

# MEDICINE

## NEWS FROM THE DEPARTMENT OF MEDICINE

# MATTERS

JANUARY 2020

 **UVA Health** | DEPARTMENT OF MEDICINE

### MISSION

We are dedicated to preventing disease and treating illness, educating and inspiring future leaders in the field of internal medicine, and supporting innovative biomedical research.

### VALUES

We strive for a sense of community, connection, and synergy among all faculty, staff, and trainees.

### PLEDGE

We will conform to the highest ethical standards, uphold the values of our partner organizations, and give back to our community through public service.



## MESSAGE FROM THE CHAIR



It was just about ten years ago that I assumed the position of Interim Chair of the Department of Medicine. At that time, I was a nervous wreck trying to navigate the finances, human resources and intricacies of a large department. Well, that is still true but I have learned a lot in the past decade. Perhaps, the most important lesson which I see every day is that what matters most is the people in the Department. Time and time again, it is our faculty, staff, and trainees who demonstrate their selfless devotion to excellence and caring for our community. These are the small gestures of kindness to the development of community outreach programs, as a Department we are doing amazing things that bring us together and serve others.

In addition, it is also incredible to see our growth in the past decade:

- We have increased our faculty size by close to 100 new hires
- We have increased clinical revenue by 3-5% per year and we will likely hit over 1,000,000 work RVUs soon
- We have published over one peer-reviewed journal article per working day over the past 10 years
- We have increased extramural funding by over 10%
- We have won the Mulholland Award as the best teaching Department for medical students nine out of the ten past years.

There are so many other memorable and important events but I will just say thank you for all of your support and I am so honored to work on your behalf. Best wishes for a happy and healthy new year.

Mitchell H. Rosner, MD, MACP  
Henry B. Mulholland Professor of Medicine  
Chair, Department of Medicine

## QUICK LINKS

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# DOM FINANCIAL UPDATE

## Department of Medicine Summary of Consolidated Financials FY20 as of November 30, 2019

	Budget YTD	Actual YTD	Variance YTD
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Work RVUs	378,341	367,759	(10,583)
Clinical Receipts (NPSR)	25,440,739	24,642,165	(798,574)
Total Revenues	76,190,538	78,117,959	1,927,421
Total Expenditures	78,535,521	75,687,405	2,848,116
<b>Net Income</b>	<b>(2,344,982)</b>	<b>2,430,554</b>	<b>4,775,537</b>

### Summary Explanation of Variance:

For the fiscal year ending November 30, 2019 DOM posted a consolidated net surplus of \$2.4M and a favorable variance to net budget surplus of \$4.8M. The unfavorable variance in Net Patient Service Revenue is due to lower net collections and Medicaid conversion rate. The department realized non-personnel cost saving of \$2.3M driven by lower than expected grant expenditures. Bottomline variance includes \$2.2M endowment distribution.

## WELCOME TO THE WORLD



Zach and Sydney Boggs welcomed son, Owen Sinclair Boggs. Mom and baby are healthy and happy.



Tony Brinkman and his wife Lauren welcomed son, Myles Anthony Brinkman on December 8th. Pictured here with sister Sadie.



Sam Oliver and his wife Paige welcomed daughter, Mara James Oliver. Besides a sleepy Sam, all is well.



**Did you know that DOM has a Twitter account?**  
**Follow us here.**

# DOM UPDATES & NOTES



Larry Lum, MD



Christiana Brenin, MD



Patrick Dillon, MD



Trish Millard, MD



Nishtha Sodhi, MD



Jungeun Kim, PhD



Samantha DiBenedetto, MD



Eric Pierce, MD



Nicholas Schmidt, MD

## NOTABLE ACHIEVEMENTS

Congratulations to **Dr Larry Lum** on receiving a Launchpad grant from UVA for \$125,000 for *Bispecific Antibody Targeted T Regulatory Cells (TREGs) for Type 1 Diabetes*.

Congratulations to **Drs Christiana Brenin, Patrick Dillon, and Trish Millard** for having a case report published this month. Patrick Dillon, "[\*Radiographically Occult Carcinomatous Spread of Breast Cancer to the Liver: A Challenging Case.\*](#)" *Case Reports in Oncological Medicine*, vol. 2019, Article ID 4935615, 5 pages, 2019.

Congratulations to **Nishtha Sodhi, MD** for her [\*NBC 29 House Calls\*](#) segment on valve disease.

Congratulations to **Jungeun Kim, PhD**, Office for Clinical Research (OCR), UVA Cancer Center on being one of the top 5 posters in *SNO (Society for Neuro-Oncology) 2019 Conference* in Phoenix, Arizona. **Abstract:** "*A Phase I Study Targeting Newly Diagnosed Glioblastoma with anti-CD3 × anti-EGFR Bispecific Antibody Armed T cells (EGFR BATs) in Combination with Radiation and Temozolomide*" Authors: Camilo E. Fadull1, **Jungeun Kim**2, Archana Thakur3, Dana Schalk3, Ewa Kubicka3, Benjamin W. Purow1, M. Beatriz Lopes4, David Schiff1, Jessica Kassay-McAllister3, Joseph Donahue5, Qin Liu6, and Lawrence G. Lum3

1Department of Neurology, Division of Neuro-Oncology, University of Virginia Health System, Charlottesville, VA, 2Office of Clinical Research, School of Medicine, University of Virginia Cancer Center, Charlottesville, VA, 3Bone Marrow Transplant Program, Division Hematology/Oncology, Department of Medicine, University of Virginia Cancer Center, Charlottesville, VA, 4Department of Pathology, Divisions of Neuropathology, University of Virginia Health System, Charlottesville, VA, 5Department of Radiology and Medical Imaging, Division of Neuroradiology, University of Virginia Health System, Charlottesville, VA, 6 Wistar Institute, Philadelphia, PA.

Congratulations to new Division of Hematology/Oncology fellows who will start in July 2020. **Samantha DiBenedetto, MD**, Residency: University of Florida, Medical education: St. George's University School of Medicine; **Eric Pierce, MD**, Residency: University of Virginia, Medical education: The Brody School of Medicine at East Carolina University; and **Nicholas Schmidt, MD**, Residency: University of Virginia, Medical education: University of South Carolina school of Medicine. Welcome!

Congratulations to **Jennifer Taylor** on her 20 years of service with the Division of Hematology/Oncology.



# DOM UPDATES & NOTES



Congratulations to Ben Ruth, Milan Kahanda, and Xu Gao, who dominated the competition at MACCS to become **Virginia state Jeopardy champions!** They will be representing the state at the National ACC meeting in March.



## The Education Team

*From top left:* Monte Parsons – Fellowship Coordinator (FC) – Allergy/Immunology  
Karen Ward – UME Program Administrator (Clerkships/Student Electives)  
Cheryl Etelvari – FC Pulmonary/Critical Care  
Monica Olsen – FC Nephrology, Erin Arnold – Residency Coordinator  
Tony Brinkman – Residency Coordinator  
Terry Bennett – GME Compliance Manager

*Bottom row from left:* Anne Shipe – FC Cardiology  
Leslie Stewart – FC Gastroenterology/Transplant Hepatology  
Ginny Atwell – FC Infectious Disease  
Lisa Mackey – FC Heme/Onc  
Javnov Barksdale – FC Endo/Rhem  
Joy Hilton – Director

*Not pictured, but equally awesome:* Margaret Kuhlman



**Thank you** to everyone who contributed to the Department of Medicine Food Drive for the Blue Ridge Area Food Bank! We filled both barrels and could have filled another two... or three! (everything wouldn't fit in the picture!)

Your generosity makes a difference to so many. Thanks for helping to make the holiday season a little brighter!



The Consort Carolers spreading holiday cheer to faculty, staff and patients on 3 East, West, Central, and MICU.



# DOM HOLIDAY CHEER

## DOM HOLIDAY STAFF LUNCHEON



Mitch Rosner, Kim Blowe, and Russ Manley



Lanserr Snead, Lisa Madison, Lucinda Veney, Cathy Bub, Terry Scott, Brandi McLaughlin, and Brianne Thomas



Lisa Ayers and Barbara Rogers



Jeffery Ware and Michael Heckman



Russ Dinsmore and Pat Herndon

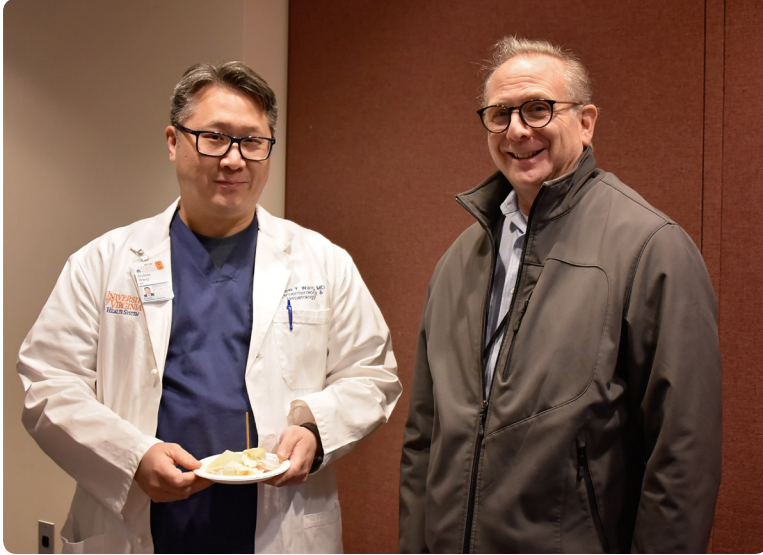


Sharon Foster and Jennifer Greene



# DOM HOLIDAY CHEER

## DOM HOLIDAY PARTY



Andrew Wang and James Scheiman



Alan Dalkin, Paul Helgerson, Russ Manley, and Mitch Rosner



Margaret Shupnik and Russ Manley



Gerald Donowitz, Terri Washington, and Michael Williams



Thomas Platts-Mills, Kate McManus, and John Marshall

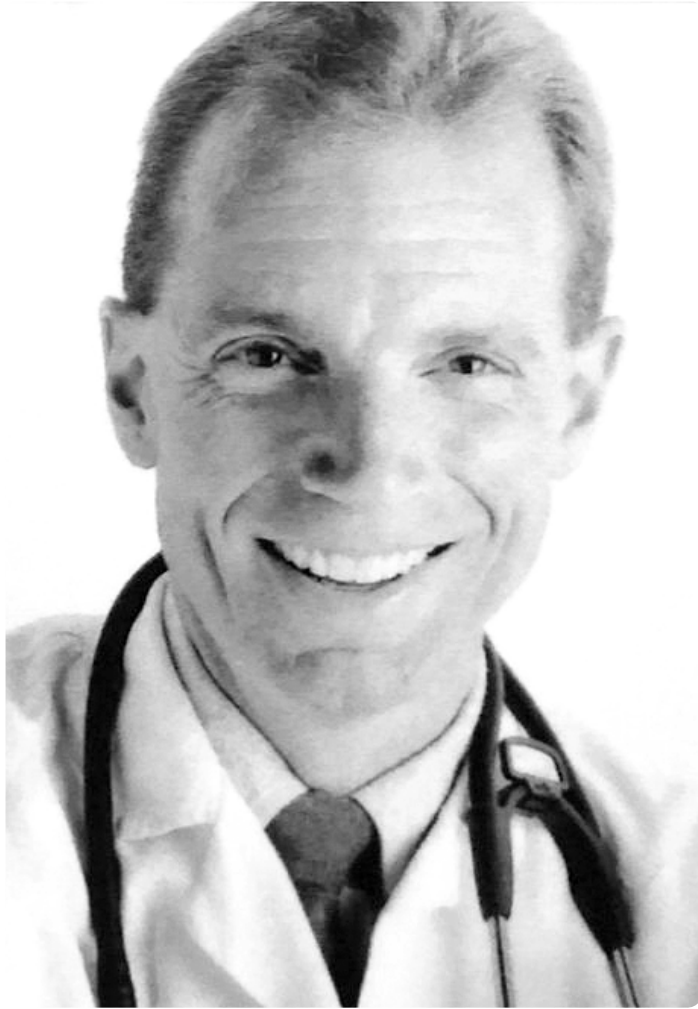


Mike Brown, Murat Dogan, Rajkumar Venkatadri, and Sandhya Xavier



# DOM UPDATES & NOTES

## Honoring the Memory of Mark Kenneth Robbins, MD



*It is with great sadness that we report that Dr Mark Robbins, a former faculty member, passed away on November 26, 2019. Mark was a faculty member in the Division of Pulmonary and Critical Care for many years and worked to establish the Cystic Fibrosis Clinic as well as the Lung Transplant Program. He was a passionate clinician, educator and patient advocate. He was also an avid runner, cyclist and swimmer. We have attached his obituary below.*

*For those fortunate to have known and worked with Mark, we will miss him and our thoughts and prayers are with his family.*

**Mark Kenneth Robbins**, age fifty-eight, of Charlottesville, Virginia, passed away unexpectedly in Charlottesville, Virginia.

Born on February 25, 1961 in New Haven, Connecticut, Mark was the son of Alice and Jerry Robbins.

He and his family moved to Baltimore, Maryland where he spent his early years before moving to Morgantown, West Virginia. He attended public school there, graduating from Morgantown High School in 1979. He attended Gettysburg College where he received his B.A. in Biology summa cum laude in 1983. He then attended the University of North Carolina Medical School where he earned his medical doctorate in 1987.

Following residency and fellowship at Hershey Medical Center and UNC, he began his medical career at the University of Virginia Medical Center, specializing in Pulmonary and Critical Care.

In addition to many awards and publications in the medical field, Mark was an avid cyclist and triathlete, challenging himself in

competitions across the country. He was an active member of local cycling groups and had a special fondness for the rural roads and landscapes in Virginia, never missing a photo opportunity. He enjoyed playing piano and chess, and had an affinity for Civil War history.

Mark is survived by his wife of thirty-one years, Amy Gustaveson Robbins; his three sons Luke Gustaveson Robbins, Jefferson Chase Robbins, and Jonathon Eric Robbins; one sibling Dr Pelle (Paul) Robbins; parents Alice and Dr Jerry Robbins; brothers-in-law Eric Gustaveson and Mark Gustaveson; sister-in-law Kathy Gustaveson; one uncle, Charles Starbranch, and many cousins, nieces, and nephews.

In lieu of flowers, the family would like to continue Mark's love for human life as well as the beauty of our surroundings by donating to a cause of your choice: including mental health, substance abuse, clean air and water, preservation of our natural resources, trail systems and bike paths.

The family wishes to extend our sincere thanks to Mary and Tom Goodrich, Amy's brothers, Eric and Mark, sister-in-law Kathy, The FlyDog Yoga community, members of St. Mark Lutheran Church and numerous neighbors and friends who have provided love and support during this time.



# UVA Health



# DOM UPDATES & NOTES

## American Society of Hematology 2019 Annual Meeting-Summary of UVA Activity

Keng	Panelist	Ash-a-Palooza Program for Trainees	Blood Buddies: Laboratory/Translational Hematology & Quality Improvement
Mohi Lab	UVA Study	Poster	Critical Requirement of U2AF1 in the Maintenance and Function of Hematopoietic Stem Cells
Loughran	Co-Author	Poster	GDF1 is a regulator of Sphingolipid Metabolism in AML
Portell	UVA Study	Poster	Multi-institution Phase I/Ib continual Reassessment to Identify the Optimal dose of IBR and VEN in R/R MCL
Portell	Co-Author	Poster (TIP)	A Phase I/II Study of Ibrutinib and Ixazomib in R/R MCL: PRECOG 0404
Loughran	Senior Author	Poster	GDF1 Regulation of Ceramide Metabolism Restores effective hematopoiesis in MDS
Keng	Co-Author	Poster	Clinical and Immunologic Activity of Ipilimumab following Decitabine Priming in Post-Allo Transplant and Transplant Naïve Pts with R/R MDS and AML
Mehra/Davidson	UVA Study	Poster	Multidisciplinary Implementation of an Iron Deficiency Anemia in Pregnancy Treatment Protocol
Orellana-Noia/Portell	Co-Author		Evaluation and Rx of Burkitt Lymphoma in Modern Era: Real world Outcomes and prognostication across 26 US Cancer centers (including us!)
Orellana-Noia/Portell	Co-Author		Outcomes of Pts with Newly Dx Burkitt Lymphoma and CNS involvement treated in the modern era: a Multi-institution Real world analysis
Portell	Moderator		627: Aggressive Lymphoma—results from retrospective/observational studies: population-based outcomes
Isaac/Portell	Co-Author		Efficacy of therapies following venetoclax discontinuation in CLL: Focus on B-cell receptor transduction inhibitors and cellular therapies.
Williams	Moderator		641: CLL: Biology and pathophys, excluding therapy: Mechanisms of Response and Resistance to Targeted Agents.
Goldfarb lab	UVA Study	Poster	Exploitation of a Newly Characterized Metabolic-Cytoskeletal Axis for Effective Combination therapy of Iron Restricted Anemia
Loughran/Ballen	Senior Authors	Poster	Blockade of IL-15 using Bnz-1, a selective $\gamma$ -chain inhibiting peptide, is safe and has clinical activity in Pts with T-cell LGL leukemia: results of a Phase I/II clin trial
Orellana-Noia/Portell	Co-Author	Poster	Current Selection Patterns, Toxicities, and Outcomes of Pre-Transplant Salvage Rx Regimens in Pts with R/R HL: Results of a Multicenter retrospective study
Portell	Co-Author	Poster	Phase Ib study of ViPOR(VEN, IBR, Pred, Obinutuzumab and LEN) in R/R B-cell Lymphoma: Safety, efficacy and molecular analysis
Portell	Co-Author	Poster	Response-adapted Study of Ibru with Temozolomide, etoposide, doxil, dexamethasone and rituximab (TEDDI-R) in Aggressive B-cell NHL with secondary CNS involvement
El Chear	Co-Author	Poster	Immune Effector Cell-Associated Neurotoxicity Syndrome (ICANS) after CD19 directed CAR T-cell for DLBCL: Predictive biomarkers and clinical outcomes.
Godfarb lab	UVA Study	Poster	Harnessing a Novel Dyrk1a-Ablm2-MKL1 Regulatory Module in Megakaryocyte Morphogenesis to Enable Scalable Platelet “Pharming”
Ballen	Co-Author	Poster	Development of HHV-6 Specific Immunity after Cord Blood Transplant in Adults depends on reconstitution of Thymopoiesis and regeneration of CD4+ T-cells
Orellana-Noia/Isaac/Portell	UVA Study	Poster	Fitness and Anthracycline Use in Front-Line Therapy for Older Patients with cHL: a Multi-Center Retrospective analysis.
Mohi Lab	UVA Study	Poster	The CDK6 inhibitor Palbociclib in Combination with Ruxolitinib remarkably Improves Myelofibrosis in Murine Models
Lee	Co-Author	Poster	Infectious Complications Associated with CAR T-cell therapy
Isaac/Ballen	UVA Study	Poster	Distance Does not Matter: Excellent Survival Outcomes for Leukemia Patients in Rural Appalachia



# DOM UPDATES & NOTES

## Oncology Clinical Trials that have opened since 11/01/2019

### Gastrointestinal Oncology

19-21923 PHAR D910CC00001

A Phase Ib/2, open-label, multicenter study of novel oncology therapies in combination with chemotherapy and bevacizumab as first-line therapy in metastatic microsatellite-stable colorectal cancer (COLUMBIA-1)

Stages: IV CT.GOV ID: NCT04068610

Primary: Reilly, Matthew, CRC: Mannen, Sallie

### Genitourinary Oncology

19-21450 UVA multi-site UMCC 2018.108

A Multi-Center Phase II Study Testing the Activity of Olaparib and AZD6738 (ATR Inhibitor) in Metastatic Castration-Resistant Prostate Cancer.

Stages: IV CT.GOV ID: NCT03787680

Primary: Devitt, Michael, CRC: Torres, Julio

### Hematologic Malignancies

19-21554 Other: National BMTCTN 1704

Composite Health Assessment Model for Older Adults: Applying Pre-transplant Comorbidity, Geriatric Assessment and Biomarkers to Predict Non-Relapse Mortality after Allogeneic Transplantation Melanoma Stages: Any/all stages CT.GOV ID: NCT03904134

Primary: Kindwall-Keller, Tamila

### kTransplant

19-20915 PHAR GC P#05.01.020

A Multicenter, Randomized, Phase III Registration Trial of Transplantation of NiCord, EX Vivo Expanded, Umbilical Cord Blood –derived, Stem and Progenitor Cells, versus Unmanipulated Umbilical Cord Blood for Patients with Hematological Malignancies

Stages: Any/all stages, CT.GOV ID NCT02730299

Primary: Volodin, Leonid

### Active Protocol Category

19-21417 UVA multi-site ALL-001 Funded by Pfizer

Phase I Study of Inotuzumab Ozogamicin with 3 and 4 Drug Augmented Berlin-Frankfurt-Munster (BFM) Re-Induction for Younger Adults Ages 18-55 with Relapsed or Refractory B-cell Acute Lymphoblastic Leukemia (B-ALL)

Stages: Not specified, CT.GOV ID: NCT03962465

Primary: Douvas, Michael, CRC: Hanby, Cara

## San Antonio Breast Cancer Symposium 2019 Annual Meeting - Poster Spotlight Session, Dr Patrick Dillon

### [Learn more...](#)

**PDI-06** Open label phase 1b/2 study of ladiratuzumab vedotin in combination with pembrolizumab for first-line treatment of patients with unresectable locally-advanced or metastatic triple-negative breast cancer Han H, Diab S, Alemany C, Basho R, Brown-Glaberman U, Meisel J, Pluard T, Cortes J, **Dillon P**, Ettl J, Kuemmel S, Manso Sanchez L, Oliveira M, O'Shaughnessy J, Papish S, Sinha R, Sterrenberg D, Stringer-Reasor E, Tsai M, Villanueva Vazquez R, Wuerstlein R, Wang Y, Wang Z, Boni V. H. Lee Moffitt Cancer Center & Research Institute, Tampa, FL; US Oncology Denver, Denver, CO; Cancer Institute of Florida, Tampa, FL; Cedars-Sinai Medical Center, Los Angeles, CA; New Mexico Cancer Care Alliance, Albuquerque, NM; Winship Cancer Institute, Atlanta, GA; St Luke's Cancer Institute, Kansas City, MO; IOB Institute of Oncology, Quiron Group, Madrid & Barcelona, Spain & Vall d'Hebron Institute of Oncology (VHIO), Barcelona, Spain; **University of Virginia**, Charlottesville, VA; Department of Obstetrics and Gynecology, Klinikum rechts der Isar, Technische Universität München, Munich, Germany; Klinikum Essen-Mitte, Essen, Germany; Hospital Universitario 12 de Octubre, Madrid, Spain; Hospital Universitari Vall d'Hebrón, Barcelona, Spain; Texas Oncology-Sammons Cancer Center, Dallas, TX; Summit Medical Group, Berkeley Heights, NJ; Piedmont Cancer Institute, Atlanta, GA; Ingalls Cancer Care, Harvey, IL; University of Alabama at Birmingham, Birmingham, AL; Virginia Piper Cancer Institute, Minneapolis, MN; Institut Català d'Oncologia, Llobregat, Spain; Klinikum der Univ München, München, Germany; Seattle Genetics, Inc., Bothell, WA; START Madrid-CIOCC Hospital Universitario HM Sanchinarro, Madrid, Spain.

**PDI-04** Results of a phase II double-blinded, randomized, placebo-controlled clinical trial of Indoximod, an Indoleamine-2,3-dioxygenase 1 (IDO1) inhibitor, in combination with Taxane chemotherapy in metastatic breast cancer (MBC)

Mariotti V, Tang S, **Dillon P**, Montero A, Poklepovic A, Melin S, Nuhad I, Nikolinakos P, Kennedy E, Han H, Ismail-Khan R, Bruetman D, Danciu O, Gilman P, Karaszewska B, Lesniewski-Kmak K, Panella T, Patel D, Suszko-Kazarnowicz M, Volterra F, Soliman H. Moffitt Cancer Center, Tampa, FL; Augusta University, Augusta, GA; **University of Virginia**, Charlottesville, VA; Cleveland Clinic, Cleveland, OH; Virginia Commonwealth University, Richmond, VA; Wake Forest, Winston-Salem, NC; MD Anderson Cancer Center, Houston, TX; University Cancer & Blood Center, Athens, GA; Thomas Jefferson University, Philadelphia, PA; Goshen Hospital, Goshen, IN; University of Illinois, Chicago, IL; Lankenau Institute, Wynnewood, PA; Komed, Konin, Poland; Oddzial Chemioterapii, Gdynia, Poland; University of Tennessee, Knoxville, TN; Aurora Medical Center, Green Bay, WI; Olsztynski Ośrodek Onkologiczny, Olsztyn, Poland; Eastchester Center for Cancer Care, Bronx, NY.



# DIVISION SPOTLIGHT - INFECTIOUS DISEASES

## Division Chief Message - Dr Eric Houpt



**Eric Houpt, MD**

It is an honor to share an update from the Division of Infectious Diseases and International Health. We are 35 faculty, nine fellows, and four nurse practitioners supported by terrific staff. We are busy with 3 inpatient consultation services along with general medicine ward attending, and also staff a number of outpatient specialty clinics. Our research grant expenditures exceed \$16M and we have faculty active in areas from antimicrobial resistance to HIV and global health and everywhere in between. We are active educationally, as clerkship directors and curriculum developers. We will kick off 2020 with a few features highlighted below and look forward to a great year ahead.

~Eric Houpt MD, Division Chief



Congratulations to all in the Division of Infectious Diseases who participated in the 2019 Community Bridges 5K Race. Proceeds benefited AHIP (Albemarle Housing Improvement Program), Habitat for Humanity of Greater Charlottesville, the Charlottesville Public Housing Association of Residents (PHAR).



# DIVISION SPOTLIGHT - INFECTIOUS DISEASES

## ID DIVISION EXPANSION WITH ADDITION OF OPAT SERVICE



The OPAT Team, from left front row: Lindsay Donohue, Heather Cox, Catherine Kidd, Tania Thomas, Megan Shah, back row: Zach Elliott, Chris Moore, Josh Eby

The ID Division provides a safety net for patients leaving UVA hospital with intravenous antimicrobials. Last year, this safety net was expanded by initiation of the ***Outpatient Parenteral Antimicrobial Therapy (OPAT) Service*** team of ID physicians, ID-trained pharmacists and a nurse practitioner. The team evaluates and manages patients requiring outpatient intravenous antimicrobials and associated central lines. Most patients accepted to this monitoring and management service begin their therapy in the hospital, but the service also considers the needs of patients starting therapy as outpatients. Through their attention to line utilization, follow-up needs, antimicrobial dosing, and abnormal laboratory results the team has reduced excess antibiotic use, excess central line use, and readmissions among patients being monitored.

To set up OPAT Service support for patients leaving the hospital on i.v. antimicrobials, physicians and LIPs can contact [CL\\_OPAT@virginia.edu](mailto:CL_OPAT@virginia.edu) or pager 9750.

## INFECTIOUS DISEASES RESEARCH

**Molly Hughes, MD** was an invited speaker at the *2019 Chemical and Biological Defense Science and Technology (CBD S&T) Conference*, hosted by the *Defense Threat Reduction Agency (DTRA)*. This biannual meeting aims to foster collaboration between government, industry, and academia to detect, deter, and defeat chemical and biological threats to our nation and armed forces. Dr Hughes' presentation, entitled "*Chemokine-derived peptides as multifunctional countermeasures for treating infections caused by antimicrobial-resistant bacterial pathogens*", focused on her laboratory's success in identifying and developing peptides that target both the host and pathogen to counter infections caused by multidrug-resistant bacteria and biothreat agents.

**Dr Scott Heysell's** research group had a strong showing at the *Union World Conference on Lung Health* (the world's largest tuberculosis meeting), which was held in Hyderabad, India. Dr Heysell gave several talks including his work "*Implementation of therapeutic drug monitoring in a high-burden drug-resistant tuberculosis setting in Siberia, Russia*". ID Fellow **Dan VanAartsen** presented his work on "*Impact of malnutrition on antimycobacterial pharmacokinetics/pharmacodynamics*" and also "*Pas de deux: Diabetes, adiposity, and the efficacy of anti-tuberculosis therapies*". ID Fellows **Sagal Mohamad**, **Yusra Alkabab**, **Darwin Operario** (Senior Scientist), and **Valerie Masiphephetu** (GIDRT fellow) presented posters. **Stellah Mpagama**, a former GIDRT fellow from Tanzania, and now collaborator of Dr Heysell's was invited to give a plenary talk on "*Optimizing treatment for health and well-being after TB cure*".

**James Platts-Mills, MD** gave two talks at the annual meeting of the *WHO-coordinated Global Pediatric Diarrhea Surveillance Network* in Rio De Janeiro, Brazil. With colleagues at the *CDC* and *WHO*, Dr Platts-Mills co-founded this network in 2016 to monitor the shifting etiologies of diarrhea requiring hospitalization worldwide. The network currently includes surveillance sites in 31 countries from all six WHO regions. This network uses the same diagnostic and analysis framework developed by Dr Platts-Mills along with Drs **Eric Houpt** and **Jie Liu** to apply quantitative molecular diagnostics to studies of diarrhea etiology (including work that has been previously published in *The Lancet* and *The Lancet Global Health*). Since the network's founding, **Darwin Operario**, a senior scientist in the Division, has directed the molecular diagnostic testing performed at the WHO regional reference labs. Dr Platts-Mills oversees the analysis of the data generated by the network, with support from **Elizabeth Rogawski McQuade** and **Timothy McMurtry**.

**Kate McManus, MD** and **Becca Dillingham, MD**, in collaboration with **Daniel Sebastian Tello-Trillo, PhD** from the *Frank Batten School of Leadership and Public Policy* and **Jezssica Keim Malpass** from the School Nursing received a *3 Cavaliers Award*. The 3 Cavaliers program is a rapid seed funding program at the University of Virginia enabling creative, collaborative, consequential research ideas. Check out this video to learn more about their project: "[The Impact of the Affordable Care Act's dependent mandate on people living with HIV](#)"



# DIVISION SPOTLIGHT - - INFECTIOUS DISEASES

## INFECTIOUS DISEASES FELLOWSHIP PROGRAM

Led by Program Director, **Dr Chris Moore**, and Associate Program Director, **Dr Kate McManus**, UVA's Infectious Disease Fellowship for MDs is a three-year program supported by two NIH T-32 training grants that aims to produce world-class physicians dedicated to a career in academic infectious diseases. Our program offers rigorous training and supervised experience with faculty members who have broad clinical and research expertise. The first year of training is dedicated to research and the second and third years of training are divided between clinical training and research. Opportunities abound for rich interdisciplinary research experiences in cutting-edge basic science and translational, clinical, and epidemiologic infectious diseases research. Research takes place in state-of-the-art laboratories, clinics, and hospitals, at UVA and in facilities around the world. Research themes include care for patients with HIV; modeling and outcomes related to critical care and severe sepsis; epidemiology of multi-drug resistant organisms; global health; diagnostics; immunology; host susceptibility to infection; host-pathogen interactions; and pathogenesis of infectious diseases.

In the last year, our fellows have presented work nationally and internationally at IDWeek, the American Society of Tropical Medicine and Hygiene, and the TB Union Meeting. They have published thirteen papers, including in the following journals: *Clinical Infectious Diseases*, *Infection Control and Hospital Epidemiology*, *Open Forum Infectious Diseases*, *Expert Review of Anti-Infective Therapy*, *Clinical Microbiology and Infection*, and *Antimicrobial Agents and Chemotherapy*, among others. After a very successful recent match, we look forward to welcoming **Jackie Hodges** and **Jen Sasson** from UVA, and **Brian Grundy** from U Texas-Austin to our fellowship program in 2020.

We welcome hearing from residents and students who are interested in working on research projects in the Division. Please contact [Chris Moore](mailto:ccm5u@hscmail.mcc.virginia.edu) (ccm5u@hscmail.mcc.virginia.edu) or [Kate McManus](mailto:km8jr@hscmail.mcc.virginia.edu) (km8jr@hscmail.mcc.virginia.edu) if you would like to be connected to a project and follow our [Twitter feed](#) (@UVA\_ID) to stay up to date with our news and activities!

### Current Infectious Diseases Fellows

Year 1	Residency	Mentor	Research
Tarina Parpia	Georgetown	James Platts-Mills	Enteric infection in Tanzanian children
Evan Robinson	University Indiana	Amy Mathers	Antimicrobial stewardship and hospital infections
Dan Van Aartsen	Case Western Reserve	Scott Heysell	Pharmacokinetics of anti-TB therapy
Year 2			
Bree Campbell	Univ Texas Medical Branch	Becca Dillingham	Mobile Health for HIV retention in care
Sagal Mohamed	University of Tennessee	Scott Heysell	Pharmacokinetics of anti-TB therapy
Stacy Park	University of Virginia	Amy Mathers	Epidemiology of multidrug-resistant organisms
Year 3			
Greg Madden	Yale	Costi Sifri	Hospital acquired infections
Jackie Sherbuk	Yale	Becca Dillingham	Hepatitis C clinic engagement in care
Kevin Steiner	Brigham & Women's Hospital	Bill Petri	Cryptosporidium immunology



# DIVISION SPOTLIGHT - INFECTIOUS DISEASES

## GRANTS AND AWARDS OF NOTE

- Rebecca Dillingham, MD – received a contract with VDH to support work developing and implementing a telemedicine hub and spoke model of HCV care that prioritizes treatment of people who use drugs, especially in SW Virginia. She also received an award from the Regents of the University of Colorado for a quality improvement project which provides the PositiveLinks platform to the Children’s Hospital of Colorado to pilot among its youth, young adults, and pregnant patients.
- Scott Heysell, MD – was awarded a grant from the Virginia Tuberculosis Foundation for the project entitled “Clofazimine for multidrug-resistant tuberculosis in Virginia: extending the reach.”
- Eric Houpt, MD – was awarded a grant from USAMRAA (Army) entitled “Production of customized TAC cards for Antimicrobial and Antimalarial Drug Resistance” and a grant from Bill and Melinda Gates Foundation, “Molecular Diagnostics for Maternal, Newborn & Child Health”
- Margaret Kosek, MD- received an NIH/ Cancer Institute a collaborated award with the University of Maryland entitled “Translating molecular diagnostics for cervical cancer screening into practice”, and another collaborative award with Johns Hopkins University/NASA entitled “Environmental Determinants of Enteric Infectious Disease: a GEOSS platform for analysis and risk assessment”
- Amy Mathers, MD- received an award from UVA’s Center for Engineering in Medicine entitled “Mitigating the spread of antibiotic resistance and its associated health impacts in clinical and environmental contexts”, and awards for two projects funded by Antimicrobial Resistance Services, Inc. entitled “Antimicrobial Resistance testing services: Product and device efficacy testing for interventions in sink lab” and “Whole genome sequencing services for hospital-acquired bacteria.”
- Bill Petri, MD, PhD- was awarded the Bean Kean Medal by the American Society for Tropical Medicine and Hygiene, awarded to a clinician or educator for their dedication to clinical tropical medicine and their impact on training. Bill was also awarded the Walter Reed Distinguished Achievement Award by the UVA Medical Alumni Association. Bill also has received funding from TechLab, Inc for testing “Sofia 2 C difficile FIA testing” and a supplement from NIH for the “Global Network Azithromycin-Plus Trial: Multi-site efficacy and safety” study.
- W. Michael Scheld, MD - was awarded the the Alexander Fleming award for Lifetime achievement from the Infectious Diseases Society of America.
- Fred Hayden, MD – received the Lifetime Achievement Award from the International Society for Influenza and other Respiratory Virus Diseases (ISIRV).
- Girija Ramakrishnan, PhD – received the Henry Rose Carter Research Award in support of her project “Phosphatidylcholine-associated fatty acids in neurocognitive development of children.”
- Jae Shin, MD – was awarded a K08 grant entitled “Aging and Clostridium difficile infection: interplay of microbiota and host response.”
- Kevin Steiner, MD, PhD- received an ASTMH fellowship from the Burroughs Wellcome Fund to study “IgA Immunity in Human Cryptosporidiosis Infection in Bangladesh”
- Mami Taniuchi, PhD– was awarded a Bill and Melinda Gates Foundation grant with in collaboration with the University of Utah entitled “Development of a Bayesian diagnostic for etiological management of pediatric diarrhea” and also received a supplement award for the ongoing “TaqMan Array Card method for polio environmental surveillance.”
- Greg Townsend , MD– received a grant under Ryan White Part D program for medical and support services for women, infants, children and youths living with HIV from U.S. Department of Health and Human Services (DHHS) Health Resources and Services Administration (HRSA). Dr. Townsend was also awarded a grant for Comprehensive HIV/AIDS Resources and Linkages for Inmates (CHARLI) for going into jails and prisons to teach inmates about HIV, test for HIV and for HIV positive inmates to work with them to plan for their first 18 months after release to link them to medical care, provide HIV medications and support services.
- Bill Petri, MD, PhD and Sean Moore, MD (Pediatric GI) – have been awarded \$5 million from the UVA Strategic Investment Fund for their Trans-University Microbiome Initiative (TUMI). The goal of TUMI is to build gnotobiotic and metabolomic research across Grounds.



# INFECTIOUS DISEASES - PUBLICATIONS

## Bree Campbell, MD

*Bridging the digital health divide: toward equitable global access to mobile health interventions for people living with HIV.* **Campbell BR, Ingersoll KS, Flickinger TE, Dillingham R.**

Expert Rev Anti Infect Ther. 2019 Mar;17(3):141-144. doi: 10.1080/14787210.2019.1578649. Epub 2019 Feb 20. PMID: 30721103

## Gregory Madden, MD

*Case Report: Lower Gastrointestinal Bleeding due to Entamoeba histolytica Detected Early by Multiplex PCR: Case Report and Review of the Laboratory Diagnosis of Amebiasis.* **Madden GR, Shirley DA, Townsend G, Moonah S.** Am J Trop Med Hyg. 2019 Oct 28. doi: 10.4269/ajtmh.19-0237. [Epub ahead of print] PMID: 31674299

*HIV-Associated Vacuolar Encephalomyelopathy.* **Madden GR, Fleece ME, Gupta A, Lopes MBS, Heysell SK, Arnold CJ, Wispelwey B.** Open Forum Infect Dis. 2019 Oct 1;6(10). pii: ofz366. doi: 10.1093/ofid/ofz366. PMID: 31419292

*Case report: Anaerobiospirillum prosthetic joint infection in a heart transplant recipient.*

**Madden GR, Poulter MD, Crawford MP, Wilson DS, Donowitz GR.**

BMC Musculoskelet Disord. 2019 Jun 26;20(1):301. doi: 10.1186/s12891-019-2684-z. PMID: 31238924

*Reduced Clostridioides difficile Tests Among Solid Organ Transplant Recipients Through a Diagnostic Stewardship Bundled Intervention.*

**Madden GR, Sifri CD.** Ann Transplant. 2019 May 28;24:304-311. doi: 10.12659/AOT.915168. PMID: 31133632

*Cost Analysis of Computerized Clinical Decision Support and Trainee Financial Incentive for Clostridioides difficile Testing.*

**Madden GR, Cox HL, Poulter MD, Lyman JA, Enfield KB, Sifri CD.** Infect Control Hosp Epidemiol. 2019 Feb;40(2):242-244.

doi: 10.1017/ice.2018.300. Epub 2018 Nov 23. No abstract available. PMID: 30466495

*PCR cycle threshold to assess a diagnostic stewardship intervention for C. difficile testing.*

**Madden GR, Poulter MD, Sifri CD.** J Infect. 2019 Feb;78(2):158-169. doi:10.1016/j.jinf.2018.09.013. Epub 2018 Sep 28. No

abstract available. PMID: 30273623

## Stacy Park

*Managing All the Genotypic Knowledge: Approach to a Septic Patient Colonized by Different Enterobacteriales with Unique Carbapenemases.*

**Park SC, Wailan AM, Barry KE, Vegesana K, Carroll J, Mathers AJ, Miller WR, Munita JM.**

Antimicrob Agents Chemother. 2019 Jul 25;63(8). pii: e00029-19. doi: 10.1128/AAC.00029-19. Print 2019 Aug. PMID: 31345843

*Rabies Encephalitis With Myocarditis Mimicking ST-Elevation Myocardial Infarction.*

**Park SC, Crane IM, Pal K, Cagnina RE.** Open Forum Infect Dis. 2019 Jun 4;6(6):ofz260. doi: 10.1093/ofid/ofz260. eCollection

2019 Jun. PMID: 31263736

## Sherbuk J, MD

*Knowledge of Hepatitis C Risk Factors is Lower in High Incidence Regions.*

Knick T, Sherbuk JE, **Dillingham R.** J Community Health. 2019 Feb;44(1):12-15. doi: 10.1007/s10900-018-0545-6. PMID: 29982938

*Improved mortality in Staphylococcus aureus bacteremia with the involvement of antimicrobial stewardship team and infectious disease consultation.*

**Sherbuk JE, McManus D, Topal JE, Malinis M.** Infect Control Hosp Epidemiol. 2019 Aug;40(8):932-935. doi:

10.1017/ice.2019.136. Epub 2019 Jun 14. PMID: 31196239

*Training the next generation of HIV providers: impact of trainees on patient satisfaction in an urban HIV clinic.*

**Sherbuk JE, Barakat LA.** AIDS Care. 2019 Jan;31(1):41-44. doi: 10.1080/09540121.2018.1476663. Epub 2018 May 21. PMID: 29779395

## Steiner K, MD, PhD

*Fecal IgA against a sporozoite antigen at 12 months is associated with delayed time to subsequent cryptosporidiosis in urban Bangladesh: a prospective cohort study.*

**Steiner KL, Kabir M, Priest JW, Hossain B, Gilchrist CA, Cook H, Ma JZ, Korpe PS, Ahmed T, Faruque ASG, Haque R, Petri WA.** Clin Infect Dis. 2019 May 25. pii: ciz430. doi: 10.1093/cid/ciz430. [Epub ahead of print] PMID: 31131855

## Tarina Parpia

ASTMH Poster presentation Nov. 2019: “Early Life Interventions for Childhood Growth and Development in Tanzania (ELICIT): study rationale and baseline characteristics”.



# SPOTLIGHT PROFILE - INFECTIOUS DISEASES

## FELLOW PROFILE - Stacy Park



*Tell us a little bit about yourself.*

I was born in Germany, but my family moved back to Leesburg, Virginia, when I was six months old, which is where I grew up. I've been at UVA for eight years - I came for medical school after completing my undergraduate degree at the College of William and Mary. I liked it so much that I decided to stay for residency and now fellowship! I got married about a year and a half ago and live in town with my husband and our two carnivorous plants (we used to have four...)

*What brought you to Charlottesville?*

I came for the in-state medical school tuition and stayed for the mountains, Lampo pizza, and variety of craft breweries. And the excellent medical training, of course.

*What excites you about your work?*

I love the detective work involved in figuring out what's going on with a lot of the patients we see as infectious disease consultants. Once in a while we get that really great case where some minor detail about the patient tips us off to send the right test and get the diagnosis, which is always fun. Sometimes we learn the most interesting and surprising things about our patients in the process. Also, many infectious diseases respond relatively quickly to treatment and it's always satisfying to watch patients get better.

*Next life?*

Cryptologist. Or a dolphin trainer.

*What are you usually doing on the weekend?*

My husband and I still have a lot of friends and family in the northern Virginia area, where we are both from, so we make quick trips up there frequently to visit. When I'm in town, I'm usually out discovering new hikes in the area, grabbing a beer at a local brewery, playing soccer, or watching shows that everyone else watched five years ago on Netflix.



*How did you meet your partner?*

We lived on the same freshman hall and were friends throughout college, though we didn't start dating until after graduation.

*What's one thing you always have in your fridge?*

Sparkling water.

*Favorite vacation/activity spot?*

North Carolina beaches. The exact one has changed several times over the years, but I've gone with my family almost every summer for as long as I can remember and have tons of good memories.



*Best advice anyone ever gave you?*

"Always leave things better than you found them." ~my mom. She was talking about any room I entered in the house, but it also works for life in general.

*What about you would surprise us?*

I was born at home and delivered by my dad, an engineer, because the midwife didn't make it in time.

*What is a talent or skill that you don't have that you wish you did?*

Either singing or dancing (well).

*Favorite fictional characters?*

It's not very original, but probably Hermione from the Harry Potter series. She's so clever, passionate, and fiercely loyal to her friends. And, of course, baby Yoda.

*What is the last book you read for pleasure?*

*Love in the Time of Cholera* by Gabriel Garcia Marquez.

*What's the most unusual thing you have ever eaten?*

I'm not a very adventurous eater, but I did once eat octopus.

*Do you collect anything?*

Just memories – I don't like clutter!

*What was your first job, how old were you?*

I started working as a soccer referee at age 15. I got yelled at plenty... it definitely helped me learn to not take things personally, keep my composure, and defuse tense situations. It paid surprisingly well, and the little kids in particular could be pretty hilarious at times.



# SPOTLIGHT PROFILE - INFECTIOUS DISEASES

## STAFF PROFILE - Glenn Glover



*Tell us a little bit about yourself.*

I was born in the Morristown, New Jersey and I'm the youngest of three boys. The first nine years of my life we lived in a house on the corner of Liberty and Linden Street and my paternal grandmother lived in the upstairs apartment because my dad wanted her close by. My mother's sister and her family of six lived across the street from us and my mother's nephew lived down the street with his wife and five children. It was a wonderful childhood where we could walk to school and then after school and weekends I played with my brothers, cousins and friends. We were a group of around 10 boys and since this was before video games and cables, our parents wanted us to stay outside and play, and we definitely did. Most Saturday afternoons during the summer we walked to the movies which only cost 50 cent and we spend our weeks at the Burnham Park pool which our moms would get us badges for \$5 which were good for the whole summer so we lived in the water. In the winters we had snow from December until around March so we stayed outside whenever we could and only came in to change out of our wet clothes and put on dry ones. When I was nine years old my family moved into a new home about a mile from our first home and we maintained our friends and made new ones. It was an amazing and wonderful childhood.

After high school I attended Howard University in DC and afterwards I started working in DC. I worked on Capitol Hill for a while then I worked for the American Association of Higher Education and after that job, I started working for AT&T. AT&T later moved our office to a new building in Oakton, VA so I moved from DC to Virginia. About 32 years ago my parents were about to retire so they came down to Charlottesville and purchased a home, however, since they

weren't quite ready to retire, they asked me to move into the house and take care of it until they moved from New Jersey to Virginia. I didn't really want to leave DC but my parents loved me so much and were always there for me, so I agreed. They purchased another house when they finally did retired and moved into that house in Green County VA. I later learned that my parent's plan was to have me live near them again, so they sold me my house. My middle brother moved from New Jersey and came down to live with my parents and my older brother was living in Arlington, VA so they were able to have their sons living close by.

Thirteen years ago I adopted my son as a single parent and about three years ago he and his wife were blessed with my granddaughter who is a wonderful and loving child. Charlottesville is a great place to live and I enjoyed working at UVA and I hope to retire in about three years and just work part-time and spend more time with my granddaughter.



My granddaughter Leyah and myself

*Why UVA?*

I started at UVA 22 years ago in the Department of Nephrology and later worked in The Carter Immunology Center. About eleven years ago I started working in the Division of Infectious Diseases.

*What excites you about your work?*

One of the things that excites me about my job is being the first person that people see when they come to our office, that and being able to help answer questions or finding solutions for people coming to me for help.

*Proudest/greatest achievement outside the professional realm?*

My proudest/greatest achievement is being a grandpa to my granddaughter.

*What are you usually doing on the weekend?*

I spend my weekends in the summer working in my yard maintaining the five patios I built and all the landscaping I have done over the last 30 years in my yard. In the winter I'm a home body and I visit with friends, I go to movies and my daughter-in-law brings my granddaughter for visits or I visit them.

*Favorite vacation/activity spot?*

My favorite vacation spots are Disneyland and Disney World.

*Most admired person, and why?*

The people who I admired the most were my parents who were very hard working and very loving. I miss them both and I wished they could have met their great granddaughter.

*Best advice anyone ever gave you?*

Trust in the Lord.

*Favorite fictional characters?*

The Avengers

*What was your first job, how old were you?*

My very first job was to make my bed every morning and doing chores every Saturday morning before my brothers and I could go out to play. My first paying job when I was around 11 years old was a newspaper route that my brother and I had in our neighborhood and if it was raining, my mom would help us wrap up the newspapers in plastic bags and drive us around.



## FACULTY PROFILES - Margaret Kosek and Pablo Peñataro Yori

*Tell us a little bit about yourselves.*

Margaret finished Internal Medicine training at Harbor-UCLA in 2000 and then came to work with Dick Guerrant as a postdoctoral fellow at UVA for a year. Interested in research, but was unsure if she wanted to work in research or primarily in the delivery of care in underserved communities she joined MSF (Doctors Without Borders) for a year, and opened a clinic that provided antiretroviral therapy and integrated care (prior to the PEPFAR era) that served the Garifuna population in Tela, Honduras. There she met her husband Pablo, a nurse, laboratory technician and epidemiologist who visited the project as he was on the MSF Board of Directors in Spain. Margaret and Pablo then joined the faculty at the Johns Hopkins Bloomberg School of Public Health where they worked our Peruvian team and collaborators to build and staff a research center and clinic in the Peruvian Amazon where they lived with their family for fourteen years. They returned to Baltimore five years ago to continue their research, but still spend half of the year in Iquitos, Peru. Margaret also did a brief stint to complete her clinical training in Infectious Diseases at Johns Hopkins before moving, with Pablo to UVA in January of 2019.

*What brought you both to Charlottesville?*

Outstanding and highly collaborative research colleagues.

*What do you do in Peru?*

Over the years we have created a center for translational research in nutrition and infectious diseases, we have created a center that instead of moving from bench to bedside, moves from bench to the home and the communities in which affected populations live. We do this in the belief that social and environmental determinants of disease incidence and outcomes are fundamental in controlling and addressing recalcitrant problems that effect vulnerable populations.

We are currently funded in research in enteric diseases, clinical trials of probiotics and anti-helminthics, HPV and cervical cancer screening, the non-invasive assessment of enteropathy. We also have conducted a significant amount of research in malaria, food security, social networks, and child growth and the microbiome, and the effect of climate on the risk of enteric infectious diseases.

Both of us found it challenging to find opportunities to be involved in research and service overseas. As a result, we have always involved trainees of different levels, and interested individuals from different academic backgrounds to join us. We have found it to be very rewarding to integrate students into our research, undergraduates, graduate students in public health and nursing, residents and other physicians, engineers, veterinarians, and earth and planetary scientists have all integrated into our team at different points.

*Who do you work with?*

We strongly believe in the power of collaboration. We work with colleagues at the Johns Hopkins University, AB PRISMA, the Universidad de Cayetano Heredia (UPCH), the Universidad de Ciencia Peruana (UCP), Tulane University, Washington University, the CDC, the USDA, and Imperial College.

*What is the best part of your job?*

Research and inquiry are by nature dynamic, and this allows for a generous breadth of professional activity and travel that has always appealed to both of us. We are restless by nature, and we have managed to find a career that aligns with that.

*Best advice anyone ever gave you?*

To listen carefully. In clinical care, the patient and/or family have tremendous insight into the origin of their illness. In research, the ability to examine data and perceive patterns comes from listening to the data and the people who create it.



# SPOTLIGHT PROFILE - INFECTIOUS DISEASES

## FACULTY PROFILE - Kate McManus



*Tell us a little bit about yourself.*

I graduated from Dartmouth College, as a chemistry major, and then moved to New York City for medical school at Columbia's College of Physicians and Surgeons. For Internal Medicine residency, I came to Charlottesville to train at UVA on the Clinical Investigator Track, and then I had the opportunity to be an Internal Medicine Chief Resident, which was a great year to gain experience with medical education. For Infectious Diseases (ID) fellowship, I decided to stay at UVA for the excellent clinical training and the outstanding research opportunities. In summer 2017, I joined the UVA faculty and was part of the inaugural class of Translational Health Research Institute of Virginia faculty scholars. In August 2018, I was awarded a K08 Mentored Career Development Award from the National Institute of Allergy and Infectious Diseases to study the effects of the Affordable Care Act on low-income people living with HIV and to quantify how health policy changes impact disparities in HIV care. In my current position, I love that no two days are the same. Each day is a mix of research, patient care, and medical education.

*Why HIV Care and Health Policy Research?*

With a father who is an Infectious Diseases physician, I was exposed to the fields of medicine, Infectious Diseases, and HIV at a young age. As a teenager, I worked as a receptionist in my father's Infectious Diseases practice and observed HIV clinical care and clinical trials with interest. Over the six summers that I worked in my father's ID clinic, there were great strides in the treatment of HIV, and this struck me as an impressive biomedical advancement that improved the lives of many. I knew that I wanted to be an Infectious Diseases specialist and focus on HIV care. When I was a resident at UVA, I started to see the impact of health policies on patient care and had the opportunity to study the impact of a state health policy change on people living with HIV in the UVA clinic. From that experience, I decided that this would be a main part of my career, and since then, I have been working to build a research niche related to health policy, epidemiology, health services, and HIV outcomes. With the federal government's "Ending the HIV Epidemic" Initiative, there is a great opportunity to shine a light on health policies that could help to end the HIV epidemic. My passion is to perform research that can be used for evidence-based policy.

*What excites you about your work?*

The clinical work, first and foremost. The UVA Ryan White HIV clinic offers comprehensive care in addition to HIV medical treatment, and I enjoy working with our wonderful team to help our patients live full lives. Attending on general medicine and ID consults is another aspect of my clinical work that I really enjoy. I also get very excited about research developments and breakthroughs that may improve HIV healthcare delivery. Working with colleagues from all over UVA grounds (Public Health Sciences, School of Nursing, Batten, Data Science, Anthropology) has been fun and has taken my research in new directions. I am also passionate about mentoring students, residents, and fellows on research projects to help them make discoveries and develop new transferable research skills.

*What brought you to Charlottesville?*

During my fourth year of medical school, I came down to UVA for an away elective with the Infectious Disease consult team. The residents were knowledgeable and collegial, and I could picture myself enjoying working with them. My ID attendings were Dr Donowitz, Dr Sifri, and Dr Wispelwey, and they impressed me with their bedside manner and academic prowess. I also thought the Charlottesville area was beautiful. After that elective, I knew I wanted to match at UVA. I have now been in Charlottesville for almost 10 years and still enjoy working with my colleagues and spending time admiring the beautiful scenery.

*Proudest/greatest achievement outside the professional realm?*

Learning to play the game of golf and improving my handicap.

*Next life?*

I would do this again! Cheesy, but true.

*What are you usually doing in spare time?*

Playing golf or board games, going on hikes, and cheering on the UVA basketball team!

*How did you meet your partner?*

We met socially here in Charlottesville. It has been a fun and amazing journey since we met, and we got married in August 2019.

*Favorite vacation/activity spot?*

I went on my honeymoon this fall to Greece! It was the perfect mixture of history, sightseeing, outdoor activities, and laying by a pool. We also took a cooking class.

*Most admired person, and why?*

My paternal grandfather is the person I admire the most. He came over to the United States from Northern Ireland in his 20's and served in the military in order to gain US citizenship. He had many different jobs, from working on the shipyard to owning an Irish pub, The Killarney Castle, in New York City. He worked hard every day of his life in order to make sure that his family was comfortable and educated. Despite many hardships, he was always happy and appreciative for what he had. I try to remember and emulate his work ethic and his gratitude.

*Best advice anyone ever gave you?*

You can achieve and exceed your goals by simply applying hard work, dedication and personal sacrifice; but you must not lose sight of what gives you the joy that fuels your passionate pursuit of your goals.

*What about you would surprise us?*

My favorite dinner is Thai food and champagne!