

Department of Medicine Resident Research Day

Friday, May 27th, 2022

8:00-9:00am: Oral presentations

<https://uvmcom.zoom.us/j/95047409181>

Meeting ID: 950 4740 9181

Password: 347294

Introduction

Amanda Kennedy, PharmD, BCPS

Professor and Chair, Resident/Fellow Research Committee

Christina He, MD

Characterizing Cervical and Breast Cancer Screening Rates in HIV vs. Non-HIV Patients

Anupama Balasubramanian, Shivani Mathur, Angela Russo, Devika Singh

Jamie Rowell, MD

Longitudinal Assessment of Lung Function in COVID-19 Patients

Jamie Rowell, MD, Katie Menson, DO, Charles Irvin, PhD, Janice Bunn, PhD, Jeff Priest, PhD, Olivia Johnson, BS, Cory Raymond, BS, Elise Prehoda, BS

Ryan Thomas, MD

Development of a Computable Phenotype for Venous Thrombosis: The Medical Inpatient Thrombosis and Hemostasis (MITH) Study

Ryan Thomas, MD, Katherine Wilkinson, MS, Insu Koh, PhD, Ang Li, MD, Nicholas Roetker, PhD, Nicholas L Smith, PhD, Allen B Repp, MD, Chris E. Holmes, MD, PhD, Timothy B Plante, MD, MHS, Mary Cushman, MD and Neil A. Zakai, MD, MSc

A special thanks to the Resident/Fellow Research Committee for their efforts!

- Katharine Cheung
- Elie Donath
- Andy Hale
- David Kaminsky
- Caroline Lyon
- Amanda Kennedy, Chair
- Mark Pasanen
- Rich Pinckney
- Bradley Tompkins
- Dan Weiss
- Neil Zakai

9:00-10:00am: Virtual Poster Session

<https://fahc.sharepoint.com/teams/ResidentResearchDayVirtualPosterSession>

Daniel Bax, MD

High Risk Head and Neck Cutaneous Squamous Cell Carcinoma Treated with Mohs Surgery or Mohs Surgery and Adjuvant Radiation Therapy

C. J. Anker, M. Sajisevi, J. A. Cintolo-Gonzalez, D. P. Bax, D. L. Chen, G. D. Goldman, T. E. Holmes, K. W. Leonard, H. T. Rehman, Q. R. Self, C. H. Weinberger, and M. R. Bui

Jason Browne, MD

Incidence of nonalcoholic fatty liver disease (NAFLD) in a cohort of rheumatoid arthritis (RA) patients on methotrexate (MTX)

Jason Browne, MD, Bradley Tompkins, MPH, Amanda G. Kennedy, PharmD, BCPS, Steven D. Lidofsky, MD, PHD

Elizabeth Carson, MD

Prescribing SGLT-2 Inhibitors and GLP-1 Agonists in Primary Care: Improving Rates of Guideline-Concordant Practice

Elizabeth Carson, MD; Matthew Gilbert, DO; Samantha Schuetz, MPH; Ruveni Gogerly-Moragoda, MBBS; Halle Sobel, MD

Nathan Centybear, MD

Flow Volume Loop Morphology in Patients with Parkinson's Disease

Nathan Centybear, MD, David Kaminsky, MD, Ping Zhao, PhD, Acorda, Inc.

Robert Hardwick, MD

Relationship of FeNO with asthma control varies by BMI group

Robert Hardwick, MD, A. E. Dixon MD, D. Kaminsky MD

Jonathan Hingre, MD

Improving Patient Understanding of the Resident's Role in Primary Care Clinic

Jonathan Hingre, MD, Bradley J. Tompkins, MS, MPH, Gretchen Gaida-Michaels, MD

Arjun Fung-Janardhan, MD

Associations Between Health Plan Transitions and Healthcare Utilization Among ICU Survivors

Arjun Fung-Janardhan MD, Andrew Wilcock PhD, Adam J. Atherly PhD, Elena Kozakewich MD, Leslie P. Scheunemann MD, MPH, Skyler A. Lentz MD, Renee D. Stapleton MD, PhD

Alison Kim, MD

Comparison of Younger vs Older Patients Participating in Phase 2 Cardiac Rehabilitation

Alison Kim, MD, Sherrie Khadanga MD, Patrick Savage MS, Philip Ades MD

Seth Levy, MD

Incidence of Influenza and Other Respiratory Viral Infections in Vermont During the COVID-19 Pandemic

Seth Levy, MD, Lindsay Kill, MS, Jennifer Read, MD, MS, MPH, Kristen Pierce, MD

Aurasch Moaven, MD

Standardizing Methods in Culturing Ascitic Fluid: A Project in Quality Improvement at UVMMC

Aurasch Moaven, Shawn Wayne, Siddique Akram, Sheela Reddy

Lloyd Patashnick, MD

Are We Over-sedating in the MICU: A Retrospective Analysis

Lloyd Patashnick, MD, Bradley Tompkins, MS, MPH, MaryEllen Antkowiak, MD

Jamie Rowell, MD

Simulation in critical care: a curriculum for internal medicine residents in the Medical ICU

Jamie Rowell, MaryEllen Antkowiak, Bradley Tompkins, Julia Powelson

David Steinmetz, MD

Resident physician reactions to telemedicine in a primary care training setting

David Steinmetz, MD, Kamryn Jones, Amanda G. Kennedy, PharmD, Halle Sobel, MD

Sean Till, MD

The relationship between lung volume and airway conductance in obstructive and restrictive lung disease

Sean Till, David Kaminsky

Celebrating Scholarship

Manuscripts

Name	Title
Elizabeth Carson	Carson E, Wilcox R. Choosing Wisely in Pre-clinical Medical Education: a Direct Comparison of Active Learning Methods for Teaching Metabolic Liver Disease. Med Sci Educ. 2019 Oct 28;30(1):139-146. doi: 10.1007/s40670-019-00821-2. PMID: 34457652
Yu Ting He	He YT, Peterson K, Crothers J, DeJace J, & Hale A. Endocarditis and Systemic Embolization from Whipple's Disease. IDCases. 2021 Mar 31;24:e01105. doi: 10.1016/j.idcr.2021.e01105. PMID: 33868927
Yu Ting He	Lam BD, Hale AJ, Bullis SM, He Y, Khan S, Freed JA. A Retrospective Review of 193 Cases of Severe Eosinophilia in the Northeast United States. Am J Med. 2021 Jun;134(6):e374-e377. doi: 10.1016/j.amjmed.2020.11.022. PMID: 33359774
Yu Ting He	He YT, Hale A. Oral-Step Down Therapy for Uncomplicated Streptococcal Bloodstream Infections: β -Lactams or Fluoroquinolones? Contagion, February 2021 (Vol. 06, No. 01)
Sean Till	Infeld M, Nicoili C, Meagher S, Tompkins BJ, Wayne S, Irvine B, Betageri O, Habel N, Till S, Lobel J, Meyer M and Lustgarten D. Clinical impact of Bachmann's bundle pacing defined by electrocardiographic criteria on atrial arrhythmia outcomes. Europace. 2022 Mar 19;euac029. doi: 10.1093/europace/euac029. PMID: 35304608.
A special thanks to former residents who continued to work on scholarship of their resident research projects after finishing residency!*	
KC Bolton	Bolton K, Lawler M, Hauptman J, Madden M, DeVoe SG, Kennedy AG, Tompkins BJ, Hodde NM. Patient experience on a hospital oncology service before and after implementation of a no-visitor policy during Covid-19. J Patient Exp. 2021 Jul 28;8:23743735211034620. doi: 10.1177/23743735211034620. PMID: 34377777.
Katherine Peterson	Peterson KL, Tompkins BJ, Ahern JW, Smith LM. The Impact of a Best-Practice Advisory on Inpatient Use of Piperacillin-Tazobactam. Antimicrobial Stewardship & Healthcare Epidemiology , Volume 2 , Issue 1 , 2022 , e36 DOI: https://doi.org/10.1017/ash.2022.12
Samantha Steinmetz-Wood	Steinmetz-Wood SN, Kennedy AG, Tompkins BJ, Gilbert MP. Navigating the Debate on Managing Large (≥ 4 cm) Thyroid Nodules. Int J Endocrinol. 2022 Apr 16;2022:6246150. https://doi.org/10.1155/2022/6246150 . PMID: 35469125

National or Regional Posters and Presentations

Name	Title
Elizabeth Carson	Carson E, et al. Prescribing SGLT2 inhibitors and GLP-1 agonists in primary care: Improving rates of guideline-concordant practice. Presented at: Society of General Internal Medicine national meeting (SGIM22); April 7, 2022. Orlando, Florida. Accepted for presentation at: Endocrine Society National Meeting (ENDO2022); June 11-14, 2022. Atlanta, Georgia.
Arjun Fung-Janardhan	Fung-Janardhan, A., Wilcock, A., Atherly, A., Kozakewich, E., Scheunemann, L., Lentz, S., Stapleton, R. (May 2021). Associations Between Health Plan Transitions and Healthcare Utilization Among Intensive Care Unit Survivors. Poster presented virtually at: ATS 2021.
Robert Hardwick	R. Hardwick, A. E. Dixon, D. Kaminsky. Relationship of Fractional Exhaled Nitric Oxide (FeNO) with Asthma Control Varies by BMI Group. Poster presented at: ATS 2022.
Yu Ting He	Lin J, Hampton K, He YT, Jacobs A, McEntee R, Li J, et al. How to survive a cyberattack: Preparing for the unexpected. Virtually presented at EPIC XGM Expert Group Meetings 2021.
Yu Ting He	He YT. Transition to oral antibiotics for streptococcal bacteremia: Which and when?. Presented at Vermont and New Hampshire Society of Hospital Medicine Updates in Hospital Medicine Webinar; March 2021.
Alison Kim	Kim A, Toishi Sharma MD, Anand Krishnan MD, Louis Polish MD, William Hopkins MD. Cutibacterium acnes: An indolent presentation of prosthetic valve endocarditis. Presented virtually at: Vermont ACP Chapter meeting; October 15, 2021.
Alison Kim	Kim A, Khadanga S, Savage P, Ades P. Comparison of younger vs older patients participating in phase 2 cardiac rehabilitation. Presented virtually at: Beginning Investigator Award Session at the AACVPR annual meeting; October 7, 2021.
Aurasch Moaven	Moaven A, Abutaleb A, Stonesifer E, Rubin J, Jakhete N, Sakiani S, Schmalzle S, Kottlil S, Shetty K. Prevalence of Non Alcoholic Fatty Liver Disease and Predictors of Hepatic Fibrosis in an Urban Population with HIV Monoinfection. Oral and poster presentation at HIV and Liver Disease 2021 Conference; September 2021; Teton Village, WY.
Aurasch Moaven	Moaven A, Reddy S, Wayne S. Standardizing Methods in Culturing Ascitic Fluid: A Project in Quality Improvement UVMC. Poster Presentation at the American College of Physicians Internal Medicine Virtual Meeting 2021; New England & Mountain West Society of General Internal Medicine Virtual Meeting 2020; Vermont Chapter of American College of Physicians 2020 Virtual Scientific Meeting; September 2020
Aurasch Moaven	Moaven A, Wahlberg K. A Case of Reactive Arthritis Secondary to BCG Therapy. Case report poster presentation at the Vermont Chapter of American College of Physicians 2019 Scientific Meeting. October 2019. Stowe, VT.
Dave Steinmetz	David Steinmetz, Maylene Qiu, Matthew Palmer, Jonathan Dunham, Jonathan J. Hogan: IgA nephropathy in patients with psoriatic arthritis: a case series and systematic review of the literature. 2019 ASN Kidney Week, Washington, DC.

Ryan Thomas	Thomas R. Development of a Computable Phenotype for Venous Thrombosis Present on Admission: The Medical Inpatient Thrombosis and Hemostasis (MITH) Study. Presented at International Society on Thrombosis and Haemostasis; 2021.
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*If anyone is missing, please let Amanda Kennedy know so that we can spread the word of celebration!

The Resident/Fellow Research Committee would like to thank Ben Depo, MD and Juvena Hitt, MPH for their efforts in organizing this event.