

The DOM Insider

The official newsletter of the Department of Medicine



IN THIS ISSUE

Letter from the Chair

Divisional Spotlight

EPIC Update

Research News

Clinical News

Education News

Faculty Updates

Awards/Grants/Etc.

Trainee Updates

OUTMed at St. Louis Pridefest

Giving

Follow Us
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Letter from the Chair



Dear faculty, staff, trainees, alumni and friends,

Welcome to the inaugural Washington University School of Medicine, Department of Medicine newsletter, *The DOM Insider*. This newsletter was conceived to amplify the achievements of our department and to serve as a vehicle to keep you up-to-date on our accomplishments, challenges and opportunities as we continue on our path as a leader in medicine.

Within this newsletter and in our editions to follow, I invite you to investigate our efforts to further our mission concentrations of research, clinical care and education. Our department is growing and making great advances in each of these areas. In this issue, we take a closer look at Infectious Diseases with a divisional spotlight on Dr. Rupa Patel and the PrEP program. Also included is the latest news in research, clinical care and education across the divisions, centers and initiatives within the Department of Medicine.

The accomplishments detailed here are only a fraction of the truly amazing successes I witness within our department on a daily basis. Thank you to all our faculty and staff for the outstanding work that you do each day. Your dedication continues to build my belief and faith in the unlimited potential for the Department of Medicine.

Until our next issue, I wish you the best in your endeavors. Thank you for all you do on behalf of the Department of Medicine.

Best Regards,

Victoria J. Fraser, MD
Adolphus Busch Professor of Medicine
Chair, Department of Medicine

Divisional Spotlight

Infectious Diseases – The PrEP program

As part of the Infectious Diseases clinic, the PrEP program combines research, patient care and capacity building to provide comprehensive PrEP and HIV-prevention services. HIV Pre-Exposure Prophylaxis or (PrEP) is a one pill per day regimen that HIV-negative people can take to reduce their chances of becoming infected with HIV by over 90%.

Washington University in St. Louis is uniquely affiliated with pharmacy-based PrEP care. It is among one of the few academic-private partnerships of its kind in the nation, and offered the first pharmacy PrEP model in the state of Missouri, a Medicaid non-expansion state.

Through a collaborative practice agreement with Gateway Apothecary Pharmacy, the clinic can provide PrEP care and medications for patients. The pharmacy also conducts HIV and hepatitis testing, kidney monitoring, PrEP adherence and risk reduction counseling. Additional services include: a referral network set up for primary care, mental health, substance use, and extensive STD testing.

"We have developed services that are accessible, affordable, and high-quality for uninsured, underinsured, and insured individuals," comments Rupa Patel, MD, MPH, Assistant Professor of Medicine and Director of the PrEP



Rupa Patel, MD, MPH, DTM&H

program. "We collaborate with community partners to truly be a comprehensive, one-stop clinic."

Patel credits the Department of Medicine's support with the program's broader goal of making a real connection to the community. "The Department's support shaped how we deliver PrEP so that it reaches those most at risk," said Patel. "It helped us go beyond clinical care and research to capacity building with interested organizations so that the clinic could make a larger impact for Missouri."

More information about the PrEP program is available [here](#).

EPIC Update



Please reference the most recent EPIC Action Report found [here](#). This report, distributed bi-monthly, provides valuable updates on EPIC.

Research News

• In Vivo Imaging Core is Now Available!

In Vivo Imaging Core (IVIC) in Infectious Diseases provides a cost-effective and sustainable in vivo resource and multi-dimensional data analysis for WUSM researchers. Please visit the [IVIC website](#) for more information on reservations, core services and imaging applications. For questions or a quote, call (314) 362-3044 or email: invivoimagingcore@gmail.com.

- [Brian Kim, MD](#) was quoted in the recent *Washington Post* article, "[When to Start Worrying about a Chronic Itch](#)", on how the immune system plays a key role in propagating the itch-scratch cycle.



Clinical News

The DOM clinical presence continues to grow. We have opened new locations and expanded hours and services at several facilities within the past year.



• **New Siteman Cancer Center to Open in North St. Louis County**

Completion of Siteman's fifth facility in the St. Louis area is planned for December 2019. The \$26.3 million project will be located at Northwest Healthcare, 1225 Graham Road in Florissant. Siteman is currently offering cancer care on the Christian Hospital campus until the new facility is complete. More details can be found [here](#).

• **New Washington University Heart Failure Center Opens at Missouri Baptist Medical Center**

The Washington University Advanced Heart Failure Program has established a heart failure center at Missouri Baptist Medical Center (MBMC). The center, directed by Gregory Ewald, MD, began seeing patients in January, 2019. The Washington University team provides inpatient and outpatient consultative care to heart failure patients at MBMC including consideration for advanced heart failure therapies such as mechanical assist devices and cardiac transplantation.

• **Washington University Geriatric Primary Care and Weight Management Clinic now open at Covenant Place Senior Community**

The clinic, partially funded by a 1.8 million dollar grant from the Missouri Foundation for Health, is currently open at Covenant Place, a residential facility for older independent living adults located in Creve Coeur. [Timothy Holden, MD](#) and Loretia Daniels, ANP are the clinic providers. The clinic was featured in a [January, 2019](#) issue of the *St. Louis Jewish Light*.

• **Nephrology Expands Services with New North County Dialysis Center**

The new facility, open since January, 2018, contains 16 in-center hemodialysis stations as well as room for home hemodialysis and peritoneal dialysis training and support. Due to high demand, the unit is now opening a second shift and an inpatient service has been added at Christian Hospital Northeast since many of the center's patients are admitted there.

Education News

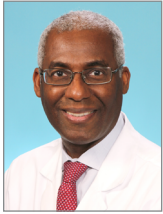


- The [School of Medicine](#) recently announced it will provide \$100 million in scholarship funding over the next decade allowing as many as half of its future medical students to attend tuition-free and many others with partial tuition support.
- The Department of Medicine is pleased to announce new fellowships that have been added to the following divisions/institutes: [Bone Health](#), [Informatics](#) and [Palliative Medicine](#).
- [500 Women in Medicine](#), a new initiative aimed at supporting equal advancement in the medical profession was started by School of Medicine students Kate Gerull, Jane Hayes, Iris Kuo, Maren Loe and Tamara Sanchez-Ortiz. Their faculty advisor is Victoria J. Fraser, MD, Adolphus Busch Professor of Medicine and Chair of Medicine.
- The Clinical Research Training Center (CRTC) just released a new marketing video featuring an overview of all of the clinical and research training available at Washington University. As the education core of the Institute of Clinical and Translational Sciences (ICTS), the CRTC provides clinical and translational research training for undergraduate, graduate, predoctoral students, postdoctoral scholars, fellows, staff and faculty. Watch the video [here](#). To learn more about the CRTC, visit crtc.wustl.edu.



Faculty and Students at the Internal Medicine Scholars Symposium held May 15, 2019.

Faculty Updates



Melvin Blanchard, MD: Promoted to Vice Chair for Education in the Department of Medicine.



Dominique Cosco, MD: Named interim Program Director for the Internal Medicine Residency Program.



Amber Deptola, MD: Named the inaugural Ambulatory Associate Program Director.



Greg Ewald, MD: Serving as the acting Division Chief for Cardiology effective May 1st.



Peggy Kendall, MD: Named the new Chief of the Division of Allergy and Immunology effective August 1, 2019. Dr. Kendall joins us from Vanderbilt University School of Medicine in Nashville, TN where she was Associate Professor of Medicine and Pathology, Microbiology and Immunology.



Jennifer Philips, MD, PhD: Named Co-Director of the Division of Infectious Diseases.



Patrick White, MD: Named Director of the newly formed Division of Palliative Medicine.

Awards/Grants/Etc.



Megan Baldrige, MD, PhD was awarded a \$2.4 million NIAID grant for research on microbiota-dependent regulation of primitive hematopoiesis.



Nancy Bartlett, MD received the BJH Medical Staff Association Lifetime Achievement Award.



Rakhee Bhayani, MD was honored by the Washington University Medical Center Alumni Association's Executive Council as an outstanding alumni namesake for a four-year, full-tuition scholarship. The Association selects four outstanding alumni to honor as namesakes each year.



Rita Brookheart, PhD was funded with a K01 award from the National Heart Lung and Blood Institute (NHLBI) – National Institutes of Health for her study, "Site-1 Protease in the regulation of skeletal muscle metabolism and exercise endurance."



Philip Budge, MD, PhD will receive a 2019 Clinical Scientist Development Award (CSDA) from the Doris Duke Charitable Foundation to support the work described in his proposal, "Cross-reactive antigenemia and treatment-related adverse events in loiasis."



Amanda Cashen, MD was named executive chair of the WU Institutional Review Board.



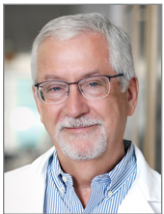
Maggie Chen, MD, PhD was a recipient of a PRMRP Investigator-Initiated Research Award from the Department of Defense to study the treatment of Focal Segmental Glomerulosclerosis (FSGS).

Awards/Grants/Etc. cont.

James M. DuBois, DSc, PhD was awarded with his co-authors, the ABIM Foundation's 2019 John A. Benson Jr., MD Professionalism Prize for their article, "The Professionalism and Integrity in Research Program: Description and Preliminary Outcomes," in *Academic Medicine*. The annual prize celebrates outstanding contributions to the field of medical professionalism.



Michael Durkin, MD, MPH recently published a study in JAMA Network Open that found the proportion of prescriptions written by U.S. dentists was 37 times greater than those written by English dentists. The study was referenced in a recent issue of the [Agency for Healthcare Research and Quality \(AHRQ\) newsletter](#).



Timothy J. Ley, MD was elected to the National Academy of Sciences. Election to the academy is considered one of the highest honors that can be awarded to a U.S. scientist or engineer.



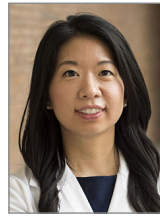
Lenise Cummings-Vaughn, MD was honored with the 2019 Alene and Meyer Kopolow Award for Excellence in Service to Older Adults.



Michael S. Diamond, MD, PhD was honored with the [2019 Stanley J. Korsmeyer Award](#) for his contributions to understanding the molecular basis of disease caused by globally emerging RNA viruses such as the Zika, West Nile and chikungunya viruses.



Andrew Kau, MD, PhD received a 2019 Clinical Scientist Development Award (CSDA) from the Doris Duke Charitable Foundation to support the work described in his proposal, "Role of Anti-FimH antibodies in modulating Uropathogenic E. coli gut colonization and urinary tract infection."



Jennie Kwon, DO, MSCI was appointed to the NAM Health Policy Fellowship and Leadership Programs Advisory Committee.



Caline Mattar, MD has been named chair of the Expert Advisory Group for the Global Antimicrobial Resistance Research and Development (AMR R&D) hub based in Germany.



William McCoy, MD received the KL2 Outstanding Citizenship Award, CRTC recognition.



Margaret Olsen, PhD received the Mentor of the Year Award and Outstanding Course Director, CRTC recognition.



Rupa Patel, MD, MPH, DTM&H was one of seven members of the Washington University in St. Louis community honored for their contributions to the St. Louis region at the [Gerry and Bob Virgil Ethic of Service Award ceremony](#) on April 17.

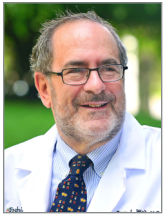


Jennifer Philips, MD, PhD was made a member of the Host Interactions with Bacterial Pathogens (HIBP) Study Section.



Justin Sadhu, MD, MDHS, FACC was selected as the Carol B. and Jerome T. Loeb Teaching Fellow for 2019-2021 for his application to create and implement a curriculum on development of an integrated and expanded EKG.

Awards/Grants/Etc. cont.



Gary Weil, MD received a [five-year, \\$24.7 million grant](#) from the Bill & Melinda Gates Foundation for the DOLF NextGen project (research to support elimination of elephantiasis and river blindness).



Megan Wren, MD was selected by the graduating class of 2019 as the Full-Time Clinical Teacher of the Year.

Trainee Updates

Fellowship Match

Name	Institution	Specialty
Adamson, Samantha	Barnes-Jewish/Washington University	Endocrinology
Agboola, Kola	Mayo Clinic	Hematology/Oncology
Akhave, Neal	MD Anderson	Hematology/Oncology
Atibalentja, Danielle	Stanford University	Hematology/Oncology
Borson, Steve	University of Pittsburgh Medical Center	Hematology/Oncology
Chi, Stephen	Barnes-Jewish/Washington University	Pulmonary/Critical Care
Crees, Zach	Barnes-Jewish/Washington University	Hematology/Oncology
Ejem, Stacy	University of Alabama-Birmingham	Pulmonary/Critical Care
Fritz, Cassie	Barnes-Jewish/Washington University	Gastroenterology
Gruen, Judah	University of Pittsburgh Medical Center	Medical Education
Hensing, Whitney	Barnes-Jewish/Washington University	Hematology/Oncology
Hobbs, Paul	University of Colorado	Gastroenterology
Iglesia, Michael	Barnes-Jewish/Washington University	Hematology/Oncology
Inci, Errol	Emory University	Cardiology
King, Phillip	Barnes-Jewish/Washington University	Cardiology
Ma, Jimmy	University of Washington	Infectious Diseases
McClean, Richard	University of California, San Francisco	Gastroenterology
Mugisha, Ivan	University of Pittsburgh Medical Center	Cardiology
Okeagu, Eze	University of North Carolina	Cardiology
Park, Arick	Barnes-Jewish/Washington University	Cardiology
Perry, Andrew	University of Washington	Cardiology
Rengarajan, Arvind	Barnes-Jewish/Washington University	Gastroenterology
Russler-Germain, David	Barnes-Jewish/Washington University	Hematology/Oncology
Sninsky, Jared	University of North Carolina	Gastroenterology
Tukpah, Ann-Marcia	Brigham & Women's Hospital	Pulmonary/Critical Care
Vhymeister, Ross	Oregon Health & Science University	Gastroenterology
Vitta, Swaroop	University of Alabama-Birmingham	Gastroenterology
Wang, Wendy	Brigham & Women's Hospital	Cardiology

Trainee Updates cont.

Fellowship Match Percentage

Specialty	Number	Percentage
Hematology/Oncology	8	29%
Cardiology	7	25%
Gastroenterology	7	25%
Pulmonary/ Critical Care	3	11%
Endocrinology	1	4%
Infectious Diseases	1	4%
Medical Education	1	4%
Total	28	100%

2019 Fellows

Name	Residency	Specialty
Kalaidina, Elizaveta, MD	AMITA Saint Joseph Hospital, Chicago, IL	Allergy and Immunology
Mantravadi, Vasudha, MD	St. Louis Children's Hospital, Pediatrics, St. Louis, MO	Allergy and Immunology
Shaikh, Kashif, MBBS	University of Texas at Houston Health Science Center Medical School, Houston, TX	Allergy and Immunology
Cheng, Cheng, MD	Rush University Medical Center, Chicago, IL	Bone and Mineral Diseases
Evenson, Christopher, MD	Ohio State University, Columbus, OH	Cardiology
Gampa, Amulya, MD	University of Chicago, Chicago, IL	Cardiology
Garg, Ankit, MD	Hospital of the University of Pennsylvania, Philadelphia, PA	Cardiology
King, Phillip, MD	Barnes-Jewish Hospital at Washington University School of Medicine, St. Louis, MO	Cardiology
Mahmoud, Zainab, MD	University of Pennsylvania Health System, Philadelphia, PA	Cardiology
Park, Arick, MD	Barnes-Jewish Hospital at Washington University School of Medicine, St. Louis, MO	Cardiology
Rivera Maza, Manuel, MD	University of Miami, Coral Gables, FL	Cardiology
Rodriguez, Marion, MD	Icahn School of Medicine at Mount Sinai, New York, NY	Cardiology
Sullivan, Robert, MD	Duke University, Durham, NC	Cardiology
Schneider, Samantha, MD	Dermatology, Henry Ford Health System, Detroit, MI	Dermatology
Adamson, Samantha, MD, PhD	Barnes-Jewish Hospital, St. Louis, MO	Endocrinology
Han, Katrina, MD	University of Pittsburgh Medical Center, Pittsburgh, PA	Endocrinology

Trainee Updates cont.

2019 Fellows

Name	Residency	Specialty
Semenkovich, Nicholas, MD, PhD	Harvard-affiliated Brigham & Women's Hospital, Boston, MA	Endocrinology
Stitham, Jeremiah, MD, PhD	Yale-New Haven Medical Center, New Haven, CT and Yale-Waterbury Hospital, Waterbury CT	Endocrinology
Abushamma, Suha, MBBS	Cleveland Clinic Foundation, Cleveland, OH	Gastroenterology
Ihumayyd, Badr, MBBS	Dalhousie University, Halifax, Nova Scotia, Canada	Gastroenterology
Cao, Siyan, MD, PhD	Columbia University Vagelos College of Physicians and Surgeons, New York, NY	Gastroenterology
Daniel, Michael, MD	Johns Hopkins University School of Medicine, Baltimore, MD	Gastroenterology
Fritz, Cassandra, MD	University of Chicago Pritzker School of Medicine, Chicago, IL	Gastroenterology
Rengarajan, Arvind, MD	Washington University in St. Louis, School of Medicine, St. Louis, MO	Gastroenterology
Siraj, Roohi, MD	Bronx Care Hospital Center, Bronx, NY	Geriatrics and Nutritional Sciences
Vellanki, Sruthi, MBBS	St. Joseph Mercy Oakland Hospital, Pontiac, MI	Geriatrics and Nutritional Sciences
Bansal, Dhruv, MD, MBA	University of New Mexico, Albuquerque, NM	Hematology/Oncology
Crees, Zachary, MD	Barnes-Jewish Hospital, St. Louis, MO	Hematology/Oncology
Hensing, Whitney, MD, MS	Barnes-Jewish Hospital, St. Louis, MO	Hematology/Oncology
Iglesia, Michael, MD, PhD	Barnes-Jewish Hospital, St. Louis, MO	Hematology/Oncology
Russler-Germain, David, MD, PhD	Barnes-Jewish Hospital, St. Louis, MO	Hematology/Oncology
Xi, Jing, MD, MPH	St. Luke's Hospital, Chesterfield, MO	Hematology/Oncology
Zhou, Alice, MD, PhD	Vanderbilt University, Nashville, TN	Hematology/Oncology
Chavez Concha, Miguel, MD, MSc	University of Texas Medical Branch Hospitals Program, Galveston, TX	Infectious Diseases
Cherabie, Joseph, MD	University of Kansas School of Medicine, Wichita, KS	Infectious Diseases
Mazi, Patrick, MD	Medical College of Wisconsin Affiliated Hospitals, Inc., Milwaukee, WI	Infectious Diseases
Nolan, Nathaniel, MD	University of Missouri-Columbia School of Medicine, Columbia, MO	Infectious Diseases
Rutjanawech, Sasinuch, MD	None	Infectious Diseases
Matzumura Umemoto, Gonzalo, MD	McGovern Medical School at the University of Texas Health Science Center, Houston, TX	Nephrology
Meier, Maggie, MD	St. Luke's Hospital, St. Louis, MO	Nephrology

Trainee Updates cont.

2019 Fellows

Name	Residency	Specialty
Muhammad, Mustafa, MD	Greater Baltimore Medical Center, Towson, MD	Nephrology
Osondu, Blessing, MD	AtlantiCare Regional Medical Center, Atlantic City, NJ	Nephrology
Shaikh, Sana, MD	SSM St. Mary's Hospital in St. Louis, Richmond Heights, MO	Nephrology
Everett, Elyse, MD	Barnes Jewish Hospital, St. Louis, MO	Palliative Medicine
Varney, Jacob, MD	Southern Illinois University School of Medicine, Springfield, IL	Palliative Medicine
Yaklin, Clay, MD	Children's Mercy Hospital, Kansas City, MO	Palliative Medicine
Chi, Stephen, MD	Washington University in St. Louis, School of Medicine, St. Louis, MO	Pulmonary/Critical Care
Klemisch, Robert, MD	Denver Health, Denver, CO	Pulmonary/Critical Care
Mok, Hiram, MD	University of Michigan, Ann Arbor, MI	Pulmonary/Critical Care
Moulton, Nathaniel, MD	Duke University Medical Center, Durham, NC	Pulmonary/Critical Care
Roth, Andrew, MD	Emory University School of Medicine, Atlanta, GA	Pulmonary/Critical Care
Thorndike, Jonathan, MD	Rhode Island Hospital, Providence, RI	Pulmonary/Critical Care
Anderson, Eric, MD	University of Colorado School of Medicine, Aurora, CO	Rheumatology
Ramirez-Gomez, Andrea, MD	Saint Louis University, St. Louis, MO	Rheumatology
Saligrama, Phan, MD, PhD	University of Arizona/Banner University Medical Center, Tucson, AZ	Rheumatology

Division of Medical Education Chief Residents (FY 19-20)



Shakthi Bhaskar
North Campus – Firm E



Adam Lick
South Campus – Firm A



Aisling Doyle
6 Months - StL VA
6 Months – South Campus – Firm C



Brandt Lydon
6 Months – South Campus – Firm C
6 Months – StL VA

Trainee Updates cont.

Division of Medical Education Chief Residents (FY 19-20)



Peter McDonnell
Ambulatory Medicine Clinic Chief



Ryan Patterson
South Campus – Firm B

Internal Medicine Categorical Interns

Ahmed, Mohammed	Hernandez, Luis	O'Fee, Kevin
Bekele, Nathan	Huang, Jennifer	Patel, Tej
Bonnin, David	Hurtte, Edward	Patel, Kieran
Brown, Frederick	Jones, Andrew	Ross, Jason
Burgess, Lucia	Jones, Kai	Scott, Mary
Chang, ZeNan	Joolharzadeh, Pouya	Shah, Janaki (Patel)
Chen, Howard	Klaassen, Doriann	Shaikh, Preet
Choi, Jeffrey	Knapp, Brendan	Shim, Kevin
Clark, Abbye	Kratschmer, Christina	Socias, Stephanie
Elizondo, Daniel	Lakhani, Fatima	Tarnawsky, Stefan
Gandesbery, Benjamin	Liu, Lawrence	Theodoropoulos, Panayotis
Garza, Kevin	Lococo, Sarah	Van Besian, Richard
Godbole, Sonia	Luderer, Micah	Weg, Madison
Graves, Jonah	Motowski, Hayley	Wiesehan, Rebecca
Hansalia, Vivek	Newman, Joshua	Zaretsky, Jesse
Hengehold, Tricia	Nguyen, Felix	

Dermatology Interns

Aria, Alexander	Erickson, Stephen	Jasmine, Sion Ward
Briscoe, Cris	Hickman, Alexandra	Yokoyama, Christine

Neurology, Preliminary & Ophthalmology Interns

Blecher, Nathaniel	Lin, Amy	Sarma, Arup
Butler, Michael	Lyerla, Rachel	Shah, Aaditya
De Carvalho Paixao, Luis	Overmann, Christina	Vaquar, Ana Del Carmen - Alicia
Everett, William	Padalia, Arjun	Varnado, Nicole
Friedman, Daniel	Patel, Swapneel	Wang, Cynthia
Khandelwal, Sunaina	Qiao, Min	Wehner, Gregory
Kiser, Kelly	Rudman, Michelle	Xiao, Wendy

Trainee Updates cont.

Primary Care Interns

Chen, Michael	Junell, Allison	Tochtrop, Samuel
Cohen, Rachel	Koenig, Nicholas	

OUTMed at St. Louis PrideFest

[OUTmed](#), an organization for LGBTQIA-identified faculty, staff, trainees and allies at the School of Medicine, participated in St. Louis' PrideFest and Parade on June 30. OUTmed, a forum based in the Department of Medicine, is open to anyone in the School of Medicine interested in OUTmed activities, regardless of departmental affiliation. This was OUTmed's third year as an Equality level corporate partner of PrideFest St. Louis.

[Check out the video of OUTmed at St. Louis PrideFest.](#)



Giving

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[DOM Giving](#)

Contact the DOM Insider

Please contact us with questions, ideas and suggestions!

The DOM Insider:

DOM.media@wustl.edu