit, in which departmental and program leadership, residents, and preceptors were in attendance.



Ms. Jacqueline Young gathered with current residents and program graduates who remain at UVA.

Resident Bios

Brain Kempin

PGY2-Health System Pharmacy Administration

Dr. Kempin is a graduate of the University of Kansas School of Pharmacy, where he received his PharmD degree in 2015. He is currently a PGY-2 Health-System Pharmacy Administration Resident. Dr. Kempin will complete a quality project investigating the impact of bedside medication delivery on readmissions. His research involves the creating a documentation of clinical metrics for inpatient pharmacists. Outside of work, he enjoys exploring Charlottesville, golfing, and cheering on the Jayhawks and the Kansas City Royals. He and his wife are also excited to welcome their first child in January 2017.

Tyler Chanas PGY2-Critical Care

Dr. Chanas graduated from the University of Pittsburgh School of Pharmacy in Pittsburgh, Pennsylvania, where he earned his PharmD in 2015. He completed his PGY-1 Pharmacy Residency at UVA in 2016. His professional interests include critical care and emergency medicine. This year Dr. Chanas will complete a quality project investigating the management of suspected HIT in ICU patients on CRRT. His longitudinal research project will focus on the implementation of a new best-practice alert to identify septic shock in the surgical ICU. Following his PGY-2 Critical Care Pharmacy residency, Dr. Chanas plans to pursue a job as a clinical critical care pharmacist, ideally at an academic medical center. Outside of the hospital, Tyler enjoys traveling, hiking, working out, going to the beach, and spending quality time with family and friends.



PGY-2 Critical Care Resident, Tyler Chanas taking his Halloween costume to ID rounds.

Zachary Elliott

PGY2-Infectious Diseases

Dr. Elliott is a graduate of Mercer University College of Pharmacy in Atlanta, GA, where he earned his PharmD in 2015. He completed his PGY-1 Pharmacy Residency at UAB Hospital in Birmingham, Alabama. His professional interests include infectious disease management within immunocompromised host and gram negative antimicrobial resistance. This year Dr. Elliott will complete a quality project investigating the appropriateness of empiric therapy in bacteremia due to gram-negative bacilli. His longitudinal research project involves the testing of fosfomycin in vitro susceptibility in whole genome sequenced multispecies KPC-producing clinical isolates. Upon completion of his PGY-2 residency, Dr. Elliott plans to pursue a job as an infectious disease pharmacist within an academic teaching hospital. Outside of work, Zach enjoys exploring Virginia, traveling, and playing golf.

Tom Schultz PGY2-Oncology

Dr. Schultz is a graduate of Purdue University in West Lafayette, Indiana, where he earned his PharmD in 2015. He completed his PGY-1 Pharmacy Residency at UVA in 2016. His professional interests include stem-cell transplant, immunotherapy, international health, and academia. Dr. Schultz will complete a quality project focusing on the appropriate use of steroids in patients receiving immunotherapy. His longitudinal research project will focus on implementation of a hydration and urine alkalinization algorithm to minimize toxicity and improve outcomes in adult patients receiving high dose methotrexate. Upon completion of his PGY-2 residency, Dr. Schultz plans to pursue a job as a clinical hematology/oncology pharmacist at an academic teaching institution. Outside of residency, Tom enjoys traveling, hiking, and exploring Charlottesville as well as rooting Boilermakers, Twins, Vikings, and Wild. Boiler up!

Roy Joseph PGY2-Informatics

Dr. Joseph is a graduate of the University of Florida in Gainesville, Florida, where he earned his PharmD

in 2015. He completed his PGY1- Pharmacy Residency at Mount Sinai St. Luke's - West in New York, NY. His professional interests include pharmacy automation, clinical decision support, and medication safety. His quality improvement project and longitudinal research project will center on the implementation of Epic and Alaris smart pump interoperability. Upon completion of his PGY2 residency, he plans to pursue a position as an informatics pharmacist. Outside of residency he enjoys running, listening to music, and rooting for the Florida Gators and Miami Heat.

Emily Monds, PGY2- Pediatrics

Dr. Monds is a graduate of The University of North Carolina Eshelman School of Pharmacy, where she received her PharmD degree in 2015. She completed her PGY-1 Pharmacy Residency at UVA in 2016. Her professional interests include pediatric oncology and pediatric cardiology. Dr. Monds will complete a quality improvement project evaluating the current use of opioid patient-controlled analgesia in pediatric onocology patients. This information will be used to set standard dosing recommendations for PCA therapy and for assessment of current smart pump limits. Her longitudinal research project will examine the cardiovascular effects of ketamine infusions in infants and children. Upon completion of her PGY-2 pediatric pharmacy residency, Dr. Monds plans to pursue a job as a pediatric pharmacist at an academic medical center. Outside of work she enjoys spending time with friends and family, exploring Charlottesville, and finding any excuse to travel.

Emily Burns, PGY1-Pharmacy

Dr. Burns is a graduate of the Virginia Commonwealth University School of Pharmacy, where she earned her PharmD degree in 2016. Her professional interests include critical care, emergency medicine, and cardiology. Dr. Burns will complete her quality project on driveline infections in patients with left ventricular assist devices to characterize antimicrobial susceptibility patterns. Her longitudinal research project will evaluate the

impact of education initiatives and new clinical guidelines for delirium at UVA on outcomes, prescribing patterns, and adherence to the order set. Outside of pharmacy, she enjoys spending time with her dogs and riding horses.

Jillian Dann

PGY1-Pharmacy

Dr. Dann is a graduate of the University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, where she earned her PharmD degree in 2016. Her professional interests include solid organ transplant and critical care. Dr. Dann will complete her quality project on the incidence of HIT in patients receiving VTE prophylaxis with either unfractionated heparin or low molecular weight heparin and the associated resource utilization of HIT. Her research project will evaluate the safety and efficacy of direct-acting antiviral agents in the treatment of hepatitis C viral infection in liver transplant patients. Upon completion of her PGY-1 pharmacy residency, Dr. Dann plans to pursue a PGY -2 transplant. In her free time, Dr. Dann enjoys exploring Virginia, walking her dog, going to concerts and playing tennis.



UVA residents and PGY-1 Director, Michelle McCarthy at the annual orientation lunch at Michie Tavern in Charlottesville.

Sarah DeMott PGY1-Pharmacy

Dr. DeMott is a graduate of the South Carolina College of Pharmacy at the University of South Carolina campus in Columbia, South Carolina, where she received her PharmD in 2016. Her current plan is to pursue a PGY-2 in critical care. Dr. DeMott will complete a quality improvement project to analyze the current ordering process of tissue plasminogen activator (tPA) to evaluate any time discrepancies, which need reevaluation. Her longitudinal project will evaluate VTE reoccurrences and adverse events in weight based prophylaxis doses in heparin and enoxaparin. Outside of work she enjoys spending time with her friends and family, snuggling with her cat Colonel, watching Netflix, and exploring local vineyards, breweries, and restaurants with her coresidents.

Kyle Grose PGY1-Pharmacy

Dr. Grose is a graduate of the University of Kansas School of Pharmacy, where he earned his PharmD degree in 2016. His professional interests include hematology and oncology, pharmacogenomics, and academia. Dr. Grose's quality project will evaluate a newly implemented heparin nomogram in obese patients at UVA. His longitudinal research project will evaluate rapid intravenous immunoglobulin rate titration and infusion reactions in the outpatient cancer clinic. Upon completion of his PGY-1 pharmacy practice residency, Dr. Grose plans to pursue a PGY-2 residency in oncology. In his free time, he enjoys spending time outdoors with his fiancée, Carlie, and watching the Kansas Jayhawks and the Kansas City Royals.

Katherine Lemming PGY1-Pharmacy

Dr. Lemming is a graduate of the Bernard J. Dunn School of Pharmacy at Shenandoah University in Winchester, Virginia, where she received her PharmD in 2016. Prior to pharmacy school, she attended the University of South Carolina and the George Washington University where she received a BS in Biological Sciences and BS in Health Sciences with a focus in Pharmacogenomics. Her professional interests include pediatrics and academia. Dr. Lemming will complete a quality improvement project evaluating the incidence of non-critical value, inpatient hypoglycemia found on a serum chemistry. Her longitudinal research project will analyze the safety and tolerability of lidocaine

infusions in the pediatric population. Upon completion of her PGY-1 pharmacy residency, Dr. Lemming plans to pursue a PGY-2 residency in pediatrics. In her free time, she enjoys visiting family and friends, going to the park with her dog, and exploring Charlottesville.

Sean McCullough PGY1-Pharmacy

McCullough is a graduate of Virginia Dr. Commonwealth University School of Pharmacy, where he earned his PharmD degree in 2016. Prior pharmacy school, he attended Virginia Polytechnic Institute and State University where he received a BA in Chemistry. His professional interests include infectious diseases, oncology, and academia. Dr. McCullough will complete his quality project on the risk of non-melanoma skin cancers in lung transplant patients using prophylactic voriconazole. His longitudinal research project will look at the effect of concurrent Harvoni and proton pump inhibitor use on sustained virologic response rates. After completion of his PGY-1 residency, Dr. McCullough plans to pursue a PGY-2 residency in an area of his interest. Outside of work he enjoys sports, food, beer, and wilderness.



PGY-1 Residents at VCU School of Pharmacy participating in the Teaching Certificate Program

Chelsea Zavilla

PGY1-Pharmacy/PGY2-Health System Pharmacy Administration

Dr. Zavilla is a graduate of the University of Pittsburgh School of Pharmacy, where she received

her PharmD degree in 2016. She is currently the PGY1-Health System Pharmacy Administration Resident and is earning her M.S. degree from Virginia Commonwealth University. Chelsea will complete a quality improvement project on developing a feedback tool for prescribers regarding their non-formulary ordering practices to promote responsible prescribing patterns. Her longitudinal research project will focus increasing patient access to pharmacy personnel and analyzing the subsequent effects on the health system's medication-related HCAHPS scores. Upon completion of her PGY1-pharmacy residency, Chelsea will continue as a PGY2-Health System Pharmacy Administration resident at UVA. Outside of work she enjoys cheering on her Pittsburgh sports teams, running and exploring Charlottesville vineyards, historical sites and shopping areas.

ASHP Visit to Bethesda, Maryland

On November 1, 2016, all seven PGY1 residents as well as one PGY2 resident from UVA travelled to Bethesda, MD for a visit to ASHP headquarters. While there, residents had the opportunities to interact and network with residents from several other regional programs and learn more about ASHP's various offerings. They were able to choose from various sessions including accreditation update, and writing and reviewing for AJHP. Residents were introduced to various employees of ASHP. An open discussion was held over lunch regarding many "hot topics" within pharmacy. Some of these included provider status, resident research projects, and pharmacists role within the Emergency Department. The UVA residents were highly engaged in these discussions and provided insight into the pharmacy practice model at UVA hospital. The residents were able to put their training into prospective and discuss issues surrounding residency training with residents from various other programs in the country. The visit also provided a great opportunity to learn more about the role of a clinical pharmacist in the years to come.



UVA residents at ASHP headquarters in Bethesda, Maryland

UVA Health System Department of Pharmacy Services Position Openings

The Department of Pharmacy would love to have residency graduates help grow our team! We currently have the following positions available:

- Clinical Pharmacist—Overnight
- Clinical Pharmacy—Solid organ transplant
- Clinical Pharmacist— Infectious Diseases/ Medicine

Hoo's staying for year two!

The residency program has a strong tradition of retaining residents for a second year to further their clinical training. This year we are excited to keep all of the PGY1 residents for PGY2 programs in 2017-2018

- Sarah DeMott—PGY2-Critical Care
- Katherine Lemming—PGY2—Pediatrics
- Kyle Grose—PGY2-Oncology
- Sean McCullough—PGY2-Infectious Diseases
- Emily Burns—PGY2- Cardiology
- Jill Dann—PGY2 –Solid Organ Transplant

Congrats to all who have early committed and will continue their training in Charlottesville!

Baby Fever!

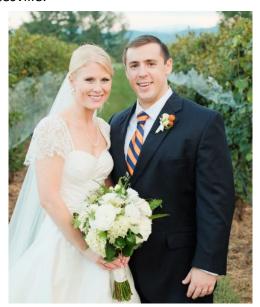
- Brian Kempin (PP 16, HPSA 17) and his wife, Kelsey, are expecting their first child on January 6, 2017. Waiting to be surprised if a boy or girl!
- Lindsay Donohue Evans (PP 15, ID 16) and her husband, Matt, are proud to announce the birth of their baby boy, Cooper Scott Donohue. Cooper was born on August 20, 2016 at 12:48 pm, weighing 8 lb, 13oz, and 22 inches long.
- Shaila Sheth (PP 09) gave birth to a baby boy, Shiv Samar Sheth. Shiv was born on December 20, 2015.
- Amanda Williams (PP 10, CC 11) and her husband, Matt, welcome their daughter, Adaline Kate Williams, at 12:53 AM on September 18, 2016. Adaline was 7 lbs 2 oz and 18 inches and was welcomed by big brother, Cooper (2 years old). The Williams family lives in Alabama.
- Amber Ormsby Powell (PP 08, CC 09) and her husband Nathaniel (PP 09, CC 10) welcomed their daughter, Hazel Marie Powell, on July 30, 2016 at 4:43 PM. She weighed 7 lbs 1.9 oz and was 20.5 inches in length. The Powell family lives in Chippenham, VA.
- Andy Whitman (PP 16 and Onc 16) and his wife, Katie, proudly announce the birth of their daughter, Mae, born September 1, 2016, weighing 7 lb 7 oz and 20 inches long. The Whitman Family happily reside outside of Baltimore, MD.
- Tina Grof Hardison (CC 08) and her husband, Luke, welcome their daughter, Anna Elizabeth on June 27, 2016. She weighed 7 lbs, 8 oz and was 19 inches long and was welcomed home by her big brother, Lewis (2 years). The Hardisons live in South Carolina.
- Ellie Lee Patteson (PP 01) and her husband, Jack, welcomed their son, Jack Martin, on November 23 at 1:34 PM. He weighed 10 lbs, 2oz and was 20.5 inches long. The Pattesons live in Charlottesville.
- Michelle Zacchetti (PP 13) and her husband, Jason, welcome their daughter, Lilia Kai, on July 21, 2016 weighing 6 lbs, 10 oz and 19.3 inches long. The Zacchettis live in Massachusetts.

Weddings!

 Meghan Reese Morrisette (PP 16) and Matt Morrisette (CC 16) celebrated their wedding on September 24, 2016 in Charleston, SC.



 Elizabeth Snipes Streams (PP 16, DI 17) married Grant Streams on October 1, 2016 in Charlottesville.



 Nicole Watts Rushton (PP 11, Onc 12) married Will Rushton on October 10, 2016. The couple currently resides in Birmingham, AL.

Publications and Presentations

Journal Articles

Rogers KC, Shelton MP, Finks SW. Reversal agents for direct oral anticoagulants: understanding new and upcoming options. Epub ahead of print August 18, 2016. Cardiol Rev 2016;24: 310-315.

Shah R, Rogers KC, Ahmed AJ, King BJ, Rao SV. Effect of post-primary percutaneous coronary intervention bivalirudin infusion on acute stent thrombosis: metaanalysis of randomized controlled trials. Epub ahead of Hedges A, Coons JC, Saul M, Smith RE. Clinical effecprint June 15, 2016. JACC Cardiovasc Interv. 2016;9 (13):1313-20.

Rogers KC, Elliott NT, Greiner LE, Majaj N, Brenner M, Finks SW. Appropriate monitoring to improve sotalol safety. Program and Abstracts of the Annual Meeting of the American College of Clinical Pharmacy. October 2016 - Hollywood, FL. Abstract #200.

Shah R, Rohan G, Rashid A, Rogers KC. Relative efficacy and safety of P2Y12 inhibitors in NSTEMI: A comprehensive network meta-analysis of randomized trial. Society of Cardiovascular Angiography and Interventions Scientific Sessions. May 2016 - Orlando, Florida. Abstract #A-084.

Elliott N, Finks SW, Rogers KC. Appropriate monitoring to improve sotalol safety. Mid-South Residency Conference. 2016 - Memphis, TN.

Lee YR, Tang K, Mani R. Linezolid for Methicillin-Resistant Staphylococcus aureus Pneumonia: The Impact of Obesity on Clinical Outcomes. J Pharm Pharmaceutics. 2016;3(2): 1-6.

Sartelli M, Weber DG, Ruppe E, et al. Antimicrobials: a global alliance for optimizing their rational use in intraabdominal infections (AGORA). World J Emerg Surg. 2016;11:33. (co-author)

Vega JA, Lee YR, McMahan D, Duong HQ. Monitoring enoxaparin with antifactor Xa levels in severe renal impairment. J Pharma Care Health Sys. 2016;3(2):161.

Lee YR, Wilson E, Preston P. Dronedarone-induced pulmonary toxicity: A case report and literature review. J Hosp & Clin Pharm. 2016;2(2):70-75.

Coons JC, Miller T, Simon MA, Ishizawar DC, Mathier MA. Oral treprostinil for the treatment of pulmonary arterial hypertension in patients transitioned from parenteral or inhaled prostacyclins: case series and treatment protocol. Pulm Circ 2016;6(1):132-5.

Adams SM, Anderson K, Coons JC, Smith RB, Meyer SM, Parker LS, Empey PE. Advancing pharmacogenomics education in the core PharmD curriculum through student personalgenomic testing. Am J Pharm Educ 2016;80(1):Article 3.

tiveness and safety outcomes associated with prothrombin complex concentrates. J Thromb Thrombolysis 2016;42:6-10.

Buscemi L. Virological suppression after use of crushed tenofovir-emtricitabine and dolutegravir tablets in a patient with HIV infection. Am J Health Syst Pharm. 2016 Aug 1; 73(15):1125-6.

Poster Presentations

Patel H, Hoffman-Roberts H, Tabak YP, Mohr J, Johannes RS, Gupta V. "National Prevalence of Multidrug-Resistance (MDR) in Enterobacteriaceae (ENT) in the ambulatory and acute care settings in the United States in 2015." Poster #378 to be presented at the Infectious Diseases Week 2016 Annual Meeting, New Orleans, LA.

Corey GR, Doi Y, Morrissey I, Grossman T, Olesky M, Patel H, Sutcliffe J. "Eravacycline in vitro activity against clinical isolates obtained from genitourinary (GU) and Gastrointestinal (GI) sources from patients in the US." Poster Monday-008 presented at ASM Microbe 2016, Boston, MA.

Hoffman-Roberts H, Patel H, Sun X, Tabak Y, Mohr J, Johannes R, Gupta V. "Multidrug-resistance Acinetobacter baumannii (MDR AB) trends from all sources in the inpatient and outpatient setting in US hospitals: 2008-2015." Poster #Monday-145 presented at ASM Microbe 2016, Boston, MA.

Board Certification

- Betty Katondo (PP 03)—BCPS
- Ahmed Mahmoud (PP 11) —BCCCP
- Kevin Lonabaugh (PP 16)-AAHIVP
- Lia Lynch (PP 14, Onc 15)—BCOP

Awards and Other Recognition

- Andy Whitman (PP 15, Onc 2016) served as a content expert the Wall Street Journal publication "Doctors 'De-Prescribing' for Over Medicated Patients." The article was published October 10, 2016.
- Lorrie LeClair (DI 04) was recently recognized in the ASHP Clinical Specialists Spotlight.

Preceptor News

- Marcia Buck became president of the American college of Clinical Pharmacy (ACCP) in October 2016. Marcia was also certified as BCPPS
- Lindsey Buscemi was recognized with the following credentials, AAHIVP.
- Scott Anderson (IT 12) was elected as a Board Member at Large for the Virginia Society of Heath-System Pharmacists.
- Sarah Parsons and her husband, Jake, welcomed their second son, Luke Emery Parsons, on September 29th at 7:18 PM. Luke was 6 lbs 4 oz and 20 inches long and was welcomed home by big brother, Gray (2 years).



Resident Reunion: Matt Allsbrook (PP 15, HSPA 16), Scott Anderson (IT 12), and Hasan Kazmi (PP 13) networking at the Fall 2016 VSHP meeting.



Residents participating in a mindfulness session during the weekly resident meeting with Michelle.



Residents enjoying a tailgate for UVA vs UNC football game



Marcia Buck inaugurated as president of ACCP.

See the Hoos at Midyear!

UVA will have 13 residents traveling to Midyear and all 13 will be presenting poster presentations at the Vizient Conference on **December 2nd**. Feel free to stop by, meet current residents, and see what research is going on in the pharmacy department!

Also join us at The Virginia Reception on **December 4th** from **6-8 PM** at Border Grill at Mandalay Bay.
We hope to see you there!

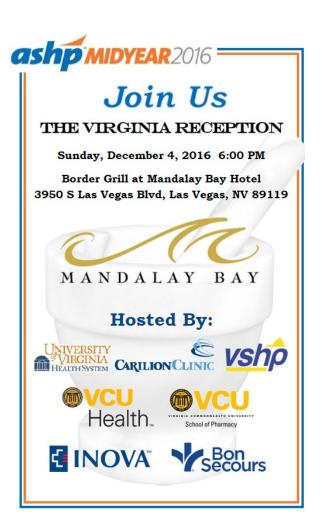
Finally, don't forgot to stop by out booth at Midyear! Our Residency Showcase is on **Tuesday, December 6th** from **8-11 AM** at booth **5517**.



Larry Davis and Jacqueline Young reminisce about some good times at UVA.



Residents joining Elizabeth and Grant Streams for their pre-wedding welcome dinner.







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