

FALL 2024

IDPittStop NEWSLETTER

UNIVERSITY OF PITTSBURGH, DEPARTMENT OF MEDICINE,
DIVISION OF INFECTIOUS DISEASES



Infectious Innovations

Autumn Insights from the ID Division

The IDPittStop Newsletter

Fall 2024 Issue

IDPittStop Newsletter is a digital publication produced bi-annually by the Center for Infectious Diseases Outreach (CIDO) to inform individuals on all topics related to ID while recognizing and showcasing our Division's multiple achievements in the field of Infectious Diseases.

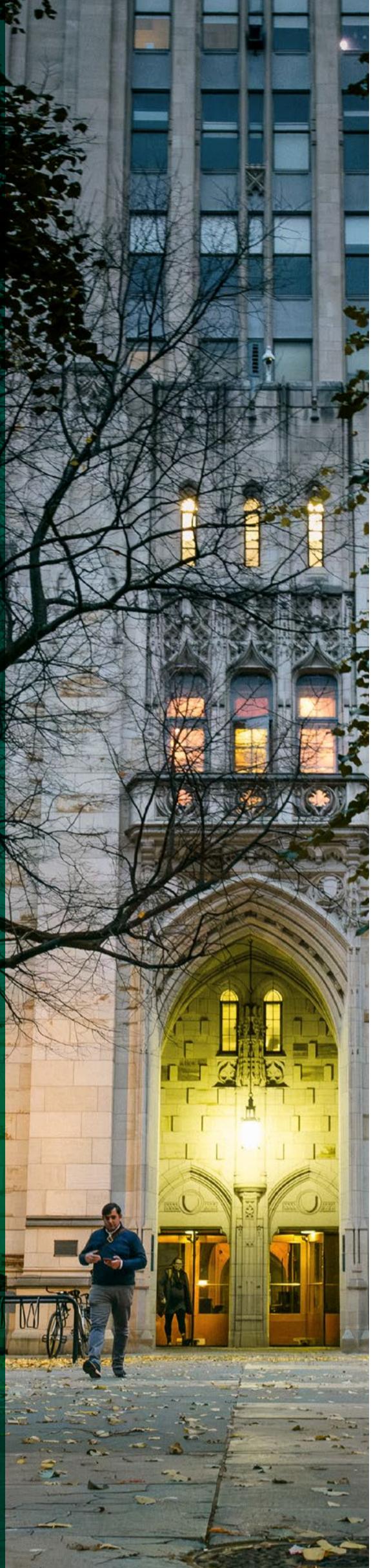
Do you have information you would like us to consider sharing?

Contact: Tony Morrison,
Digital Media Content Administrator
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Thank you!

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J. Alex Viehman, MD



The IDPittStop Newsletter

Fall 2024 Issue

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TURNING THE PAGE

-Welcoming ID Fellows and Honoring Graduates

Join us as we introduce our new ID fellows and celebrate the achievements of our recent graduates.

The University of Pittsburgh and UPMC held a memorable graduation ceremony for its 2024 Infectious Diseases Fellowship program. The event, which took place at the University Club on June 6th, was a joyous occasion filled with awards, laughter, and cherished memories as the ID Division honored its outstanding graduates.

This year's graduates, Ralph Kamel, MD; Mina Said, MBBCh; Spencer Schrank, DO; and Ghayur Saeed, MBBS, were recognized for their exceptional hard work and dedication. Each has shown a remarkable commitment to advancing the field of infectious diseases.

Drs. Ralph Kamel, Mina Said, Spencer Schrank, and Ghayur Saeed have demonstrated excellence during their fellowship. Their achievements during the

program highlight their potential to make significant contributions to the medical community.

The Infectious Diseases Division takes immense pride in these graduates and we extend our heartfelt congratulations. We are confident that they will continue to achieve great things in their professional careers and make substantial impacts in the infectious diseases field.

As these talented individuals embark on the next chapter of their careers, we wish them all the best and look forward to witnessing their future successes.

Ralph Kamel, MD, is finishing his third and final year of the UPMC Transplant Infectious Diseases (TID) Fellowship program.

Mina Said, MBBCh, joined Morristown Medical Center as an Infectious Diseases physician, serving northern New Jersey and the New York metropolitan area.

Spencer Schrank, DO, joined the ID Division faculty as an Assistant Professor of Medicine, as well as serving as Associate Director of Infection Prevention and Hospital Epidemiology for UPMC Presbyterian.

Ghayur Saeed, MBBS, is now in his third and final year of the ID Critical Care Medicine (ID-CCM) Integrated Fellowship program.

Our 2024 ID Graduates:
(from left to right)
Mina Said, MBBCh;
Ghayur Saeed, MBBS;
Spencer Schrank, DO;
Ralph Kamel, MD



TURNING THE PAGE



We are excited to announce the talented individuals joining our team (from left to right): Nouf K. Almaghlouth, MD, MPH; Jack Leech, MD; Jake Smith, MD; Junaid Anwar, MD; Alice Chen, MD.

As we bid farewell to our outstanding graduates, we now turn our focus to the future, welcoming a new cohort of fellows who are ready to embark on their journey with us. This next generation of talented physicians brings fresh perspectives and boundless enthusiasm to the Infectious Diseases Division. Their diverse backgrounds and shared commitment to advancing patient care and research ensure that our tradition of excellence will continue to thrive.

Please join us in welcoming the next generation of ID fellows at UPMC!



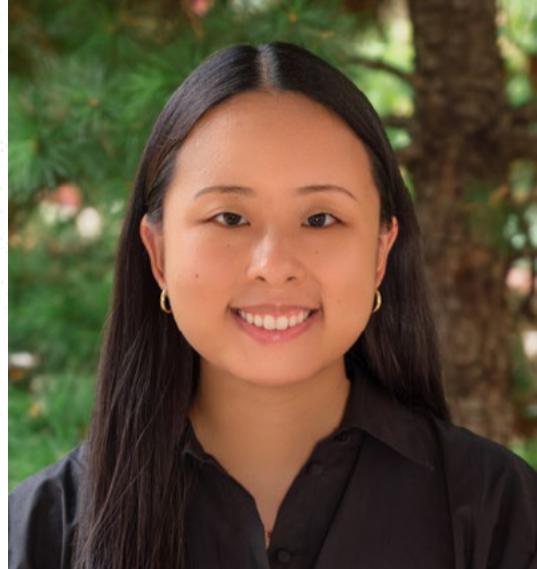
Nouf K. Almaghlouth, MD, MPH

Dr. Almaghlouth is the Division's newest Transplant ID (TID) fellow. Originally from Al Khobar, Saudi Arabia, Dr. Almaghlouth brings a passion for caring for immuno-compromised patients, particularly those undergoing transplants. She completed her residency in New Mexico and an ID fellowship at Brown University. When she's not deep in research, you can find her hiking Pittsburgh's scenic trails or exploring its rich cultural spots like the Carnegie Museums and the Strip District.

TURNING THE PAGE

Junaid Anwar, MD

A native of New York City, Dr. Anwar attended St. George's University in Grenada and completed his residency at Icahn School of Medicine - Elmhurst Hospital. He's passionate about the evolving world of infectious diseases and enjoys traveling, exploring new cuisines, and riding his Ducati Scrambler. Dr. Anwar and his wife are excited to experience Pittsburgh's diverse food scene and attend their first Steelers game.



Alice Chen, MD

Dr. Chen grew up in Hudson, Ohio, attended medical school at Northeast Ohio Medical University, and completed her residency at Summa Health in Akron. She's passionate about Antimicrobial Stewardship and enjoys hiking, cooking, and collecting houseplants. Dr. Chen and her husband, Ty, are new to Pittsburgh and are enjoying the city's vibrant food scene.



Jack Leech, MD

Dr. Leech is our newest ID Critical Care Medicine (ID-CCM) fellow. A Pittsburgh native, Dr. Leech returned home after attending The George Washington University for his undergraduate studies, completing his medical school and residency at the University of Pittsburgh and UPMC. When he's not tackling complex cases, you can find him running Pittsburgh's trails or defending his fantasy football championship title. Dr. Leech enjoys watching games at PNC Park and spending time with his wife, Melanie, and their golden doodle, Theo.



Jake Smith, MD

Hailing from the small town of Anson, Texas, Dr. Smith attended Texas Tech University Health Sciences Center for medical school and completed his residency in Internal Medicine-Pediatrics at the University of Arkansas for Medical Sciences. Outside of work, he enjoys spending time with his wife Kris, their two young sons, and their pug, Mia. Dr. Smith is eager to explore Pittsburgh's family-friendly spots like the Children's Museum and the zoo.

Events ON CAMPUS

UPCOMING...

DECEMBER 16
ID Holiday Luncheon
BST S100 // 11:30a-1:30p

DECEMBER 16
ID State of the Division
VIRTUAL // 2:00-3:00p

MARCH 9-12
CROI 2025
San Francisco, CA



ID Faculty and staff alike were able to spend the afternoon away from campus to enjoy the summer season.



ID Chief, Dr. Macatangay, enjoys a meal with colleagues at Schenley Park.

2024 ID SUMMER PICNIC IN REVIEW

Uniting the ID family with food, fun, and friendship!

On a cloudy afternoon in early July, the ID Division gathered for the much-anticipated Summer Picnic, which took place at the beautiful Schenley Park Pavilion. With colleagues, families, and even a few furry friends in attendance, the event was a wonderful opportunity for everyone to step away from their busy schedules to connect, relax, and celebrate the summer season.

The picnic was catered by the Cilantro & Ajo food truck, which served up a variety of Venezuelan street food options. As people mingled and shared a meal, the sounds of laughter and casual conversation filled the air, creating an atmosphere

of camaraderie and team spirit. The picnic also featured activities that kept both adults and children entertained throughout the afternoon. The playground was a hub of fun. Meanwhile, the adults got in on the action with friendly games of cornhole.

Assorted beverages and desserts rounded out the afternoon, ensuring there was a sweet treat for everyone. The event was a true success, bringing together staff, faculty, and their loved ones in a casual setting. As the day drew to a close, everyone left with a renewed sense of unity and appreciation for the people who make the Division such a special place to work.

Here's to more gatherings that continue building these bonds and fostering the strong sense of togetherness we all cherish!

Events ON CAMPUS

THE PITT MEN'S STUDY ANNIVERSARY SYMPOSIUM -Commemorating Four Decades of Discoveries

A 40th anniversary event that reflected on innovative science, community engagement, and commitment to the future of HIV research.

On Thursday, September 26, 2024, the Division of Infectious Diseases celebrated a pivotal milestone in the fight against HIV with the 40th Anniversary Symposium of the Pitt Men's Study. Launched in 1981 by Charles Rinaldo, PhD, Professor of Medicine, the study has played a crucial role in defining the natural history of HIV, leading to transformative discoveries that have shaped modern treatment and research in the field.

The event, held in the Starzl Biomedical Science Tower, featured presentations from three distinguished speakers, each of whom provided a unique perspective on the past, present, and future of HIV research. Mackey R. Friedman, PhD, MPH, Associate Professor from Rutgers University's Department of Urban-Global Public Health, opened with a poignant reflection on the fraternal



Dr. Rinaldo provided opening remarks to a crowd of 50+ Symposium attendees.

nature of the cohort study. His presentation, entitled “Community-Engaged Research with Sexual Minority Men: the Pitt Men’s Study at 40,” underscored the importance of inclusive, community-based approaches in combating the HIV epidemic, particularly among sexual and gender minority populations.

John W. Mellors, MD, a Distinguished Professor of Medicine at the University of Pittsburgh, followed with a discussion of his seminal work on HIV viremia.

In his presentation, entitled “HIV Viremia: What Have We Learned in Forty Years?,” Dr. Mellors revisited his research on HIV reservoirs and their persistence even in individuals undergoing long-term suppressive anti-retroviral therapy (ART). He emphasized that while tremendous strides have been made, significant challenges remain, especially in addressing latent HIV reservoirs and developing agents to eradicate infected cells.

Events ON CAMPUS

THE PITT MEN'S STUDY ANNIVERSARY SYMPOSIUM



Dr. Rinaldo moderated the Q&A session with Drs. Friedman, Mellors, and Pathak engaging with symposium attendees.

The final speaker, Elizabeth Barnett Pathak, PhD, FAHA, Program Director for the MACS/WIHS Combined Cohort Study at the NIH's National Heart, Lung, and Blood Institute, provided a comprehensive overview of the epidemiological landscape of HIV in the United States. Her talk, *“People Living with HIV in the United States: The 2020s and Beyond,”* focused on current infection demographics and disparities in health outcomes, reminding us of the ongoing challenges in addressing HIV across different social, racial, and economic groups.

While the symposium celebrated the progress made over four decades, the doleful reality

of the study's participants lost to AIDS served as a reminder of the work still ahead. With no cure yet in sight, the Pitt Men's Study remains as relevant as ever, continuing to inform research and treatment strategies that aim to improve the lives of those living with HIV.

As Dr. Rinaldo moderated the concluding Q&A session, attendees left with a renewed sense of commitment to furthering the fight against HIV. The evening closed with a coffee and dessert reception, where conversations about future collaborations and next steps echoed the study's lasting impact on the world of infectious diseases.

The Pitt Men's Study has been a beacon of hope for forty years, and this symposium reaffirmed the ID Division's dedication to finding a cure and continuing its innovative research for years to come.



Dr. Friedman presenting, “Community-Engaged Research with Sexual Minority Men: the Pitt Men's Study at 40.”

Events ON CAMPUS

ID FLEX WEEK OFFERS IMMERSIVE LEARNING OPPORTUNITIES FOR MS1 STUDENTS

Last month, the Division of Infectious Diseases hosted an engaging and educational Flex Week for MS1 students at the University of Pittsburgh School of Medicine. The week-long program, designed to introduce students to the broad field of Infectious Diseases (ID), featured a range of activities aimed at enhancing their understanding of ID subspecialties, clinical practice, and research.

The week began with an Introduction to Infectious Diseases, led by Dr. Alex Viehman, which covered the history of ID, key subspecialties, and fundamental skills such as ID history-taking. This introductory session was followed by a tour of the Clinical Microbiology Lab with Dr. Hannah Creager, and a presentation on infection prevention by Dr. Spencer Shrank.

A key highlight of the week was the shadowing experiences in various ID settings, including surgical ID with Dr. Karin Byers, community outpatient HIV/PrEP with Dr. Christiane Hadi, and general ID services with Dr. Beej Macatangay and Dr. Carolyn Fernandes. Students had the unique opportunity to observe ID care across a range of patient populations and clinical environments, from endovascular infections to transplant ID services with experts such as Dr. Simi Padival and Dr. Will Garner.

On September 5th, students participated in an ID-themed escape room game (created by Dr. Diana Zhong), a creative and interactive way to test their knowledge of zoonotic diseases and problem-solving skills. The day continued with



MS1 students put their minds to the test with another rendition of *Zoonotic Mysteries*, an ID-themed escape room.

a lunch and panel discussion featuring Infectious Diseases fellows Dr. Tyler Tate, Dr. Jason Park, and Dr. Justin Massey (Pediatric ID), who shared their experiences and insights on pursuing careers in ID.

The week concluded with shadowing opportunities in Pediatric Infectious Diseases at UPMC Children's Hospital, guided by faculty including Dr. Holly Thomas, Dr. Michael Green, Dr. James Fisher, and Dr. Terri Stillwell.

We extend our heartfelt thanks to all of the organizers and faculty who contributed to this enriching experience, especially Dr. Diana Zhong, Dr. Alex Viehman, and MD/PhD student Nathalie Chen for their leadership and dedication in coordinating the program.

As Flex Week demonstrated, the field of Infectious Diseases offers a wide array of exciting career opportunities for aspiring medical professionals. We look forward to future events that continue to inspire and educate the next generation of ID specialists.

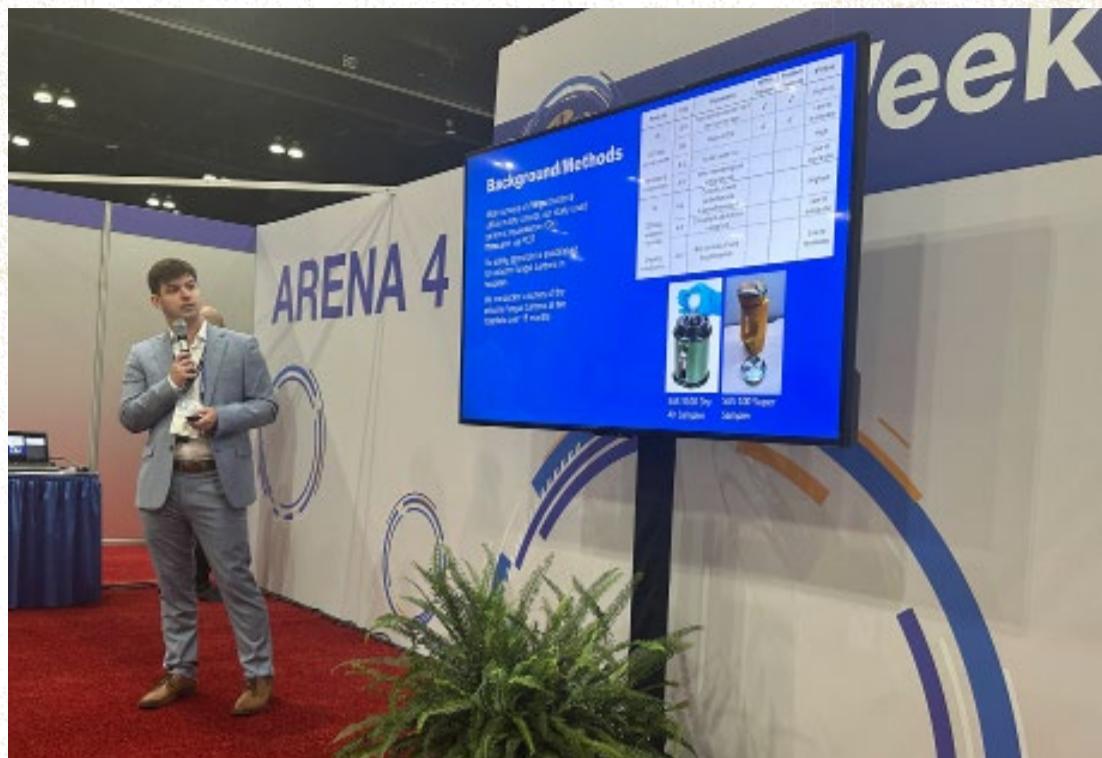
Events OFF CAMPUS

ID WEEK 2024: PROGRESS IN ACTION

Advancing science, building connections, and shaping the future of infectious disease care—ID Week highlights.

ID Week 2024, which took place October 16–19 in Los Angeles, California, brought together leaders in infectious disease research, healthcare, and public health. ID Week is organized by several prominent societies, including the Infectious Diseases Society of America (IDSA), the Pediatric Infectious Diseases Society (PIDS), and the HIV Medicine Association (HIVMA). ID Week serves as a premier event to exchange ideas, showcase cutting-edge research, and discuss evolving trends and challenges in the field.

One highlight of the week was the annual UPMC-hosted reception, held on October 17 at Bonaventure Brewing Company's scenic rooftop bar. Faculty, fellows, alumni, and staff gathered to reconnect, discuss their latest projects, and enjoy an evening of camaraderie. Events like this under-



Zach Wilkins (MPH student, UPMC TRU), examined environmental risks in “Aspergillus Burdens in Outdoor and Indoor Air at Hospitals Housing Patients at High Risk for Invasive Fungal Infections.”

score the strength and collaboration within our ID community as we continue advancing research and patient care.

Pitt/UPMC's participation extended beyond networking, with several impressive poster presentations. Dr. Sahil Angelo shared epidemiological findings on *Stenotrophomonas maltophilia*, while Dr. Genesis Huerta Vera presented her work on MRSA screenings in orthopedic surgeries. PGY3 resident Dr. Irada Choudhuri contributed data from the PACT clinic on anal cancer screenings, and MPH student Zach Wilkins showcased research on Aspergillus burdens in healthcare settings.

Our epidemiology team also delivered some thought-provoking lectures. Dr. Lee Harrison discussed real-time genomic sequencing through his CMU collaboration project, EDS-

HAT, and PhD student Vatsala Rangachar Srinivasa provided insights on genomic surveillance for respiratory viruses. Meanwhile, Kady Waggle, MS, shared strategies for cost-efficient outbreak detection in hospital settings.



Kady Waggle, MS (MiGEL Lab), shared insights on “Methods for Cost-Efficient, Real-Time Whole Genome Sequencing Surveillance for Enhanced Detection of Outbreaks in a Hospital Setting.”

Events OFF CAMPUS

ID WEEK 2024

The expertise of ID faculty was on full display at this year's ID Week, with presentations that addressed emerging trends in telemedicine, physician compensation, and value-based care. Rima Abdel-Massih, MD, Associate Chief of Telemedicine and Education, moderated the session "ID Telehealth Cases: Do's and Don'ts for Different Telecare Modalities," served as a panelist for "ID Physician Compensation Update: It's About Time (and Value)," and delivered "Quality/Outcome Based Incentives: The Road to Value."

Our pharmacists also made an impression at the Society of Infectious Diseases Pharmacists (SIDP) Annual Meeting, which launched ID Week on October 15. Matthew Davis, PharmD, BCIDP, led the presentation "Should Paucity Give Us Pause? Revisiting Data Behind Common Practices in Infectious Diseases," and shared research through two posters focused on remote tele-ID programs and pharmacist-provider collaborations. Erin McCreary, PharmD, BCPS, BCIDP, was celebrated as the incoming 2024-2025 SIDP President and further contributed by moderating panels and presenting several posters.



Diana Zhong, MD, MHS, co-created and organized this year's ID Week escape room, Out-BREAK!

These dynamic presentations by our ID team exemplify our commitment to advancing infectious disease care through leadership, innovative thinking, and collaboration. From telehealth advancements to pharmacist-led initiatives, our faculty continues to push boundaries and elevate care across the healthcare landscape.

ID Week isn't just about the serious work in infectious diseases; it also brings an element of fun! Diana Zhong, MD, MHS, who joined ID Connect this year, showcased her creative flair as the co-creator and organizer of Out-BREAK!—an engaging ID Escape Room experience.

Many Pitt and UPMC representatives participated in this interactive escape room, which provided a unique way to learn while having fun. This activity was a hit, following Dr. Zhong's

recent success with a similar escape room event for Pitt Med MS1 students during the September Flex Week ID event. These innovative activities not only foster collaboration and engagement among attendees, but also promote awareness of important infectious disease topics in a memorable way.

As ID Week 2024 came to a close, participants left inspired to apply new knowledge and strategies in their practice. For ID faculty, fellows, and researchers, the conference was not only a chance to share groundbreaking work but also to strengthen connections with colleagues and collaborators in the field. With innovative ideas and fresh perspectives, we look forward to carrying the momentum from Los Angeles into our ongoing efforts to advance infectious disease clinical care, research, and education throughout the year.

Fresh Faces

STAFF



Rabina Baiju, MSc
Dr. Trevejo-Nunez Lab

Adam Breese
Dr. Rinaldo Lab



Erika Butcher
Dr. Doi Lab

Hunter Coyle
Dr. Harrison Lab

Patrick Henderson
Dr. Mellors Lab

Deepika Mahesh, MS
Dr. Mailliard Lab



Joshua Martinek
Dr. Harrison Lab

Amanda Schaeffer, MPH
Dr. Macatangay Lab

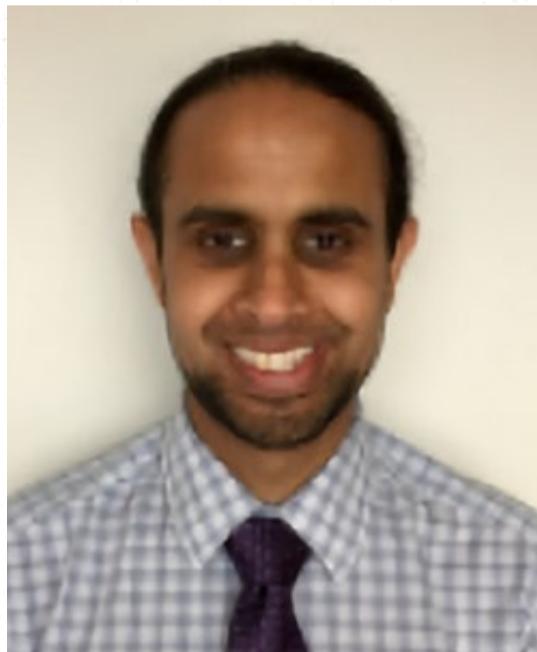
Andrew Stark
Dr. Mike Lab

Quinn Testa, MS
Dr. Macatangay Lab

Fresh Faces FACULTY



Andrea Carlo Anglero, MD



Akash Gupta, MD



Shannon Hamilton, DO



Laura Mike, PhD



Spencer Schrank, DO



Madison Stellfox, MD, PhD



Colin Tkatch, MD

Appointments & Promotions

STAFF



Ava Dorazio

Promoted to:

Laboratory Specialist- Dr. Shields Lab



Jamie Fullerton

Promoted to:

Clinical Research Coordinator & Recruitment Manager



Theresa Lingg

Promoted to:

Clinical Research Manager - TRU



Peter Shoucair

Promoted to:

Senior Research Manager- Dr. Mailliard Lab

Appointments & Promotions

FACULTY

**Ricardo D. Arbulu, MD**

Promoted to:
Clinical Associate Professor of Medicine

**J. Ryan Bariola, MD**

Promoted to:
Clinical Professor of Medicine

**Matthew Culyba, MD, PhD**

Appointed to:
Assistant Director for
Translational Science Education

**Nupur Gupta, DO, MPH**

Promoted to:
Clinical Associate Professor of Medicine

**Christiane M. Hadi, MD, MPH, MSc**

Promoted to:
Clinical Associate Professor of Medicine

**Elise M. Martin, MD, MS**

Promoted to:
Associate Professor of Medicine

**Sarah McBeth, MD, MPH**

Promoted to:
Clinical Associate Professor of Medicine

**Spencer Schrank, DO**

Appointed to:
Associate Director of Infection
Prevention and Hospital Epidemiology

**Daria Van Tyne, PhD**

Promoted to:
Associate Professor of Medicine

Awards GRANTS



Cristian Apetrei, MD, PhD

As Co-PI, awarded funding in the amount of \$3,146,215 for a five-year grant renewal by the National Institutes of Health/National Institute of Diabetes and Digestive and Kidney Diseases (NIH/NIDDK) entitled “*Assessing the Role of GI Tract Dysfunction to HIV/SIV Disease Progression.*”

Matthew Culyba, MD, PhD

Awarded funding in the amount of \$10,000 for a one-year grant by the Samuel and Emma Winters Foundation entitled, “*Role of the Staphylococcus aureus DNA damage (SOS) response during infection.*”



Madison E. Stellfox, MD, PhD

Awarded funding in the amount of \$855,445 for a five-year grant by the National Institutes of Health/National Institute of Allergy and Infectious Diseases (NIH/NIAID) entitled, “*Genetic and phenotypic adaptations of vancomycin-resistant Enterococcus faecium during recurrent bloodstream infection.*”

Daria Van Tyne, PhD

Awarded funding in the amount of \$40,000 for a two-year grant by the Institute for Infection, Inflammation, and Immunity in Children (i4Kids) entitled, “*Functional genomics of non-ribosomal peptides in clinical bacterial strains.*”

Awarded funding in the amount of \$70,000 for a one-year grant by the Cystic Fibrosis Research Institute entitled, “*Optimization of activity and improved delivery of bacteriophages targeting Burkholderia spp.*”



Professional Achievements

STAFF

ID STAFF RECEIVE SERVICE AWARDS

The Chancellor's Annual Staff Recognition Ceremony recently celebrated employees' milestone service anniversaries. The University of Pittsburgh honored eight Infectious Diseases Division team members with tokens of appreciation for their dedicated service and commitment to the University.

5 YEARS



Kaitlin Bodnar, MA

Program Manager,
PITT MEN'S STUDY

10 YEARS



Sherri Karas Certo

Clinical Research Recruiter
and Community Educator,
HIV/AIDS CLINICAL RESEARCH TEAM

5 YEARS



Emily Hixson

Clinical Research Coordinator II,
HIV/AIDS CLINICAL RESEARCH TEAM

10 YEARS



Lynette Kleckner

Quality Assurance Manager,
HIV/AIDS CLINICAL RESEARCH TEAM

20 YEARS



Christi McElheny, MS

Director of Lab Operations,
DR. DOI LAB

5 YEARS



Benjamin Morris

Laboratory Research Technician,
DR. MACATANGAY LAB

20 YEARS



Lorraine Pollini, MLIS

Director of Academic
Achievement and
Information Access,
OFFICE OF THE CHIEF

5 YEARS



Vatsala Rangachar Srinivasa

Laboratory Manager,
DR. HARRISON LAB

Professional Achievements

STAFF

LEAVING A LEGACY

We are pleased to recognize the retirements of Kathy Kulka and Susan McQuiston, two invaluable members of the Rinaldo Lab. Throughout their many years of dedicated service, Kathy and Susan have played a crucial role in advancing infectious disease research, particularly in the ongoing fight against HIV.

Kathy and Susan remained steadfast through the lab's transition from the School of Public Health to the Division of Infectious Diseases in the Department of Medicine last year, continuing to provide invaluable support and leadership during this pivotal change. Their years of expertise and passion have left an indelible mark on the lab and the greater scientific community.



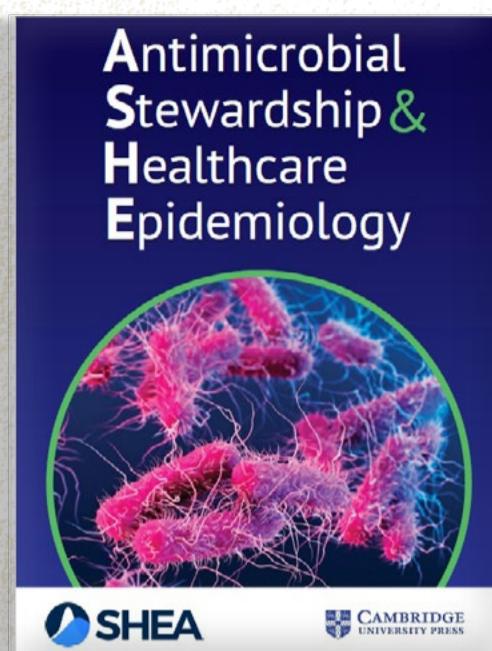
A retirement party celebration took place in Scaife Hall on Sept. 27 to honor the legacy Kathy and Susan leave behind.



As they embark on this new chapter, we extend our deepest gratitude to Kathy and Susan for their lasting contributions and for inspiring the next generation of scientists. We wish them all the best in their retirements and know their legacy will continue to influence the work being done within the Division and in the field of ID.

Best wishes, Kathy and Susan!

Recent Publications

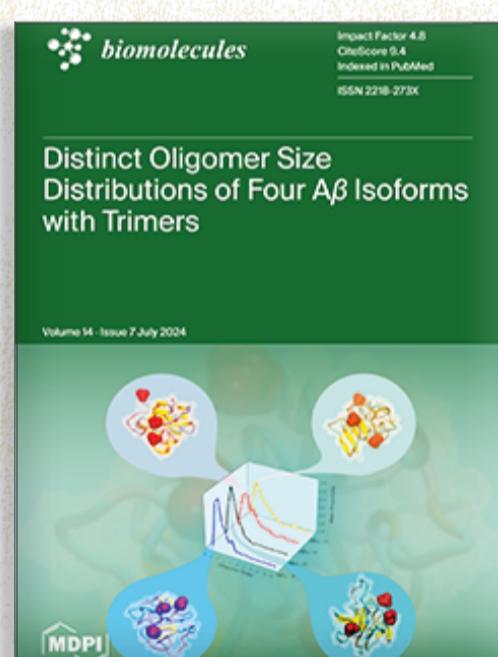


ANTIMICROBIAL STEWARDSHIP & HEALTHCARE EPIDEMIOLOGY

*“Impact of discontinuation of contact precautions on surveillance- and whole genome sequencing-defined methicillin-resistant *Staphylococcus aureus* healthcare-associated infections”*

Volume 4, Issue 1, June 2024

Sharon Karunakaran, Lora Lee Pless, Ashley M. Ayres, Carl Ciccone, Joseph Penzelik, Alexander J. Sundermann, Elise M. Martin, Marissa P. Griffith, Kady Waggle, Jacob C. Hodges, Lee H. Harrison, Graham M. Snyder.

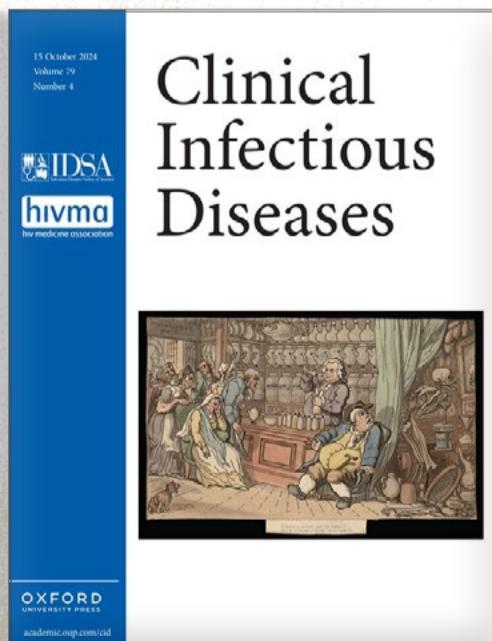


BIOMOLECULES

“Discovery of Benzisothiazolone Derivatives as Bi-functional Inhibitors of HIV-1 Reverse Transcriptase DNA Polymerase and Ribonuclease H Activities”

Volume 14, Issue 7, July 2024

Alondra Vázquez Rivera, Heather Donald, Mounia Alaoui-El-Azher, John J. Skoko, John S. Lazo, Michael A. Parniak, Paul A. Johnston, Nicolas Sluis-Cremer.



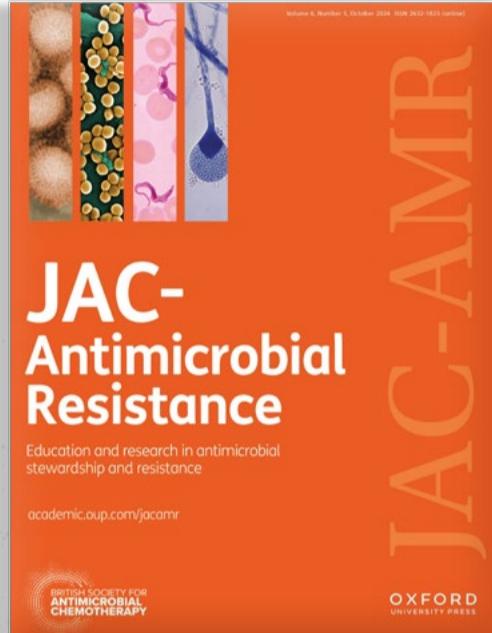
CLINICAL INFECTIOUS DISEASES

*“Real-time genomic epidemiologic investigation of a multispecies plasmid-associated hospital outbreak of NDM-5-producing *Enterobacteriales* infections”*

Volume 142, May 2024

Nathan J. Raabe, Abby L. Valek, Marissa P. Griffith, Emma Mills, Kady Waggle, Vatsala Rangachar Srinivasa, Ashley M. Ayres, Claire Bradford, Daria Van Tyne, Graham M. Snyder, Lee H. Harrison

Recent Publications



JAC-ANTIMICROBIAL RESISTANCE

*"Emergence of high-level aztreonam-avibactam and cefiderocol resistance following treatment of an NDM-producing *Escherichia coli* bloodstream isolate exhibiting reduced susceptibility to both agents at baseline"*

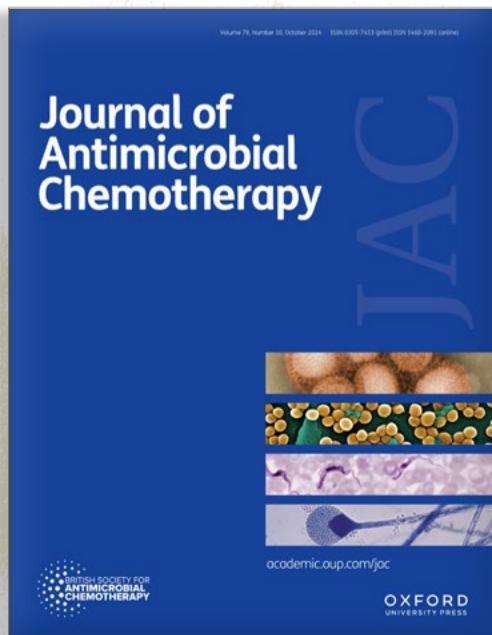
Volume 6, Issue 5, September 2024

Ghady Haidar, Ellen G. Kline, Georgios D. Kitsoios, Xiaohong Wang, Eun Jeong Kwak, Anthony Newbrough, Kelly Friday, Kailey Hughes Kramer, Ryan K. Shields.

*"Frequency of cefiderocol heteroresistance among patients treated with cefiderocol for carbapenem-resistant *Acinetobacter baumannii* infections"*

Volume 6, Issue 5, September 2024

Ryan K. Shields, Ava J. Dorazio, Giusy Tiseo, Kevin M. Squires, Alessandro Leonildi, Cesira Giordano, Ellen G. Kline, Simona Barnini, Alina Iovleva, Marissa P. Griffith, Daria Van Tyne, Yohei Doi, Marco Falcone.



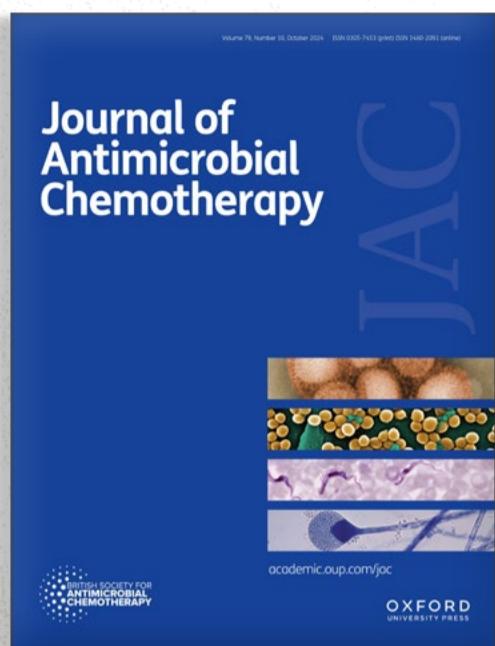
JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY

*"Clinical manifestations and treatment outcomes for patients with *Pseudomonas* endocarditis"*

Volume 79, Issue 8, August 2024

Sunish Shah, Lloyd Clarke, Matthew W. Davis, Jeffrey E. Topal, Ryan K. Shields.

Recent Publications



JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY

“Increased mortality in hospital- compared to community-onset carbapenem-resistant enterobacteriales infections”

Pre-print, September 2024

Angelique E. Boutzoukas, Natalie Mackow, Abhigya Giri, Lauren Komarow, Carol Hill, Liang Chen, Yohei Doi, Michael J. Satlin, Cesar Arias, Minggui Wang, Laura Mora Moreo, Erica Herc, Eric Cober, Gregory Weston, Robin Patel, Robert A. Bonomo, Vance Fowler, David van Duin.



JOURNAL OF LEUKOCYTE BIOLOGY

“Attenuation of HIV-Specific T Cell Responses Among People with HIV on ART Following Dipyridamole Treatment”

Pre-print, August 2024

Benjamin C. Morris, Emily A. Hixson, Cynthia Klamar-Blain, Delbert G. Gillespie, Kaleab Z. Abebe, Charles R. Rinaldo, John W. Mellors, Edwin K. Jackson, Sharon A. Riddler, Bernard J. C. Macatangay.



SCIENTIFIC REPORTS

“Evolution of extended-spectrum B-lactamase-producing ST131 Escherichia coli at a single hospital over 15 years”

Volume 14, Issue 1, August 2024

Shu-Ting Cho, Emma G. Mills, Marissa P. Griffith, Hayley R. Nordstrom, Christi L. McElheny, Lee H. Harrison, Yohei Doi, Daria Van Tyne.



Fall 2024 Issue

The IDPittStop Newsletter



University of
Pittsburgh

Division of Infectious Diseases