



HOO'S NEWS

DEPARTMENT OF PHARMACY SERVICES RESIDENCY PROGRAM
11/11/11 CELEBRATED 20 YEARS OF ASHP ACCREDITATION!

SPRING 2016

VOLUME 11 ISSUE 1

Hoo's News

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 (see page 4).

Residency Program Information

The University of Virginia Health System (UVaHS) has 7 ASHP-accredited residency programs: PGY1 Pharmacy (established 1991), PGY2-Critical Care (established 2002), PGY2-Drug Information (established 1998), PGY2-Oncology (established 2011), PGY2-Pharmacy Informatics (established 2011), PGY1/PGY2 Health-System Pharmacy Administration (established 2012), and PGY2-Solid Organ Transplantation (established 2013). PGY2 programs in infectious diseases and pediatrics were started in July of 2015. All programs, aside from PGY-2-Solid Organ Transplantation, recently underwent ASHP accreditation surveys in April 2016. All programs received encouraging feedback, and we look forward to receiving the final verdicts in Fall 2016.

The Class of 2015-2016: Where are they going?
(See picture on p. 6)

Tyler Chanas **PGY1-Pharmacy**
Tyler is excited to be staying at UVA to complete a PGY-2 Critical Care Pharmacy Residency. Tyler is looking forward to learning as much as he can about critical care from people he has come to admire and cherish. Tyler is excited to continue his life in Charlottesville, VA where he enjoys hiking among other outdoor activities.

Brian Kempin **PGY1-Pharmacy**
Brian is staying at UVA to finish the second year of the combined PGY1 and PGY2-Health System Pharmacy Administration residency program. Brian and his wife, Kelsey, enjoy cheering on their Jayhawks all the way from Charlottesville, Va. They

look forward to another year at UVA and spending time with friends.

Kevin Lonabaugh **PGY1-Pharmacy**
Kevin will be joining the Sooner family in Oklahoma this upcoming year. He is moving to Tulsa to complete his PGY2 training in ambulatory care with a focus in pediatrics at OU Physicians – Tulsa and the Harold Hamm Pediatric Diabetes Center. He will be based out of the University of Oklahoma College of Pharmacy on the Schusterman campus in Tulsa and will also be working with the OU School of Community Medicine to provide care for uninsured patients at two free health clinics.

Emily Monds **PGY1-Pharmacy**
Emily will be staying at UVA as the PGY2-Pediatric Pharmacy Resident. She is excited to work with the newly expanded pediatric team and is looking forward to another year in Charlottesville where she enjoys attending country concerts and exploring the beautiful wine country.

Meghan Reese **PGY1-Pharmacy**
Meghan will be staying at UVA to join the newly formed cardiology team. She plans to take time off for travel in addition to attending her bachelorette party. She looks forward to continuing her learning as a clinical pharmacist in Charlottesville, where she enjoys taking her dog Max on hikes around the area.

Thomas Schultz **PGY1-Pharmacy**
Tom will be staying at UVA to complete his PGY2 training in Oncology. He looks forward to staying in the Charlottesville area where he enjoys exploring the many breweries, wineries, and attending sporting events during all seasons.

Elizabeth Snipes **PGY1-Pharmacy**
Elizabeth will be staying at UVA to complete her PGY2 in Drug Information (Medication Use Policy). She got engaged this past fall and is excited to get married in the Charlottesville area this coming fall.

Matthew Morrisette PGY2-Critical Care
Matt accepted a position at UVA as a clinical pharmacist on the ICU team. He is planning to take time off to explore the British Virgin Islands by sailboat before starting his job in August 2016.

Matt Allsbrook PGY2-Health System Pharmacy Administration
Matt accepted a management position at UVA, paving the future of the newly started specialty pharmacy. He is looking forward kick starting this new initiative at UVA and is dedicated to its success.

Anand Patel PGY2-Informatics
Anand looks forward to joining old friends in New York City, where he accepted an IT pharmacist position at the New York Presbyterian hospital. While he has enjoyed his time in Charlottesville, he is excited about reuniting with the busy city life.

Andy Whitman PGY2-Oncology
Andy has accepted a position as a Clinical Pharmacy Specialist in Pain and Palliative Care at the University of Maryland Baltimore Washington Medical Center in Glen Burnie, MD. He is excited to announce that he and his wife, Katie, will become proud parents this coming summer.

Lindsay Donohue PGY2-Infectious Diseases
Lindsay is excited to be staying at UVA as a transplant clinical pharmacist with a focus in Infectious Diseases. Her and her husband, Matt, are very excited to become proud parents this coming fall. They plan to have frequent play dates with the Whitman family, as their babies are expected to be delivered only days apart.

Kelly Lunsford PGY2-Pediatrics
Kelly is excited to stay at UVA this upcoming year to join the newly expanded pediatrics team as a clinical pharmacist. She will be starting in August after taking time off to travel and visit with friends and family.

The Residency Class of 2016-2017
The Class of 2016-17 will include seven PGY1-Pharmacy residents, one PGY2-Health System Pharmacy Administration resident, one PGY2-Pharmacy Informatics resident, one PGY2-Hematology/Oncology resident, one PGY2-Critical Care resident, one PGY2-Infectious Diseases resident, one PGY2-Drug Information resident, and one PGY2-Pediatrics resident.

The PGY1-Pharmacy residents are:
Name School of Pharmacy
Emily Burns VCU

Jillian Dann University of Colorado
Sarah DeMott University of South Carolina
Kyle Grose Kansas
Katie Lemming Shenandoah
Sean McCullough VCU

The PGY1/PGY2-Health System Pharmacy Administration resident is:
Name School of Pharmacy
Chelsea Zavilla University of Pittsburgh

The PGY2-Health System Pharmacy Administration resident is:
Name School PGY1 Residency
Brian Kempin Kansas UVA

The PGY2-Hematology/Oncology resident is:
Name School PGY1 Residency
Thomas Schultz Purdue UVA

The PGY2-Critical Care resident is:
Name School PGY1 Residency
Tyler Chanas University of Pittsburgh UVA

The PGY2-Infectious Diseases resident is:
Name School PGY1 Residency
Zachary Elliott Mercer UAB

The PGY2-Drug Information resident is:
Name School PGY1 Residency
Elizabeth Snipes Auburn UVA

The PGY2-Pediatrics resident is:
Name School PGY1 Residency
Emily Monds UNC UVA

The PGY2-Pharmacy Informatics resident is:
Name School PGY1 Residency
Roy Joseph University of Florida Mount Sinai St. Luke's – Roosevelt

News and Announcements

Weddings

Meghan Reese (PP '16) is marrying **Matthew Morrisette** (CC '16) in Charleston, SC on September 24, 2016.

Elizabeth Snipes (PP '16) is marrying her fiancé, Grant, in Charlottesville, VA in October 2016.

Kara Parsons (DI '15) married David Thornton at Delfosse Vineyard on May 29, 2016.

Kyle Luedtke (PP '12, CC '13) got engaged to Tayjes Shah in February 2016 and is planning a wedding for 2017.

Scott Anderson (IT '12) got engaged to Lisa Konieczny in December 2015 and is planning for a wedding in 2017.

Jessica Traeger (PP '13) recently got engaged to Robert Blumstein. A 2017 wedding in Cleveland, OH is planned.

Births

David Crowther (PP '09, DI '10) and his wife, Tiffany, had their first child, William David Crowther, born on March 26, 2016. William was 7 lbs 15 oz and 21 inches long.

Charlotte Apple (6lbs 10oz & 19 3/4 inches long) was born to **Hannah Palmer (PP '07)** and Nicholas Russo on March 9, 2016.

What's changing with pharmacy services at UVA?
Here is a brief description of the requests to expand pharmacy services from the Director of Pharmacy, Rafael Saenz:

1. **Specialty Pharmacy Services:** the deployment and expansion of specialty pharmacy will provide UVA patients with access to a pharmacy that can not only meet their medication needs but provide robust customer service to ensure patients are adherent and achieve the most from these high-cost medications. This year one investment provides the foundation for a sustainable business model that is projected to bring in more than \$87 Million dollars in net revenue in five years while at the same time taking care of our patients across the continuum of care.
2. **Discharge Delivery Technicians:** a pilot program was started one year ago that aimed to deliver medications to patients being discharged so that they would not have to have an extra burden as they leave the hospital. With an average of 2.4 prescriptions per patient and a net operating margin of \$45 per patient, the program has thus far yielded a net margin of \$29,847. If this service were to be expanded to at least 10 units in the hospital, the estimated net margin of \$298,470 would cover the cost of operating this service but increase the satisfaction and health of patients as they

will not go without their much needed medications.

3. **Admissions History Technicians:** A process by which patients entering the emergency department can have an accurate a complete reconciliation of their medications would help reduce the number of adverse drug events while ensuring that the patient has the correct information provided to the caregiver during their stay at the medical center and when they transition their care.
4. **24/7 Retail Pharmacy Operations:** offering the only service in the city that is open through all hours of the day will allow the medical center to meet the needs of patients who require medications during the overnight hours. With this investment, patients will fill more medications with UVA and have access to a pharmacist. The revenue from this service is estimated to be \$598,000 each year
5. **EC4 Chair Delivery Service:** This service will provide the patient with delivery of their medications as they wait or are receiving medication infusions during their stay at EC4. EC4 currently has monthly net revenues of \$273,000. If we streamline this service by reducing redundant inventory with the ERC Pharmacy, we can expand the Investigational Drug Services Area to further our research mission and provide EXCEPTIONAL patient service simultaneously.
6. **PGY-2 Cardiology Resident:** UVA is happy to introduce a Cardiology PGY-2 Pharmacy Residency Program to begin in 2017. This resident will advance the evidence-based knowledge, skills, and abilities of using specialized cardiovascular pharmacotherapies. This trainee would support both the inpatient as well as outpatient arenas of care in order to ensure appropriate follow-up and optimal coordination of care.

Professional Announcements

Abigail Reeder (HSPA '12) completed her MBA in March of 2016 and will graduate May 2016 from Benedictine University in Springfield, Illinois. She is the current director of pharmacy services at St John's Hospital.

Julie Kidd (PP '07) was selected to participate in the Medical Home Traineeship through ASHP's

Foundation (5-month program that prepares participants to use a systematic approach to develop and deliver patient-centered care in a medical home and/or accountable care organization).

Brooke Bernhardt (PP '12) was elected as an At-Large Member to the Children's Oncology Group Executive Committee.

James Fiebert (IT '13) was granted CPHIMS certification.

Emily Prabhu (HSPA '13, MUP '14) graduated with her MS in Pharmaceutical Sciences with an emphasis in Pharmacoeconomics and Health Outcomes from Virginia Commonwealth University School of Pharmacy in May 2016.

Phillip Mohorn (PP '11, CC '12) has accepted a new position as a Clinical Pharmacy Specialist in Critical Care at Spartanburg Regional Medical Center.

Publications and Presentations

Brackbill ML. Effectiveness of Various Methods to Clear Four Types of Occlusions in 10 French Feeding Tubes. Podium presentation at Clinical Nutrition Week 2016 in Austin, Texas for the American Society for Parenteral and Enteral Nutrition (ASPEN) January 2016.

Unguru Y, Fernandez CV, **Bernhardt B**, Berg S, Pyke-Grimm K, Woodman C, Joffe S. An Ethical Framework for Allocating Scarce Life-saving Chemotherapy and Supportive Care Drugs for Childhood Cancer. *J Natl Cancer Inst* 2016;108(6):djv392.

G Salazar E, **Bernhardt MB**, Li Y, Aplenc R, Adamson PC. The impact of chemotherapy shortages on COG and local clinical trials: A report from the Children's Oncology Group. *Pediatr Blood Cancer* 2015;62:940-4.

Beaty R, **Bernhardt MB**, Berger AH, Hesselgrave J, Russell, HV, Okcu MF. Inpatient versus outpatient vincristine, dactinomycin and cyclophosphamide for pediatric cancers: Quality and cost implications. *Pediatr Blood Cancer* 2015;62(11):1925-8.

Bernhardt MB, Thompson PA. Reply to: No correlation between estimated and actual glomerular filtration rates in pediatric oncology patients. *Pediatr Blood Cancer* 2015;62(7):1300.

Cahoon WD Jr, Oswald AK, Francis KE, Magee LC, **Lowe DK.** Cangrelor Bridge Therapy for Gastroduodenal Biopsy: A Case Report. *J Pharm Pract.* 2016 Mar 21. pii: 0897190016636750. [Epub ahead of print]

Ploessl C, Pan A, Maples KT, **Lowe DK.** Dinutuximab: An Anti-GD2 Monoclonal Antibody for High-Risk Neuroblastoma. *Ann Pharmacother.* 2016 Feb 25. pii: 1060028016632013. [Epub ahead of print] Review.

Kidd J. 2nd year osteopathic medical students' exposure to a community health assessment and implementation project. Association for Prevention Teaching and Research (APTR) national conference in Albuquerque, New Mexico.

Donohue L, Cox HL, Carroll J, Cheruvanky A, Mathers AJ. Susceptibility survey of ceftazidime avibactam against multidrug resistant gram-negative clinical isolates from a single academic medical center. *ASM Microbe* 2016. Boston, MA. June 20th, 2016.

Lonabaugh KP, Lunsford K, Fang G, Kaufman D, Addison S, Buck ML. Vancomycin dosing in pediatric extracorporeal membrane oxygenation (ECMO) patients. 25th Annual Pediatric Pharmacy Advocacy Group (PPAG) Meeting. Atlanta, GA. April 30, 2016.

Lunsford K, Frank D, Vergales J, Buck ML. Prophylactic use of low-dose heparin immediately following surgery in infants and young children with congenital heart defects. 25th Annual Pediatric Pharmacy Advocacy Group (PPAG) Meeting. Atlanta, GA. April 30, 2016.

Monds EK, Lunsford K, Fang G, Kaufman D, Addison S, Buck ML. Gentamicin dosing in pediatric extracorporeal membrane oxygenation (ECMO) patients. 25th Annual Pediatric Pharmacy Advocacy Group (PPAG) Meeting. Atlanta, GA. April 30, 2016.

Matteo Bassetti MD, Ian Morrissey PhD, Trudy Grossman PhD, Melanie Olesky PhD, **Hina Patel PharmD,** Joyce Sutcliffe PhD. P0342 - Eravacycline in vitro activity against clinical isolates obtained from urinary and gastrointestinal sources, including drug-resistant pathogens, from patients in Europe. 26th Annual European Congress of Clinical Microbiology and Infectious Diseases (ECCMID). Amsterdam, Netherlands April 9-12, 2016.

Matteo Bassetti MD, Ian Morrissey PhD, Trudy Grossman PhD, Melanie Olesky PhD, **Hina Patel PharmD**, Joyce Sutcliffe PhD. P0343 - In vitro activity of eravacycline and comparators in Gram-negative organisms, including drug resistant phenotypes, isolated from respiratory sources, in Europe. 26th Annual European Congress of Clinical Microbiology and Infectious Diseases (ECCMID). Amsterdam, Netherlands April 9-12, 2016.

Schultz TE, Bidwell KL, Lynch AC, Maitland HS, Palkimas S. Unfractionated heparin dosing for treatment of venous thromboembolism in patients weighing greater than 125 kilograms. 3rd Annual Summit of the Thrombosis and Hemostasis Societies of North America. Chicago, IL. April 14, 2016.

Morrisette MJ, Bidwell KL, Zomp A, Dunn S, Gelvin M, Money D, Palkimas S. The effect of antithrombin supplementation on anticoagulation in adult patients receiving extracorporeal membrane oxygenation. 3rd Annual Summit of the Thrombosis and Hemostasis Societies of North America. Chicago, IL. April 14, 2016.

Morrisette MJ, Chancellor WZ, Robertson M, Volles D, Sawyer R. N-acetylcysteine in critically ill surgical patients with liver injury. Society of Critical Care Medicine, Carolinas-Virginia Regional Meeting. Lynchburg, VA. June 17, 2016.

Rogers KC, de Denus S, Finks SW. Acute Coronary Syndromes. In: Chisholm-Burns MA, Schwinghammer TL Wells BG, et al, eds. Pharmacotherapy: Principles and Practice. 4th ed. New York: McGraw-Hill Companies; 2016:111-136.

Shah R, **Rogers KC**, Matin K, Askari R, Rao SV. An updated comprehensive meta-analysis of bivalirudin versus heparin use in primary percutaneous coronary intervention. Am Heart J 2016;17(1):14-24.

Whitman A, DeGregory K, Morris A, Lynch A, Ramsdale E. Use of a novel deprescribing model to

reduce polypharmacy and potentially inappropriate medications for older cancer patients in a geriatric oncology clinic. HOPA 12th annual. Atlanta, GA. March 17th 2016.

Whitman A, DeGregory K, Brady K, Portell C. A retrospective comparison of native E. coli L-asparaginase and pegaspargase efficacy and toxicities. HOPA 12th annual. Atlanta, GA. March 17th 2016.

Preceptor News

Rafael Saenz was elected to his first term as VSHP president which commenced April 7th, 2016. Other notable distinctions include his appointment to the ASHP Committee on Nominations for the Section of Pharmacy Practice Managers, the ASHP International Advisory Group on Residency Accreditation, and the Vizient (formerly Novation) Pharmacy Business Council.

David Volles became Board Certified Critical Care Pharmacy.

2016 Dates of interest

June 16-17	Orientation for Residency Class of 2016-17
June 27	Farewell and Welcome Picnic for Pharmacy Residents
June 27	Residency Class of 2016 Graduation and Reception
September 2016	ASHP Commission on Credentialing votes on accreditation for all UVa PGY1 and PGY2 programs (excluding PGY2-Transplant).

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Phillip Mohorn (PP '11, CC' 12) and Whitney Raper Maxwell (PP '09) congratulate their mentee, Sarah DeMott (PP '17), on her acceptance into the UVA PGY-1 Residency Program class of 2017 at SCCP's graduation.



Farewell to the Class of 2015-2016! We will miss you!