



**Weill Cornell**  
**Medicine**

**October 2021**

# **Infectious Diseases**

## **Division Newsletter**

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# Awards and Honors



Congratulations to the following I.D. staff for being selected as SUPER STAR Performers in the Department of Medicine's Results, Rewards and Recognition Program:

## **Lori Di Toro**

Senior Medical Secretary

A Super Bronze Star (Second time!)



## **Elizabeth Connolly**

Administrative Supervisor

A Super Star



The Star Performer Program recognizes:

- Service that is consistently exceptional,
- Thoughtful, considerate treatment of others,
- Actions that demonstrate extraordinary dedication and
- Role models of excellence

Feel free to nominate an employee who exhibits STAR qualities here: ([Link](#))



# Appointments and Transitions



**Candace Alleyne** joined the I.D. Division on October 26<sup>th</sup> as a Research Nurse Specialist, in the Transplant-Oncology I.D. Clinical Research Unit.



**Courtney Friday** joined the I.D. Division on October 18<sup>th</sup> as a Research Tech, in the Ndhlovu Lab.



## Grants



Congratulations to **Teresa Evering**, who successfully competed for a R21 grant entitled: “A Precision Medicine Approach to Investigating the Molecular Impact of Age and Neurocognitive Impairment in People Living with HIV (PLWH)”.



Congratulations to **Brad Jones** on successfully competing as Principal Investigator of REACH (Research Enterprise to Advance a Cure for HIV) Collaboratory: \$28.5 million NIH-funded Grant. ([Link](#))



Congratulations to **Lishomwa Ndhlovu** on successfully competing as Co-Principal Investigator of HOPE (HIV Obstruction by Programmed Epigenetics) Collaboratory. ([Link](#))





## Other News

Congratulations to our ***Infectious Diseases Fellows Cup Team!***

Our team came in 5<sup>th</sup> this year.

Our team members were:

**Evan Cooper**

**Eli Finkelsztein**

**Carrie Johnston**

**Kate Stoeckle**

**Heidi Torres**



## Final Team Rankings

(2)



National Centre for  
Infectious Diseases

(1)  **Stanford**  
MEDICINE

(3)



Team Formerly  
Known as UCLA

(4)

**UCLA**

(8)

 **UNIVERSITY OF  
CALGARY**

(12)

**UC DAVIS  
HEALTH**

(5)



**Weill Cornell  
Medicine**

(9)

**UT Southwestern**

(13)



**Baylor Scott & White  
HEALTH**

(6)



**Walter Reed  
Infectious Diseases**

(10)

**M** **University of  
Michigan**

(14)



**Broad Based & Budding  
(At large team)**

(7)

**Université  
de Montréal**

(11)



**Sheba  
Medical Center**

(15)



 @IDFellowsCup



## Other News



**Teresa Evering** presented at the COVID-19 Prevention Network (CoVPN), where she gave a talk entitled: “ACTIV-2 Trial Overview and Safety and Efficacy of Combination SARS-CoV-2 Monoclonal Neutralizing Antibodies (mAb) BR11-196 and BR11-198 in Non-Hospitalized COVID-19 Patients”.



**Carrie Johnston** presented at the New Jersey HIV Planning Group (NJHPG) Second Annual Aging with HIV Conference. Her presentation was entitled: [“Aging with HIV: Is this Aging or HIV?”](#)



## Other News



**Lishomwa Ndhlovu** presented the following at different virtual events:

On October 7<sup>th</sup>: “Advancing HIV Health through Epigenetic studies in Aging and Alzheimer’s Disease (AHEAD)”.

On October 13<sup>th</sup>: “Myeloid HIV reservoirs: from establishment to aberrant cognitive trajectories”. ([Link](#))

On October 21<sup>st</sup>: “Biotypes of Central Nervous System (CNS) Complications in People Living with HIV (PWH). ([Link](#))



**Harjot Singh** was selected to participate as an item-writer for the Infectious Diseases Society of America (IDSA) Fellows’ In-Training Exam.



## Other News



### There were numerous poster presentations at the IDWeek 2021 Conference to note:

- 239 – Poster Session: Bone and Joint. Mironenko, ..., **Henry, Goodman, Miller**. Sex Differences in Prosthetic Joint Infection
- 316 – Poster Session: COVID-19 Complications, Co-Infections, and Clinical Outcomes. **Malik**, et al. Use of (1->3)-B-D-Glucan Assay for Diagnosis of Candidemia in Patients Hospitalized with SARS-CoV-2 Infection
- 355 – Poster Session: COVID-19 Diagnostics. Wells, ..., **Connor, Mason**, et al. A Novel Likelihood-Based Model to Estimate SARS-CoV-2 Viral Titer from Next-Generation Sequencing Data
- 368 – Poster Session: COVID-19 Diagnostics. Antaki, Cuoto-Rodriguez, Liu, ..., **Connor, Mason**, et al. Performance Characteristics of Sequencing Assays for Identification of the SARS-CoV-2 Viral Genome
- 911 – Poster Session: Hepatitis. Eckhardt, **Kapadia, Smith**, ..., **Marks**. Rapid Hepatitis C Treatment Initiation in Young People Who Inject Drugs: Final Results from the HCV-Seek, Test & Rapid Treatment (HCV-ST&RT) Randomized Pilot Clinical Trial
- 917 – Poster Session: Hepatitis. Eckhardt, ..., **Kapadia, Smith**, ..., **Marks**. Accessible HCV Care for People who Inject Drugs: Randomized Clinical Trial Comparing Low-Threshold Treatment at a Syringe Service Program versus Facilitated Referral
- 932 – Poster Session: Infections in Immunocompromised Individuals. **Rogers, Kirkman, Simon, Westblade**. Clinical Characteristics of Persistent and Relapsing Babesiosis at an Academic Medical Center in New York City, 2015-2020.
- 958 – Poster Session: Infectious Diseases Medical Education. **Gottesdiener, Stoeckle, Loo, Mazur, Gudi, Marks, Simon**. A Required Infectious Diseases Rotation Improves Antimicrobial Stewardship Knowledge for Internal Medicine Interns
- 992 – Poster Session: Medical Mycology. Vazquez, ..., **Walsh**, et al. Oral Ibrexafungerp Outcomes in Patients with Oropharyngeal and Esophageal Candidiasis from an Interim Analysis of a Phase 3 Open-label Study (FURI)





## Other News



### Continued:

- 1065 – Poster Session: Novel Agents. **Petratis, Petraitiene, Kavaliauskas, Naing, Garcia, ..., Walsh**. Efficacy of Cefiderocol in Experimental *Stenotrophomonas maltophilia* Pneumonia in Persistently Neutropenic Rabbits
- 1256 – Poster Session: Resistance Mechanisms. **Satlin**, et al. Clinical Response by Minimum Inhibitory Concentrations in Carbapenem-Resistant *Pseudomonas aeruginosa* Infections under Cefiderocol Compassionate Use Program
- 1431 – Poster Session: UTIs. **Arar, Reyna, Glesby, Choi**. Evaluating Physician Decision Making in Inpatient Antibiotic Prescription for Suspected Urinary Tract Infection

### The following oral abstract was presented during the IDWeek 2021 Conference:

- 105 – **Choi, Westblade, Gottesdiener, ..., Glesby, Simon**. Impact of a Multiplex PCR Panel on Duration of Empiric Antibiotic Therapy in Suspected Bacterial Meningitis
- **Mirella Salvatore** served in the IDWeek Visiting Professor Program.



## Other News



### The following oral presentations were given:

#### Tuesday 9/28

- 4-5 pm: **Mathad** (Speaker). Fellows' Day Workshop: Careers in Global Health

#### Wednesday 9/29

- 2:30-3:45 pm: Edwards, **Gulick**, Hayden (Moderator). CTS-05: Chasing the Sun: COVID-19 diagnosis, management, and vaccination: A clinical update.

#### Thursday 9/30

- 12:30-1:45 pm: **Marks** (Speaker). 25 – Symposium: HBV treatment in people with HIV: back to the basics. Lecture: HBV Prevention: From Vaccines to PREP.
- 5:30-5:45 pm: **Evering**, et al (Abstract Presenter). Late Breaker Abstracts: COVID-19 Treatment & Prophylaxis. LB2 – Safety and Efficacy of Combination SARS-CoV-2 Monoclonal Neutralizing Antibodies (mAb) BR11-196 and BR11-198 in Non-Hospitalized COVID-19 Patients.

#### Friday 10/1

- 10-11:15 am: **Calfee** (Speaker). 72 – Symposium: Influential Publications in Healthcare Epidemiology 2021. Lecture: Influential Publications in Infection Prevention from the Past Year.

#### Saturday 10/2

- 10-11:15 am: **Vielemeyer** (Speaker). 118 – Meet-the-Professor: Clinical Pearls in Outpatient ID Practice: Field Notes From the Frontlines.



## Newsroom Updates



**Grant Ellsworth and Trip Gulick** were featured in the following article: [The WCM Newsroom](#): “Take Your Medicine: Can a ‘Smart’ Pill Bottle Help Combat HIV?”



**Marshall Glesby** was featured in the following WCM Newsroom article: “Large Study Finds Convalescent Plasma Doesn’t Help Seriously Ill COVID-19 Patients”. ([Link](#))



**Trip Gulick** was featured in the following article: “5 Things You Need to Know About the Delta Variant, According to Doctors”. ([Link](#))



# Divisional Publications

- Bégin P, Callum J, Jamula E, Cook R, Heddle NM, Tinmouth A, Zeller MP, Beaudoin-Bussi res G, Amorim L, Bazin R, Loftsgard KC, Carl R, Chass  M, Cushing MM, Daneman N, Devine DV, Dumaresq J, Fergusson DA, Gabe C, **Glesby MJ**, Li N, Liu Y, McGeer A, Robitaille N, Sachais BS, Scales DC, Schwartz L, Shehata N, Turgeon AF, Wood H, Zarychanski R, Finzi A; CONCOR-1 Study Group, Arnold DM. Convalescent plasma for hospitalized patients with COVID-19: an open-label, randomized controlled trial. *Nat Med*. 2021 Sep 9. doi: 10.1038/s41591-021-01488-2. Epub ahead of print. [PMID: 34504336](#).
- Brown T, Yuhas K, Mayer K, Landovitz R, Marzinke MA, Hendrix C, Chen Y, Klingman K, Chege W, McCauley M, **Gulick RM, Wilkin T**. Bone Changes with Candidate PrEP regimens containing Tenofovir Disoproxil Fumarate and/or Maraviroc and/or Emtricitabine in U.S. Men and Women: HPTN 069/ACTG A5305. *J Antimicrob Chemother* 2021.
- **Butt AA**, Omer SB, Yan P, Shaikh OS, Mayr FB. SARS-CoV-2 Vaccine Effectiveness in a High-Risk National Population in a Real-World Setting. *Ann Intern Med*. 2021 Oct;174(10):1404-1408. doi: 10.7326/M21-1577. Epub 2021 Jul 20. PMID: 34280332; [PMCID: PMC8381771](#).
- Choi JJ, **Westblade LF**, Gottesdiener LS, Liang K, Li HA, Wehmeyer GT, **Glesby MJ, Simon MS**. Impact of a Multiplex Polymerase Chain Reaction Panel on Duration of Empiric Antibiotic Therapy in Suspected Bacterial Meningitis. *Open Forum Infect Dis*. 2021 Sep 30;8(10):ofab467. doi: 10.1093/ofid/ofab467. PMID: 34646911; [PMCID: PMC8500300](#).
- **Corley MJ**, Pang APS, Rasmussen TA, Tolstrup M, S gaard OS, **Ndhlovu LC**. Candidate host epigenetic marks predictive for HIV reservoir size, responsiveness to latency reversal, and viral rebound. *AIDS*. 2021 Sep 2. doi: 10.1097/QAD.0000000000003065. Epub ahead of print. [PMID: 34482353](#).
- **Corley MJ**, Sacdalan C, Pang APS, Chomchey N, Ratnaratn N, Valcour V, Kroon E, Cho KS, Belden AC, Colby D, Robb M, Hsu D, Spudich S, Paul R, Vasan S, **Ndhlovu LC**; SEARCH010/RV254 and SEARCH013/RV304 study groups. Abrupt and altered cell-type specific DNA methylation profiles in blood during acute HIV infection persists despite prompt initiation of ART. *PLoS Pathog*. 2021 Aug 13;17(8):e1009785. doi: 10.1371/journal.ppat.1009785. PMID: 34388205; [PMCID: PMC8386872](#).
- Curty G, Menezes AN, Brant AC, **de Mulder Rougvi  M**, Moreira M  M, Soares MA. Expression of Retroelements in Cervical Cancer and Their Interplay with HPV Infection and Host Gene Expression. *Cancers (Basel)*. 2021 Jul 14;13(14):3513. doi: 10.3390/cancers13143513. PMID: 34298727; [PMCID: PMC8306386](#).





## Divisional Publications

- Derry HM, Johnston CD, Brennan-Ing M, Karpiak S, Burchett CO, Zhu YS, Siegler EL, **Glesby MJ**. Childhood sexual abuse history amplifies the link between disease burden and inflammation among older adults with HIV. *Brain Behav Immun Health*. 2021 Aug 31;17:100342. doi: 10.1016/j.bbih.2021.100342. PMID: 34589822; [PMCID: PMC8474623](#).
- **Gulick RM, Glesby MJ**. Managing HIV Treatment Failure: Time to REVAMP? *Ann Intern Med*. 2021 Oct 26. doi: 10.7326/M21-3903. Epub ahead of print. [PMID: 34698505](#).
- Huey SL, Yu EA, Finkelstein JL, Brannon PM, **Glesby MJ**, Bonam W, Russell DG, Mehta S. Nutrition, Inflammation, and the Gut Microbiota among Outpatients with Active Tuberculosis Disease in India. *Am J Trop Med Hyg*. 2021 Oct 18:tpmd210310. doi: 10.4269/ajtmh.21-0310. Epub ahead of print. [PMID: 34662867](#).
- Johnston CD, Siegler EL, Rice MC, Derry HM, Hootman KC, Zhu YS, Burchett CO, Gupta SK, Choi ME, **Glesby MJ**. Urine Cell-Free Mitochondrial DNA as a Marker of Weight Loss and Body Composition in Older Adults With HIV. *J Acquir Immune Defic Syndr*. 2021 Nov 1;88(3):229-233. doi: 10.1097/QAI.0000000000002766. PMID: 34285158; [PMCID: PMC8526378](#).
- Kumari N, Nouraie SM, Ahmad A, Lassiter H, Khan JI, Diaz SF, Afangbedji N, Wang S, Houston PE, Ammosova T, **de Mulder Rougvie M**, Rana S, Nixon D, Anastos K, Lazar J, French A, Gange S, Adimora AA, Weitzmann MN, Fischl MA, Kempf MC, Kassaye S, Taylor JG, Nekhai S. Restriction of HIV-1 Infection in Sickle Cell Trait. *Blood Adv*. 2021 Sep 8:bloodadvances.2021004247. doi: 10.1182/bloodadvances.2021004247. Epub ahead of print. [PMID: 34496009](#).
- Page B, Lago A, Silva JA, Schrieffer A, Lago J, Oliveira L, Guimarães LH, **Glesby M**, Carvalho EM. Influence of Intestinal Helminth Burden on Clinical Manifestations, Therapeutic Response, and *Leishmania braziliensis* Load in Patients with New World Cutaneous Leishmaniasis. *Am J Trop Med Hyg*. 2021 Aug 16:tpmd201664. doi: 10.4269/ajtmh.20-1664. Epub ahead of print. [PMID: 34398812](#).



# Divisional Publications

- Rathnasinghe R, **Salvatore M**, Zheng H, Jangra S, Kehrer T, Mena I, Schotsaert M, Muster T, Palese P, García-Sastre A. Prophylactic protection against respiratory viruses conferred by a prototype live attenuated influenza virus vaccine. bioRxiv [Preprint]. 2021 Apr 28:2021.04.28.441797. doi: 10.1101/2021.04.28.441797. PMID: 33948589; [PMCID: PMC8095196](#).
- Tobin JN, Hower S, D'Orazio BM, Pardos de la Gándara M, **Evering TH**, Khalida C, Ramachandran J, González LJ, Kost RG, Vasquez KS, de Lencastre H, Tomasz A, Collier BS, Vaughan R. Comparative Effectiveness Study of Home-Based Interventions to Prevent CA-MRSA Infection Recurrence. Antibiotics (Basel). 2021 Sep 13;10(9):1105. doi: 10.3390/antibiotics10091105. PMID: 34572687; [PMCID: PMC8465828](#).



# Important Dates



**Sixth Annual Department of Medicine Research Retreat**  
8:30AM – 5:00PM

Zoom Link:

<https://weillcornell.zoom.us/join/tJAsf-qsqT4iEtfP62rFFk8hgbt2PcVcXyEb>



**Next Faculty Meeting**

8:30AM – 9:30AM



**Thanksgiving Holiday**

