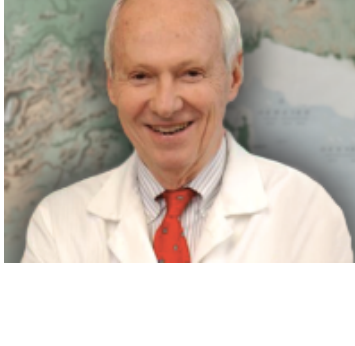


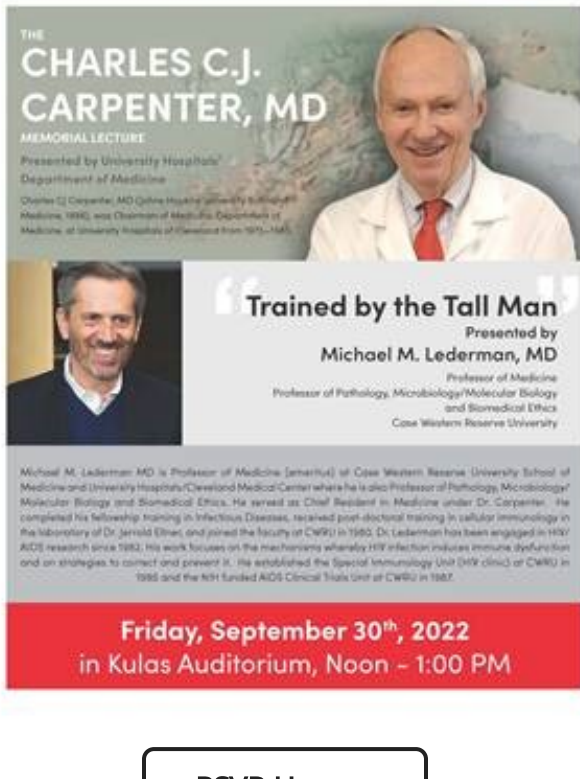


Charles C.J. Carpenter, MD Memorial Lecture

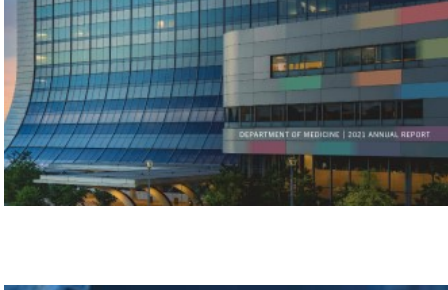
Please join us for a special Medicine Grand Rounds,
Charles C.J. Carpenter, MD Memorial Lecture

featuring our own, Michael M. Lederman, MD, as Keynote Speaker
"Trained by the Tall Man"

Friday, September 30th in Kulas Auditorium from Noon - 1 PM



[RSVP Here >](#)



Department of Medicine Annual Report

The 2021 Department of Medicine Annual Report is now available.
Click below to view an electronic version (PDF) of the annual report.

[Click here to view the report >](#)

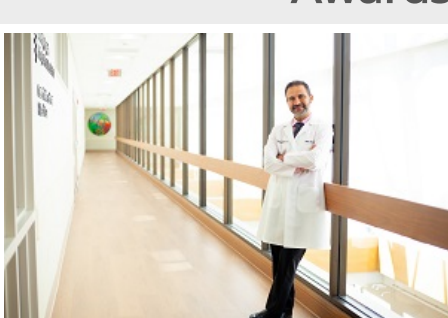


Virtual Town Hall on COVID-19: Will It Ever End?

Hosted by Daniel I. Simon, MD, President, Academic & External Affairs and Chief Scientific Officer and joined by Robert Salata, MD, FACP, FIDSA, STERIS Chair of Excellence in Medicine, Professor and Chairman, Department of Medicine, CWRU, Physician-in-Chief, Master Clinician in Infectious Diseases, UH Cleveland Medical Center.

[Recording now available here >](#)

Awards - Appointments - Publications



Mehdi Shishehbor, DO, MPH, PhD: 2022 Crain's Notable Immigrant Leader

Crain's 2022 Notable Immigrant Leader award recognizes immigrants who have contributed to the city of Cleveland's rich diversity as well as its economic growth and cultural heritage. As President of the UH Harrington Heart & Vascular Institute, Mehdi Shishehbor, DO, MPH, PhD, Angela and James Hambrick Chair in Innovation, has dedicated his career to saving the limbs of patients with severe vascular disease and finding alternative treatments to amputation.

According to Crain's Cleveland Business, "it would be an understatement to say that Dr. Mehdi Shishehbor has a come a long way since fleeing his native Iran for the U.S. at age 14."

Dr. Shishehbor had left his native country without his parents during the Iran-Iraq war to live with a brother in Florida. He put himself through college and medical school, rising to become an internationally renowned interventional cardiologist with expertise in vascular medicine and minimally invasive procedures to prevent amputations.

Crain's recognized Dr. Shishehbor for creating the Limb Salvage Advisory Council (LSAC) that evaluates alternative treatments to amputations and improves outcomes for patients with limb-threatening ischemia, a condition in which blood flow is restricted to parts of the body. It is now being used as a model in other health institutions across the nation. They also lauded him for training over 300 physicians locally and nationally on techniques to avoid amputation and save limbs.

A National Institutes of Health scholar, Dr. Shishehbor and his team of interventional cardiologists and cardiac surgeons were also the first in the U.S. to report a safer, minimally invasive strategy for removing infections in the heart associated with right-sided infective endocarditis.

Additionally, under his leadership UH was named a top-50 facility for Cardiology and Heart Surgery (38th) by U.S. News and World Report.

Written by: Julieann Strogan

[Read the Crain's article here >](#)



Sadeer Al-Kindi, MD discusses the disparity of recipients of certain drugs

Disparities reported in use of cardioprotective drugs in type 2 diabetes

Sadeer Al-Kindi, MD, associate professor at the School of Medicine, and his colleagues discussed new data that shows among adults with type 2 diabetes, white men and white women and those seeing an endocrinologist receive more prescriptions for SGLT2 inhibitors and GLP-1 receptor agonists than Black adults and those seen only in primary care. "Non-physician-driven prescriptions (e.g., pharmacy-driven prescribing and dose escalation) may improve utilization rates," said the research team. "Multidisciplinary care delivery (e.g., comprehensive cardiometabolic centers) may additionally improve utilization rates."

[Read the Hello article >](#)

Research News



Stephen Carpenter, MD, PhD awarded K08 and American Lung Association Grants

K08: Determining protective features of human memory T cells to inform Mycobacterium tuberculosis vaccine development

Major Goals: The major goals of this project are to determine the frequency, functions and antigen specificity of memory CD4 T cells able to recognize and respond to Mtb-infected macrophages. This project expands the BSL-3 flow sorting, single-cell transcriptomics and TCR sequencing platform established in Aim 1 to compare memory CD4 T cell responses that respond to autologous Mtb-infected macrophages from individuals that are "protected" vs. "non-protected" from active TB, living in an endemic area. This project will characterize the protective features of memory CD4 T cells to inform vaccine development.

American Lung Association (ALA) Catalyst Award: Protective attributes of Mycobacterium tuberculosis-specific human lung resident memory T cells

Major Goals: The major goal of this grant is to identify the functional differences in pulmonary T cell responses to latent Mtb infection among individuals at higher vs. lower risk of developing active TB. This project will assist in vaccine development by furthering our understanding for the optimal functions of lung resident memory T cells in protection from active TB.



Michael Freeman, PhD & Stephen Carpenter, MD, PhD awarded R21

Overcoming restrained lung trafficking by memory CD4+ T cells to prevent active tuberculosis in people living with HIV

Major Goals: Identification of the functional differences in T cell responses to latent Mtb infection among HIV+ and HIV- individuals will further our understanding for why those with HIV are more likely to develop active TB despite having CD4 counts > 500. This is a Multi-PI grant where Co-PIs Stephen Carpenter and Michael Freeman focus on differences in T cell trafficking toward Mtb-infected cells among HIV+ and HIV- individuals. The results of this project will point to novel approaches to TB vaccination and host-directed therapy that can improve T cell trafficking to Mtb-infected cells, and identify biomarkers of resistance to and/or clearance of Mtb infection.

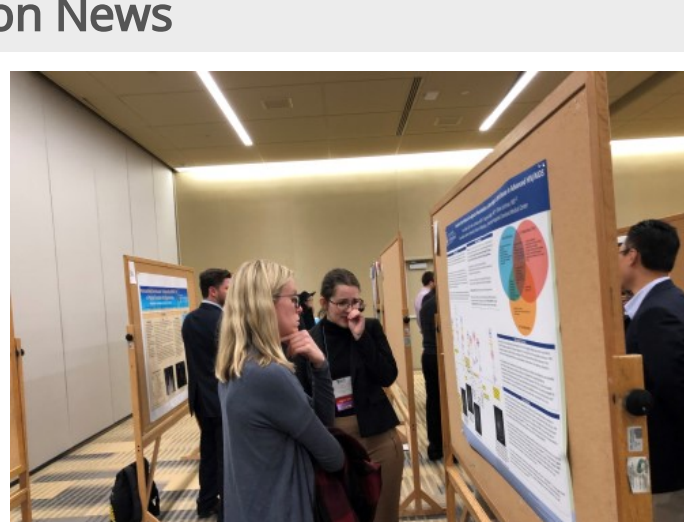
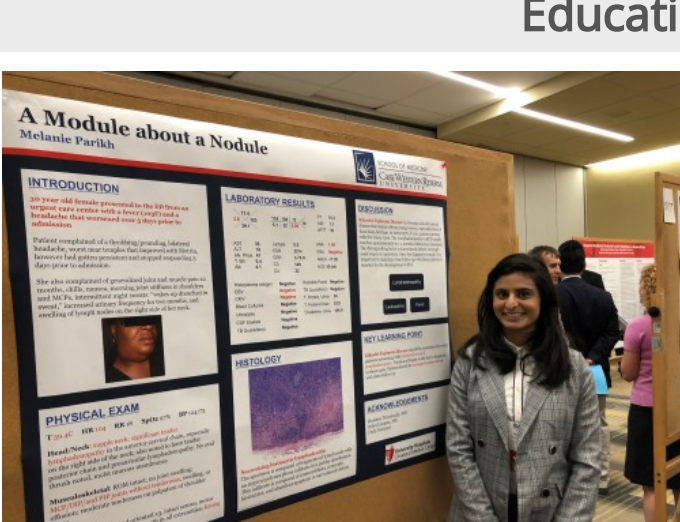


Imran Rashid, MD awarded R01

3D Cine Magnetic Resonance Fingerprinting for Rapid Phenotyping of Cardiomyopathy

PROJECT NARRATIVE: We propose a novel 3D cine MR Fingerprinting exam for comprehensive characterization of cardiomyopathy phenotypes, with prospective validation in patients. This research will streamline MRI exams, reduce operator dependence, and provide reproducible quantitative tools for rapid and objective diagnosis of cardiomyopathies.

Education News



Congratulations to CWRU medical students who did Internal Medicine Clerkship at UH/VA

Each year the Ohio/Air Force Chapter of the American College of Physicians sponsors an abstract competition for residents and medical students from across the state to be presented during the annual Ohio ACP scientific conference in Columbus. We are pleased to announce the following CWRU medical students, who did their 3rd year Internal Medicine clerkship at UH/VA, had abstracts accepted for poster presentation at the Ohio ACP meeting.

Thanks to the residents and attendings for helping to mentor our students:
Varun Adhvaray, Abigail Bacharach, Blake Boehm, Allen Chen, Kayley Erickson, Isabelle Gau, Steve Gendi, Anita Mahadevan, Aparna Narendrulu, Timothy Shu, Aubrey Stockland, Colin Xu, and Justin Yuan.

CONGRATULATIONS to our medical students!!!

Welcome to the Department



Stephen Wilson, MD
Division of Infectious
Diseases & HIV Medicine
Associate Professor
Case Western Reserve
University

Upcoming Events

Medicine-Pediatrics Grand Rounds

September 9 (Friday, Med-Peds, In Person - RBC Amphitheater)
"Hot off the Presses - New Healthcare Guidelines for Children and Adults with Down Syndrome"

Kishore Vellody, MD
Professor of Pediatrics
University of Pittsburgh, School of Medicine
Medical Director, Down Syndrome Center of Western Pennsylvania

Laura Cifra-Bean, MD
Medical Outreach Director
Down Syndrome Association of Northeast Ohio

Medicine Grand Rounds

September 13
"Endocrinology & Obesity - Title TBD"

Revital L. Gorodeski Baskin, MD
Director, Obesity Center
Clinical and Molecular Endocrinology

Medicine Grand Rounds

September 20
"Heart Failure Guidelines Update - Title TBD"

Eiran Z. Gorodeski, MD, MPH, FACC, FHSA
Medical Director of the Advanced Heart Failure & Transplant Center
Co-Director, Hambrick Center for Cardiac Recovery
Harrington Heart & Vascular Institute
University Hospitals Health System
Professor of Medicine, Case Western Reserve University School of Medicine

Medicine-Pediatrics Grand Rounds

September 22 (Thursday, Med-Peds, In Person - RBC Amphitheater)
"Leadership: The What? The Why? - An introduction to leadership and leadership styles"

Moises Auron MD, FAAP, FACP, SFHM
Professor of Medicine and Pediatrics, CCLCM of CWRU
Medical Director of Blood Management
Quality Improvement and Patient Safety Officer,
Department of Hospital Medicine
Staff, Dept. of Hospital Medicine and
Dept. of Pediatric Hospital Medicine
Board of Governors, Cleveland Clinic
Governor-elect, American College of Physicians Ohio chapter

Medicine Grand Rounds

September 27
"Sepsis Awareness Month - Title TBD"

Layla Sankari, MD
Department of Pulmonary and Critical Care Medicine
UH Cleveland Medical Center
Assistant Professor, Medicine
CWRU School of Medicine

Janel Paukovits, MD
Assistant Medical Director, Emergency Medicine
UH Cleveland Medical Center

Medicine Grand Rounds - Charles C.J. Carpenter Memorial Lecture

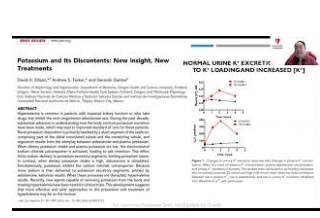
September 30 (Friday)
"Trained by the Tall Man"

Michael M. Lederman, MD
Professor of Medicine
Professor of Pathology, Microbiology/Molecular Biology and Biomedical Ethics
Case Western Reserve University

Recurring Events (Zoom information sent out weekly)

Tuesdays @ Noon - Medicine Grand Rounds Seminar Series (September - May)
Wednesdays @ Noon - VA Conference
Fridays @ Noon - UH M&M Conference

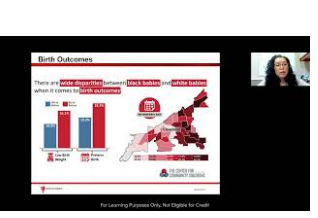
Recent Medicine Grand Rounds



[View](#)

Edgar Lerma, MD,
FACP

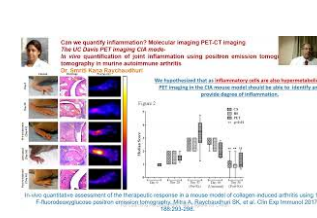
"Approaches to Prevent and Treat Chronic Hyperkalemia"



[View](#)

Celina Cunanan,
MSN & Patrick
Runnels, MD

"Won't You Be My Neighbor? UH's Role in Addressing SDOH to Achieve Health Equity in Cleveland"



[View](#)

Siba P
Raychaudhuri, MD

"T Cell Targeted Therapies in Autoimmune Diseases"



[View](#)

Marjorie Greenfield,
MD

"Career Development and Academic Promotion"

[Click here to view online](#)

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To contribute, email: Matthew.Zelesenik@UHhospitals.org

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