



**Weill Cornell**  
**Medicine**

**October 2022**

# **Infectious Diseases**

## **Division Newsletter**

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# Awards and Honors

Congratulations to our ***Infectious Diseases Fellows Cup Team!***  
Our team came in 4th place internationally this year.

Our team members were:

**Lee Gottesdiener**

**Wesley Rogers**

**Alexander Stabell**

**Kate Stoeckle**



Congratulations to **Jennifer Downs**, who received an Endowed Chair as the Ehrenkranz Family / Orli R. Etingin M.D. Associate Professor in Women's Health, beginning November 1, 2022.



## Awards and Honors



Patient compliment for  
**Tanya Ellman:**

"Dr. Ellman is terrific! She's so easy to communicate with and is caring and concerned. Her knowledge has literally saved my life and significantly improved my overall health. Dr. Ellman is a heaven-sent angel, and I consider her to be my guardian angel."



## Awards and Honors



Congratulations to **Samuel Merrick**, who was recognized by CHEERS FOR PEERS, a peer recognition program, for being a compassionate individual and brightening up the workplace.

Here is what a  
colleague wrote:

“Dr. Merrick consistently advocates for and creates access to an ongoing educational and reflective anti-racism zoom meeting in CSS that not only helps us to do better ourselves but encourages us all to do better with each other and our patients by recognizing and addressing systemic racism in our communities and ourselves. It feels like a unique opportunity in ambulatory care and hews to the mission of CSS.”



## Awards and Honors



Congratulations to **Harjot Singh**, who was recognized by CHEERS FOR PEERS, a peer recognition program, for being a compassionate individual and brightening up the workplace.

Here is what a  
colleague wrote:

“Harjot is an amazing colleague. Incredibly hard working, generous with her time, an accomplished teacher and an enviable work ethic. But more importantly she is always smiling, upbeat and ready to jump in when needed! She’s a true star!”



# Awards and Honors

Among NYP Ambulatory Care Units, congratulations to our Chelsea CSS team on scoring above the Consumer Assessment of Health Plan Services survey targets.

Our CAHPS (Consumer Assessment of Health Plan Services) survey targets were the following:

Provider explained things in a way that you could understand.

Target is: **95.8**

Registrars/Clerks treat you with courtesy and respect.

Target is: **91.4**

## Top Performance

### Physician Quality Indicator

Center on Aging 96.6

Chelsea 96.4

S4 Cardio 96.0



### Office Staff Indicator

Center on Aging 94.5

Chelsea 94.3

WCIMA/ PH 93.8



### Care Coordination Indicator

Endo 81.8

WCIMA/PH 78.9

WCIMA/HT4 70.0



# Appointments and Transitions



Congratulations to **Noemi Linden**, a 3<sup>rd</sup> year PhD student in Brad Jones' laboratory – who took home the best poster prize at the annual Immunology and Microbial Pathogenesis Graduate program retreat. Her Poster title: “CD8+ T-cell mediated selection enriches for HIV integration site features and expanded clones in vitro”.



Congratulations to **Kristen Marks**, who was elected to serve as Investigator At-Large on the Scientific Agenda Steering Committee (SASC) of the AIDS Clinical Trials Group for a term beginning December 1, 2022 through November 30, 2024.



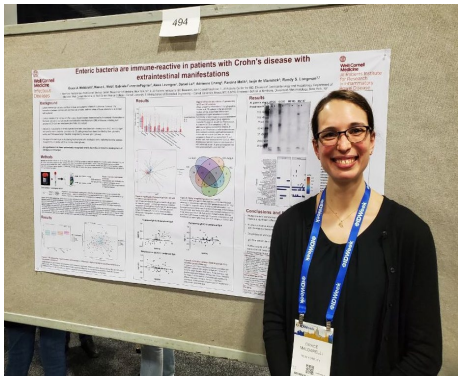




## Other News



There were numerous poster presentations at the IDWeek 2022 Conference to note:



- 494: **Maldarelli** (Presenting author), Longman (Co-author): Enteric bacteria are immune-reactive in patients with Chron's disease and extraintestinal manifestations.
- 652: **Satlin** (Co-author): Ceftazidime-avibactam alone or as combination therapy? Multicenter retrospective cohort analysis of clinical outcomes in patients with carbapenem-resistant Gram-negative infection.
- 892: **Mazur, Kodiyanplakkal** (Co-authors): Clinical Impact of Early Antifungal De-escalation ( $\leq 2$  days) based on Rapid Species Identification in Patients with Azole-susceptible Candidemia.

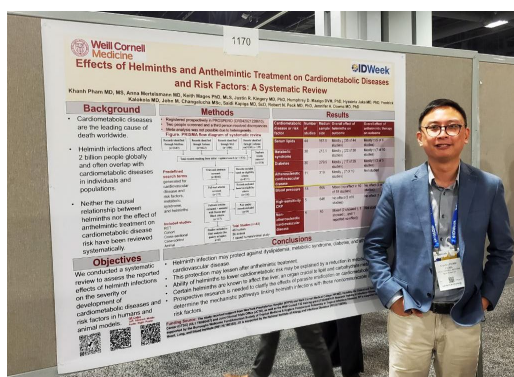




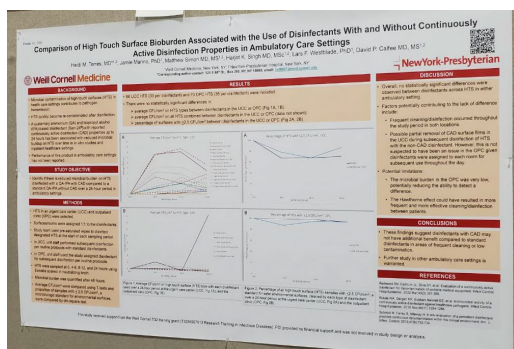
# Other News



## Continued:



- 1170: **Pham** (Presenting author), **Mertelsmann**, **Kingery**, **Downs**, **Peck** (Co-authors): Effects of Helminths and Anthelmintic Treatment on Cardiometabolic Diseases and Risk Factors: A Systematic Review.



- 1191: **Torres** (Presenting author), **Marino**, **Simon**, **Singh**, **Westblade**, **Calfee** (Co-authors): Comparison of High Touch Surface Bioburden Associated with the Use of Disinfectants With and Without Continuously Active Disinfection Properties in Ambulatory Care Settings.

- 1241: **Gispén** (Co-author): Hepatitis C Cascade of Care in a Multidisciplinary Substance use Bridge Clinic Model.
- 1344: **Dubois** (Presenting Author): Infectious Morbidity and Mortality of HIV-Exposed, Uninfected Infants Compared with HIV-Unexposed Uninfected Infants in Botswana.
- 1413: **Kapadia** (Co-author): Regional variation in substance use associated infectious endocarditis in New York State: 2000-2014.



## Other News



The following oral presentations were given:

### Tuesday 10/18

- 8-5:30pm: **Gulick** (Speaker). 202AB. Vincent T. Andriole ID Board Review Course.

### Wednesday 10/19

- 10:45am- 12pm: **Arias** (Speaker). 151 AB: PW04 – Fellows' Day Workshop: Careers in Research

### Thursday 10/20

- 8-9am: **Arias** (Moderator). 145 AB. Symposium. 18 – New Antimicrobials and ID Diagnostics in the Pipeline.
- 11:20-11:45am: **Caskey** (speaker): HIV State of the Art; HIV Cure Strategies





## Other News



### Oral presentations continued:

Thursday 10/20

- 12:15-12:45pm: **Butt** (Co-author). Hall BC – Area 1. Rapid Fire Presentation. 683 – Protection afforded by prior infection, vaccination, and hybrid immunity against symptomatic BA.1 and BA.2 omicron variants.
- 2:33pm – 2:45pm US ET: **Marks** (Co-author): Late Breaker LB749 - High HBsAb Seroprotection Achieved 4 Weeks after 3 doses of HepB-CpG Vaccine in People Living with HIV (PLWH) without Prior HBV Vaccination (ACTG A5379 Group B Preliminary Results)/Location: 209 ABC
- 3:15-4:30pm: **Ellsworth** (Speaker/Debater): 146 ABC. Symposium 84 – Squabbles Among Friends in HIV Cases: Anal Cancer Screening and Prevention/Pro/Con





## Other News



Oral presentations continued:



### Friday 10/21

- 1:45PM – 1:55PM: **McCarthy** (presenting author): Late Breaker LB1528 - Results from ACTIV-6: A Decentralized, Double-Blinded, Randomized, Placebo-Controlled Platform Trial of Repurposed Drugs for the Treatment of Mild-to-Moderate COVID-19/Location: 209 ABC
- 2:15PM – 2:25PM US ET: **McCarthy** (co-author): Late Breaker LB1531B - Administration of the TNF-alpha inhibitor, infliximab, reduces mortality in hospitalized patients with COVID pneumonia. Results of a randomized controlled trial/Location: 209ABC
- 2:30-2:45pm: **Arias** (Co-author). 206. Session: Endocarditis & BSI: 1521 – Non-faecium non-faecalis enterococcal bloodstream infections in patients with cancer.
- 2:45-3pm: **Arias** (Co-author). 204 ABC. Session: Updates in Diagnostics: 1543 – Validation of a nitrocefin-based rapid test for the detection of the cefazolin inoculum effect in pediatric patients with methicillin-susceptible *Staphylococcus aureus* acute osteomyelitis



## Other News



### Oral presentations continued:

#### Saturday 10/22

- 8-8:30am: **Calfee** (Speaker). 151 AB. 196 - Session: Sharing is Caring: 1604 - Publishing in Stewardship and Health Care Epidemiology.
- 10:30-11:45am: **Arias** (Speaker). 145 AB. 209 – Putting the Value of ID Into Practice: Case Vignette. Wrap Up and Q&A
- 3:15-4:30pm: **Satlin** (Speaker). 146 ABC. 263 – Knocking Out the Nonfermenters: Focus on Treatment Through Case Review
- 4-4:15pm: **Arias** (Co-author). 147 AB. Session: Basic Science: Correlates of Protection, Immune Response and the Host-Microbe Interaction. 2350 – LiaF is required for LiaX mediated protection against daptomycin and LL-37 in *Enterococcus faecalis* OG1RF.





## Other News



Here are some of the I.D. Division reception attendees with current faculty and past fellows:

**Eli Finklestein**

**Dan Morgan**

**Dan Shirley**



**Dr. Tony Fauci**



## Other News

Below is **Henry Masur**, MD, chief of Clinical Care Medicine at the NIH Clinical Center and former WC ID fellow (between Drs. Gulick and Hartman) Alumni of Weill Cornell, now at NIH. He visited for his Weill Cornell class reunion.



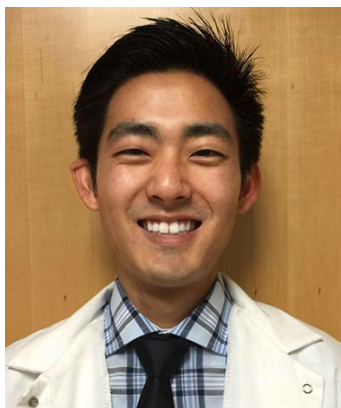




## Other News



**Lish Ndhlovu** presented at the Feil Family Brain and Mind Research Institute & Neuroscience Program Retreat, entitled: “Brain injury in people living with HIV: Discovering Vulnerabilities for Intervention”



**Stephen Yeung** from the Ndhlovu lab, gave an oral presentation at the Keystone Symposia on Molecular and Cellular Biology 2022, entitled: “Galectin-9 Protects Humanized-ACE2 Immunocompetent Mice from SARS-CoV-2 Infection”. ([Link](#))



## Other News

Our Transplant/Oncology ID Clinical Trials Unit team celebrated Halloween.





# Newsroom Updates



**Marshall Glesby** was featured in the following:

[AARP](#): “4 Things Older Adults Need to Know About RSV as Cases Surge”.

[PBS.ORG](#): “How a select few people have been cured of HIV”.

**Trip Gulick** was featured in the following:

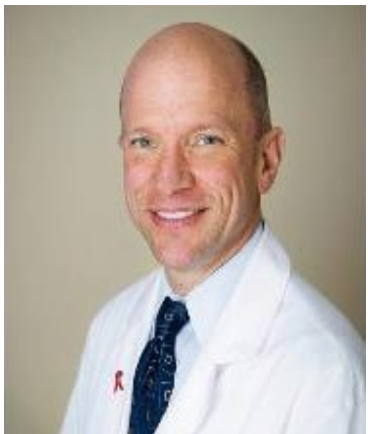
[ACPJOURNALS](#): “Monkeypox: Challenging Clinical Questions”.

[CNBC](#): “Here’s what might happen the second—or third—time you get Covid, experts say: ‘There’s no guarantee’”.

[CNBC](#): “How concerned should you be about Covid-19 ‘Scrabble’ variants? Here’s what we know so far”.

[NBCNEWYORK](#): “How Concerned Should You Be About Covid-19 ‘Scrabble’ Variants? Here's What We Know So Far”.

[NBC 5 Chicago](#): “Illinois Seeing ‘Uptick’ in COVID Cases, Health Department Says”.





## Newsroom Updates



**Kristen Marks** was featured in the following:

[HealthDay](#): “IDSA: Three-Dose Hepatitis B Vaccine Highly Protective In Persons With HIV”.



**Timothy Wilkin** was featured in the following:

[MiamiHerald](#): “Monkeypox response looks to long term”.

[Healio](#): “Clinical trial of antiviral for monkeypox goes forward as cases decline”.

[AMA-ASSN](#): “What physicians should know about using TPOXX to treat monkeypox”.



# Divisional Publications

- ❖ Bhatia S, **Johnston CD**, Derry-Vick H, Brennan-Ing M, Burchett CO, Siegler EL, **Glesby MJ**. Food Insecurity Is Associated with Key Functional Limitations and Depressive Symptoms in Older People Living with HIV. *AIDS Patient Care STDS*. 2022 Oct;36(10):375-378. doi: 10.1089/apc.2022.0118. Epub 2022 Oct 5. PMID: 36201225; [PMCID: PMC9595635](#).
- ❖ **Bowler S**, Papoutsoglou G, Karanikas A, Tsamardinos I, **Corley MJ**, **Ndhlovu LC**. A machine learning approach utilizing DNA methylation as an accurate classifier of COVID-19 disease severity. *Sci Rep*. 2022 Oct 19;12(1):17480. doi: 10.1038/s41598-022-22201-4. PMID: 36261477; [PMCID: PMC9580434](#).
- ❖ **Dopkins N**, **O'Mara MM**, Lawrence E, Fei T, Sandoval-Motta S, **Nixon DF**, **Bendall ML**. A field guide to endogenous retrovirus regulatory networks. *Mol Cell*. 2022 Oct 20;82(20):3763-3768. doi: 10.1016/j.molcel.2022.09.011. [PMID: 36270247](#).
- ❖ Kroll KW, Shah SV, Lucar OA, **Premeaux TA**, Shikuma CM, **Corley MJ**, Mosher M, Woolley G, **Bowler S**, **Ndhlovu LC**, Reeves RK. Mucosal-homing natural killer cells are associated with aging in persons living with HIV. *Cell Rep Med*. 2022 Oct 18;3(10):100773. doi: 10.1016/j.xcrm.2022.100773. Epub 2022 Oct 7. PMID: 36208628; [PMCID: PMC9589002](#).
- ❖ Li Y, Harrison LJ, Chew KW, Currier JS, Wohl DA, Daar ES, **Evering TH**, Wu R, Giganti M, Ritz J, Javan AC, Coombs R, Moser C, Hughes MD, Eron JJ, Smith DM, Li JZ. Nasal and Plasma SARS-CoV-2 RNA Levels are Associated with Timing of Symptom Resolution in the ACTIV-2 Trial of Non-hospitalized Adults with COVID-19. *Clin Infect Dis*. 2022 Oct 10:ciac818. doi: 10.1093/cid/ciac818. Epub ahead of print. [PMID: 36210483](#).







# Divisional Publications

- ❖ **MacQueen D**, Centellas F. Human Granulocytic Anaplasmosis. Infect Dis Clin North Am. 2022 Sep;36(3):639-654. doi: 10.1016/j.idc.2022.02.008. [PMID: 36116840](#).
- ❖ Naggie S, Boulware DR, Lindsell CJ, Stewart TG, Gentile N, Collins S, **McCarthy MW**, Jayaweera D, Castro M, Sulkowski M, McTigue K, Thicklin F, Felker GM, Ginde AA, Bramante CT, Slandzicki AJ, Gabriel A, Shah NS, Lenert LA, Dunsmore SE, Adam SJ, DeLong A, Hanna G, Remaly A, Wilder R, Wilson S, Shenkman E, Hernandez AF; Accelerating COVID-19 Therapeutic Interventions and Vaccines (ACTIV-6) Study Group and Investigators. Effect of Ivermectin vs Placebo on Time to Sustained Recovery in Outpatients With Mild to Moderate COVID-19: A Randomized Clinical Trial. JAMA. 2022 Oct 25;328(16):1595-1603. doi: 10.1001/jama.2022.18590. [PMID: 36269852](#).
- ❖ Paul R, Cho K, Bolzenius J, Sacdalan C, **Ndhlovu LC**, Trautmann L, Krebs S, Tipsuk S, Crowell TA, Suttichom D, Colby DJ, **Premeaux TA**, Phanuphak N, Chan P, Kroon E, Vasan S, Hsu D, Carrico A, Valcour V, Ananworanich J, Robb ML, Ake JA, Sriplienchan S, Spudich S; RV254/SEARCH 010 Study Team. Individual Differences in CD4/CD8 T-Cell Ratio Trajectories and Associated Risk Profiles Modeled From Acute HIV Infection. Psychosom Med. 2022 Oct 1;84(8):976-983. doi: 10.1097/PSY.0000000000001129. Epub 2022 Jul 6. PMID: 36162059; [PMCID: PMC9553252](#).
- ❖ Spence AB, Desale S, Lee J, Kumar P, Huang X, **Cooper SE**, Fernandez S, Kassaye SG. COVID-19 Outcomes in a US Cohort of Persons Living with HIV (PLWH). Reports. 2022; 5(4):41. <https://doi.org/10.3390/reports5040041>
- ❖ **Yeung ST**, **Premeaux TA**, Niki T, Pillai SK, Khanna KM, **Ndhlovu LC**. Galectin-9 protects humanized-ACE2 immunocompetent mice from SARS-CoV-2 infection. Front. Immunol., 17 October 2022 Sec. Viral Immunology. <https://doi.org/10.3389/fimmu.2022.1011185>





# Important Dates



Farewell celebration for  
**Paul Todd Smith**, in A-450  
5PM - 6PM



I.D. Faculty Meeting  
8:30AM to 9:30AM  
([Zoom Link](#))



IDSNY Intercity Rounds  
5:30PM - 7:30PM (via zoom)



Inter-Campus Symposium - Impacts of mosquitoes and vector-borne diseases on reproductive health, at the Belfer Research Building  
Featuring **Laura Kirkman**



**Thanksgiving Holiday**



2022 State of WCM Address  
Dean Augustine Choi  
Uris Auditorium  
[Zoom link](#)

