

Department of Internal
Medicine

2019-2020
Resident and Fellow
Scholarship



INTERN AND RESIDENT SCHOLARSHIP

Alder, Laura

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. **Alder L**, Nguyen M, Qu J, Lee H, Thacker L, Dougherty S, Poklepovic A. Long Term Outcome Analysis of Y90 Radioembolization in Hepatocellular Carcinoma. ASCO Annual Meeting. Accepted.
2. **Alder L**, Hackney H. Racial Disparities in Utilization of Gene Expression Testing in Breast Cancer Patients at an Academic Medical Center. Virginia ACP. Submitted.
3. **Alder L**. A Rare Case of Osteolytic Lesions in a Patient with CLL. Virginia ACP. Submitted.
4. **Alder L**, Bear H, Hackney M. Racial Disparities in Utilization of Gene Expression Testing in Breast Cancer Patients at an Academic Medical Center. ASCO Quality Care Symposium. September 2019. Accepted.

Publications

1. **Alder L**, Yazbeck V. Case of a CD3 Negative Hepatosplenic T-Cell Lymphoma Diagnostic and Therapeutic Challenges. Case Reports In Hematology 2019. Accepted.

Chadha, Nikita

Categorical Internal Medicine, PGY 1

Abstracts & Presentations

1. **Chadha N**, Syed T, Sterling R. Utility of Non-Invasive Testing for Fibrosis Assessment in Patients with End Stage Renal Disease. Poster Presentation. VCU Resident and Fellow Research Day. Accepted.

Chan, Ho Wing

Preliminary Internal Medicine, PGY 1

Abstracts & Presentations

1. **Chan H**, Waybill K. Bilateral Lower Extremities Swelling in a Factor VII Deficiency Female. American College of Physicians. Accepted.

Chandrakumaran, Anchalia

Categorical Internal Medicine, PGY 3

Publications

1. Patel S, Rodriguez V, Siddiqui MB, Faridnia M, Lin F, **Chandrakumaran A**, Laurenzano J, Clinton J, Kowlgi G, Kirkman D, Sima A, Liptrap E, Bhati C, Siddiqui MS. The Impact of Coronary Artery Disease and Statins on Survival after Liver Transplantation Oct 2019. Published.
2. **Chandrakumaran A**, Siddiqui M. Implications of Nonalcoholic Steatohepatitis as the Cause of End-Stage Liver Disease Before and After Liver Transplant. Gastroenterology Clinical of North America 2020. Published.
3. Patel S, Siddiqui M, **Chandrakumaran A**, Rodriguez V, Faridnia M, Hernandez Roman J, Zhang E, Patrone M, Kakiyama G, Walker C, Sima A, Minniti R, Boyett S, Bajaj J, Sanyal A, Pandak W, Bhati C, Siddiqui M. Progression to Cirrhosis Lead to Improvement in Atherogenic Milieu. Digestive Disease Science 2020. Published.
4. Feagins L, Kim J, **Chandrakumaran A**, Gandle C, Naik K, Cipher D, Hou J, Yao M, Gaidos J. Rates of Adverse IBD-Related Outcomes for Patients with IBD and Concomitant Prostate Cancer Treated with Radiation Therapy. Inflammatory Bowel Disease 2020. Published.
5. Patel S, Siddiqui MB, **Chandrakumaran A**, Faridnia M, Lin F, Hernandez Roman J, Carbone S, Laurenzano J, Clinton J, Kirkman D, Wolver S, Celi F, Bhati C, Siddiqui MS. Office-Based Weight Loss Counseling is Ineffective in Liver Transplant Recipients. Digestive Disease Science 2020. Published.

Chou, Christopher

Categorical Internal Medicine, PGY 1

Publications

1. Jayaraman S, DeAntonio J, Leichtle S, Han J, Liebrecht L, Contaifer D, Young C, **Chou C**, Staschen J, Doa D, Kumar N, Wolfe L, Nguyen T, Chenault G, Anand R, Bennett J, Ferrada P, Goldberg S, Procter L, Rodas E, Rossi A, Whelan J, Feeser V, Vitto M, Broering B, Hobgood

S, Mangino M, Aboutanos M, Bachmann L, Wijesinghe D. Detecting Direct Oral Anticoagulants in Trauma Patients Using Liquid Chromatography-Mass Spectrometry. *The Journal of Trauma and Acute Care Surgery* 2019.

Choxi, Ravi

Categorical Internal Medicine, PGY 2

Abstracts & Presentations

1. Wasilewski M, **Choxi R**, Patel K, Perera R, Jovin I. Angiotensin Converting Enzyme Therapy and The Risk of Contrast-Induced Nephropathy After Coronary Angiography and Percutaneous Coronary Intervention. *Vascular Discovery: From Genes to Medicines*. Accepted
2. **Choxi R**, Wasilewski M, Danyi P, Roy S, Perera R, Jovin I. Statin Intake and the Risk of Contrast-Induced Nephropathy and Long Term Outcomes After Coronary Angiography and Percutaneous Coronary Intervention. Poster Presentation. *Vascular Discovery: From Genes to Medicine*.
3. **Choxi R**, Teigeler T, Shepard R. Dual AV Nodal Non-Reentrant Tachycardia. Poster Presentation. ACP VA Chapter. March 2020.
4. Csernak L, **Choxi R**, Aggarwal M. Pauci-Immune Crescentic Glomerulonephritis with p-ANCA and Anti-GBM Positivity. Poster Presentation. ACP National Conference.

Publications

1. **Choxi R**, Pillai A, Ahmed S, Jovin I. Use of Intravenous Cangrelor as Antiplatelet Bridge Therapy in Patient Undergoing Esophageal Dilation Procedure. *Cardiovascular Revascularization Medicine* 2020. Published.
2. **Choxi R**, Roy S, Stamatouli A, Mayer S, Jovin I. Type 2 Diabetes Mellitus and Cardiovascular Disease: Focus on the Effect of Anti-Hyperglycemic Treatments on Cardiovascular Outcomes. Expert Review of Cardiovascular Therapy 2020. In Press.
3. **Choxi R**, Teigeler T, Shepard R. Irregular Narrow Complex Tachycardia: Buy One Get One Free. *JAMA Network: Challenges in Clinical Electrocardiography*. Accepted.

4. Powell S, **Choxi R**, Gunda S, Jovin I. A 43-Year-Old Functional Starr-Edwards Ball and Cage Mechanical Aortic Valve. *General Thoracic Cardiovascular Surgery* 2020. Published.
5. Kolominsky J, **Choxi R**, Al-Rifai M, Shapiro M. Familial Hypercholesterolemia: Cardiovascular Risk Stratification and Clinical. *JACC Online* 2020. Accepted.

Dragan, Marcin

Categorical Internal Medicine, PGY 2

Abstracts & Presentations

1. **Dragan M**, Carli M, Malkin M, Yazbeck V. Predictive Biomarkers for Bevacizumab Activity in Recurrent Glioblastoma: A Single Institution Study. *AACR 2020 National Meeting*. Accepted.

Publications

1. Kwinta B, Myska A, Bigaj M, **Dragan M**, Kenig J, Krzyzewski R. Iatrogenic Common Iliac Vessels Injury During Routine Degenerative Lumbar Spine Surgery: Report of 2 Cases and Review of Literature. *World Neurosurgery* 2020. Published.
2. **Dragan M**, Nandan A. Kikuchi-Fujimoto Disease in a Young Hispanic Male. *Journal of Clinical Rheumatology* 2020. Accepted.

Faridnia, Masoud

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. Patrone M, Siddique M, Hernandez Roman J, **Faridnia M**, Albhaisi S, Shen S, Siddiqui M, Patel S. Natural History of Nash Cirrhosis as It Pertains to Risk of Hepatic Decompensation and Liver Transplantation. *Digestive Disease Week*. Accepted.
2. Young C, Patel S, Siddique MB, Zhang E, Chandrakumaran A, **Faridnia M**, Hernandez Roman J, Siddiqui MS, Smallfield G. Diarrhea is Common Both Early and Late After Liver Transplantation and Rates of C. diff. Remain Elevated. *American College of Gastroenterology*. Accepted.

Publications

1. Patel S, Siddiqui MB, Chandrakumaran A, **Faridnia M**, Lin F, Hernandez Roman J, Carbone S, Laurenzano J, Clinton J, Kirkman D, Wolver S, Celi F, Bhati C, Siddiqui MS. Office Based Weight Loss Counseling is Ineffective in Liver Transplant Recipients. *Digestive Diseases and Sciences* 2019. Published.
2. Patel S, Rodriguez A, Siddiqui MB, **Faridnia M**, Lin F, Chandrakumaran A, Laurenzano J, Clinton J, Kowlgi G, Kirkman D, Sima A, Bhati C, Siddiqui MS. The Impact of Coronary Artery Disease and Statins on Survival after Liver Transplantation. *Liver Transplant* 2019. Published.
3. Patel S, Siddiqui MB, Chandrakumaran A, Rodriguez V, **Faridnia M**, Hernandez Roman J, Zhang E, Patrone M, Kakiyama G, Walker C, Sima A, Minniti R, Boyett S, Bajaj J, Sanyal A, Pandak W, Bhati C, Siddiqui MS. Progression to Cirrhosis Leads to Improvement in Atherogenic Milieu. *Digestive Diseases and Sciences* 2020. Published.

Frey, Elizabeth Ramsey

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. **Frey E.** What We Can Do. Virginia ACP. March 2020. Accepted.

Haran, Ryan

Categorical Internal Medicine, PGY 3

Publications

1. **Haran R.** Polycythemia Vera. *Human Diagnosis Global Morning Report* 2020 1(1): 3. Submitted.

Hassouneh, Ramzi

Preliminary Internal Resident, PGY 1

Abstracts & Presentations

1. Nadhem O, Acharya C, **Hassouneh R**, Shaw J, Reuter B, Fagan, White, McGeorge, Bajaj. Impact of Non-Cognitive Variables in the Diagnosis of Minimal Hepatic Encephalopathy. *American College of Gastroenterology*. Submitted.

2. Abdelfattah T, **Hassouneh R**, Sarairah H, Mutha P, Shaw J. Difference in Pain Scores in Patients Undergoing Endoscopic Ultrasound Guided Liver Biopsy Versus Percutaneous Liver Biopsy. American College of Gastroenterology. Submitted.
3. **Hassouneh R**, Peak E. Disseminated Gonococcal Infection: An Unusual Presentation. National American College of Physicians. Submitted.
4. **Hassouneh R**, Mui, Manning. Gemella Species Native Aortic Valve Infective Endocarditis: A Rare and Deadly Disease. Virginia ACP. Submitted.

Hess, Kathryn

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. **Hess K**, Grinnan D, Gertz Z. Pulmonary Arterial Hypertension Due to Atrial Septal Defect and Partial Anomalous Pulmonary Venous Return Treated with Endovascular Stent. American Thoracic Society. Accepted.
2. Wiese B, **Hess K**. When A Thrombus is Not a Thrombus: To Anticoagulate or Not to Anticoagulate. American Thoracic Society. Accepted.

Publications

1. Pedersen L, **Hess K**, Sangeeta S, Bearman G. Bacterial Pyomyositis Associated with Human Immunodeficiency Virus: Diagnosis, Management and Review of a Recent Literature. Current Treatment Options in Infectious Disease July 2019. Accepted.

Hippalgaonkar, Neha

Categorical Internal Medicine, PGY 2

Abstracts & Presentations

1. **Hippalgaonkar N**, Matin K. The Influence of Health Disparities on Risk Factors in Patients with Colorectal Cancer. American Society of Clinical Oncology. Submitted.

2. **Hippalgaonkar N**, Matin K. The Influence of Health Disparities on Risk Factors in Patients with Colorectal Cancer. Poster Presentation. VCU Resident and Fellow Research Day.

Hong, Winston

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. **Hong W**, Jahangiri A, Pillai A, Sangal K. A Classic Presentation – Giant Cell Myocarditis. Mid-Atlantic Capital Cardiology Symposium. November 2019. Accepted.
2. Roy S, **Hong W**, Ellenbogen K. Cardiac Transplantation for Refractory Polymorphic Ventricular Tachycardia. Poster Presentation. Heart Rhythm Society 2020.

Publications

1. Bottinor W, Chawla R, Danyi P, Patel K, Turlington J, Sangal K, **Hong W**, Perera R, Jovin I. Intravenous Fluid Therapy is Associated with a Reduced Incidence of Contrast-Induced Nephropathy But Not with a Reduced Long-Term Incidence of Renal Dysfunction After Cardiac Catheterization. Cardiovascular Revascularization Medicine 2019. Published.
2. Roy S, **Hong W**, Wasilewski M, Ellenbogen K. Intravenous Fluids for the Prevention of Contrast-Induced Nephropathy in Patients Undergoing Coronary Angiography and Cardiac Catheterization. Journal of American College of Cardiology 2020. Submitted.
3. **Hong W**, Kabach M, Feldman G, Jovin I. Intravenous Fluids for the Prevention of Contrast-Induced Nephropathy in Patients Undergoing Coronary Angiography and Cardiac Catheterization. Expert Review of Cardiovascular Therapy 2020 18(1): 33-39. Published.

Hull, Kristin

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. Rader T, **Hull K**, Hess K, Davison P, Wiese B. Improving Inpatient Hypertension Management at an Academic Medical Center. Virginia ACP. Submitted.

Johnson, Leigh

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. **Johnson L**, Sterling R. The Prevalence and Impact of Hepatic Steatosis on Response to DAA Therapy in HIV-HCV Coinfection. Poster Presentation. AASLD: The Liver Meeting. November 2019. Accepted.
2. **Johnson L**. Video: Connections. Virginia ACP. March 2020. Accepted.
3. **Johnson L**. Improving Transitions in Care: Verbal Patient Handoff from Inpatient to Skilled Nursing Facility. Poster Presentation. Virginia ACP.

Publications

1. **Johnson L**, Sterling R. The Prevalence and Impact of Hepatic Steatosis on Response to Direct-Acting Antiviral Therapy in HIV-HCV Coinfection. *Biology Apr 2020 9(4): 87*. Published.

Johnson, Peace

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. Khan A, **Johnson P**, Kolipakkam B, Park J, McIntosh G. Needs Assessment for Improving Fluid Resuscitation in Septic Patients with CHF and/or ESRD. Virginia Associates ACP Meeting. March 2020. Submitted.

KC, Yashwee

Categorical Internal Medicine, PGY 2

Abstracts & Presentations

1. **KC Y**, Desai N, Nandan A. Budd-Chiari Syndrome as the Initial Manifestation of Behcet's Disease. Poster Presentation. VCU Resident and Fellow Research Day. June 2019. Accepted.
2. **KC Y**, Bedoya P, Gill R. Opioid Induced Endocrinopathy. American College of Physicians. Submitted.

Keffer, Stephen

Preliminary Internal Medicine, PGY 1

Publications

1. **Keffer S**, Guy C, Weiss E. Fatal Radiation Pneumonitis: Literature Review and Case Studies. *Advances in Radiation Oncology* 2020 5: 238-249. Published.

Kolipakkam, Bharadhwaj

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. Khan A, Johnson P, **Kolipakkam B**, Park J, McIntosh G. Needs Assessment for Improving Fluid Resuscitation in Septic Patients with CHF and/or ESRD. Poster Presentation. Virginia ACP.

Publications

1. **Kolipakkam B**, Vachhani H. A Rare and Fatal Co-Occurrence of Evans Syndrome and Autoimmune Hepatitis/Primary Biliary Cirrhosis Overlap Syndrome. *Hematology International Journal* 2020 2(4). Published.

Kolominsky, Jeffrey

Categorical Internal Medicine, PGY 2

Abstracts & Presentations

1. **Kolominsky J**, Tushak Z, Schatz A, Patel J, Pillai A, Potfay J. Eosinophilic Granulomatosis with Polyangiitis Presenting as an Acute Coronary Syndrome. Poster Presentation. American College of Cardiology Scientific Sessions. Accepted.
2. **Kolominsky J**, Teigeler T, Vo C, Master V, Garg A, Shephard R, Kalahasty G, Kron J, Koneru J, Ellenbogen k, Padala S. Intermediate-Term Clinical Outcomes of His Bundle Pacing: A Single Center Experience. Heart Rhythm Society. Accepted.
3. Teigeler T, **Kolominsky J**, Vo C, Master V, Garg A, Shephard R, Kalahasty G, Kron J, Koneru J, Ellenbogen K, Padala S. Intermediate Term Performance and Safety of His Bundle Pacing Leads: A Single

Center Prospective Study. Heart Rhythm Society Scientific Sessions. Accepted.

4. Master V, **Kolominsky J**, Teigeler T, Vo C, Garg A, Koneru J, Kron J, Shepard R, Kalahasty G, Ellenbogen K, Padala S. AV Junction Ablation in Patient with the Conduction System Pacing Leads: A Comparison of His Bundle vs Left Bundle Branch Area Pacing Leads. Heart Rhythm Society Scientific Sessions. Accepted.
5. Vo C, Teigeler T, **Kolominsky J**, Master V, Garg A, Shephard R, Kalahasty G, Kron J, Ellenbogen K, Padala S. Electrocardiographic Morphology During Follow-Up in Patients with His Bundle Pacing: A Single Center Study. Heart Rhythm Society Scientific Sessions. Accepted.
6. Teigeler T, **Kolominsky J**, Vo C, Master V, Garg A, Shephard R, Kalahasty G, Kron J, Koneru J, Ellenbogen K, Padala S. Success Rates of His Bundle Pacing Lead Implantation: A Single Center Experience. Heart Rhythm Society Scientific Sessions. Accepted.

Publications

1. **Kolominsky J**, Choxi R, Al-Rifai M, Patel J, Shapiro M. Familial Hypercholesterolemia: Cardiovascular Risk Stratification and Clinical. JACC Online 2020. Submitted.
2. **Kolominsky J**, Tushak Z, Patel J, Schatz A, Pillai A, Potfay J. Eosinophilic Granulomatosis with Polyangiitis Presenting as an Acute Coronary Syndrome. JACC 2020. Submitted.

Lee, Chadd

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. **Lee C**, Schatz A, Patel J, Guzman L, Kontos M, Turlington J. STEMI and Arterial Thrombi Following Synthetic Marijuana Use. Poster Presentation. American College of Cardiology. March 2020.
2. **Lee C**, Schatz A, Tushak Z, Bhardwaj H, Lawson B. Troponin I Elevation in Duchenne Muscular Dystrophy. Poster Presentation. American College of Cardiology. March 2020.

Publications

1. **Lee C**, Sawey E, Desai K, Tang D, Kasirajan V, Shah K. Hospitalizations and Outcomes in Patients Implanted with the Total Artificial Heart and Discharged with a Portable Driver. American Society for Artificial Internal Organs 2020 66(5): e68-69. Published.

Lee, Philip

Preliminary Internal Medicine, PGY 1

Publications

1. Revuelta G, Embry A, Elm J, Jenkins S, **Lee P**, Kautz S. Comparative Study of Objective Outcome Measures Used in Clinical Trials of Freezing of Gait. Movement Disorders Clinical Practice 2020. Submitted.

McDonagh, Philip

Categorical Internal Medicine, PGY 2

Abstracts & Presentations

1. McDonagh P, Slade A, Selfridge J, Augustinovich C, McGuire. Post-Mastectomy Reconstruction and Time to Initiation of Radiotherapy: Difference by Surgical Technique. ASTRO 2020. Submitted.
2. Pre, Intra and Post-Treatment Serum Albumin Predicts for Clinical Radiation Pneumonitis in Locally Advanced Non-Small Cell Lung Cancer Patients Treated with Radiochemotherapy. ASTRO 2020. Submitted.

Overton, Christopher

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. **Overton C**, Le T, Iden T, Syed A, Kashiouris M, Syed H. Effects of Vitamin D Supplementation on Calcium Levels in Patients with Sarcoidosis: A Retrospective Analysis. Poster Presentation. American College of Rheumatology. November 2019.

Pandelidis, Alexander

Categorical Internal Medicine, PGY 2

Abstracts & Presentations

1. **Pandelidis A**, Schatz A, Tushak Z, Bhardwaj H, Lawson B. Myocardial Rupture after Delayed-Presentation Myocardial Infarction. American College of Cardiology. Submitted.

Publications

1. **Pandelidis A**, Dow A. What a Pain in the Neck: Crowned Dens Syndrome as an Uncommon Cause of Neck Pain. Case Reports International 2019 2(8). Accepted.

Park, Jay

Categorical Internal Medicine, PGY 2

Abstracts & Presentations

1. **Park J**, Rebhan N, Leiner C. Agranulocytosis after Treatment with Trimethoprim/Sulfamethoxazole: A Rare Side Effect. Virginia ACP. Submitted.
2. **Park J**, Schatz A, Patel J, Tushak Z, Gertz Z, Lawson B, Bhardwaj H, Abbate A. A Case of Giant Left Atrium Due to a Failed Mitral Valve Annuloplasty. Poster Presentation. American College of Cardiology.
3. Khan A, Johnson P, Kolipakkam B, **Park J**, McIntosh G. Needs Assessment for Improving Fluid Resuscitation in Septic Patients with CHF and/or ESRD. Virginia ACP. Accepted.

Publications

1. **Park J**, Cei L, Shah K. Evolving Therapies for Transthyretin Cardiac Amyloidosis. SN Comprehensive Clinical Medicine. Submitted.

Patel, Milan

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. Fasullo M, **Patel M**, Shah T, Pandak W, Mutha P, Sima A, Bickston S, Smallfield. Concomitant Diagnosis of Inflammatory Bowel Disease Associated with a More Aggressive Phenotype in Patients with Barrett's Esophagus. Digestive Disease Week. Accepted.

2. **Patel M**, Shyu I, Mochel M, Smallfield G. Esophageal Melanocytosis: An Uncommon Finding. American College of Gastroenterology Annual Meeting. October 2019. Accepted.
3. **Patel M**, Kerh R, Ma S, Given S, Yih Y, Willis D. Effect of Late-Arriving Patients on Clinic Cycle Time in an Academic Family Medicine Clinic. American Public Health Association Annual Meeting. November 2019. Submitted.
4. Taylor J, Ballard J, Given S, **Patel M**, Carter-Guy K, Bring R, Willis D. A Quality Improvement Approach to Patients who Arrive Late for Their Appointment in a Teaching Clinic. AAMC Annual Meeting. November 2019. Submitted.

Publications

1. **Patel M**, Siddiqui M, Smallfield G. A Rare Presentation of Colonic Hemangiomas and Varices, Clinical Gastroenterology and Hepatology 2019. Published.
2. **Patel M**, Puangricharoen P, Arshad H, Garrison S, Ghabril M, Sandrasegaran K, Tann M, Liangpunsakul S. Does Providing Routine Liver Volume Assessment Add Value When Performing CT Surveillance in Cirrhotic Patients? Abdominal Radiology 2019. Published.
3. Shah T, Kushnir V, Mutha P, Majhail M, Patel B, Schutzer M, **Patel M**, Mogahanaki D, Smallfield G, Zfass A. Neoadjuvant Cryotherapy Improves Dysphagia and Increases Remission Rates in Advanced Esophageal Cancer. Endoscopy International Open 2019. Published.
4. **Patel M**, Haque M, Kohli D, Mutha P, Shah S, Fernandez L, Zfass A, Shah T. Endoscopic Resection Reduces Morbidity When Compared to Surgery in Veterans with Large and Complex Colorectal Polyps. Surgical Endoscopy 2020. Published.
5. **Patel M**, Shyu I, Mochel M, Smallfield G. Frontline Gastroenterology 2019. Published.

Patrone, Michael

Categorical Internal Medicine, PGY 2

Abstracts & Presentations

1. **Patrone M**, Siddiqui M, Hernandez Roman J, Faridnia M, Albhaisi S, Shen S, Siddiqui M, Patel S. Natural History of Nash Cirrhosis as It Pertains to Risk of Hepatic Decompensation and Liver Transplantation. *Digestive Disease Week*. Accepted.

Publications

1. Patel S, Siddiqui M, Chandrakumaran A, Rodriguez V, Faridnia M, Hernandez Roman J, Zhang E, **Patrone M**, Kakiyama G, Walker C, Sima A, Minniti R, Boyett S, Bajaj J, Sanyal A, Pandak W, Bhati C, Siddiqui M. Progression to Cirrhosis Leads to Improvement in Atherogenic Milieu. *Digestive Diseases and Sciences* 2020.

Awards and Honors

1. Excellence in Scholarship as an Intern. VCU Department of Internal Medicine. June 2019.

Pedersen, Laura

Categorical Internal Medicine, PGY 2

Publications

1. **Pedersen L**, Hess K, Sastry S, Bearman G. Bacterial Pyomyositis Associated with Human Immunodeficiency Virus: Diagnosis, Management and Review of the Recent Literature. *Current Treatment Options in Infectious Disease* 2019 3(11): 243-251. Published.

Raman, Natasha

Categorical Internal Medicine, PGY 2

Publications

1. Kapoor R, Deek M, McIntyre R, **Raman N**, Kummerlowe M, Chen I, Gaver M, Wang H, Denmeade S, Lotan T, Paller C, MArkowski M, Carducci M, Eisenberger M, Beer T, Song D, DeWeese T, Hearn J, Greco S, DeVile C, Desai N, Heath E, Liauw S, Spratt D, Hung A, Antonarakis E, Tran P. A Phase II Randomized Placebo-Controlled Double-Blind Study of Salvage Radiation Plus Placebo versus SRT Plus Enzalutamide with High-Risk PSA-Recurrent Prostate Cancer after

Radical Prostatectomy (SAL-ENZA). BMC Cancer 2019 19(1): 572. Published.

Raslan, Rasha

Categorical Internal Medicine, PGY 2

Abstracts & Presentations

1. **Raslan R**, Doll M, Heather A, Cooper K, Godbout E, Stevens M, Bearman G. Staphylococcal Decolonization to Prevent Surgical Site Infection; Is There a Role in Colorectal Surgery? Poster Presentation. Society for Healthcare Epidemiology of American. March 2020.
2. **Raslan R**, Bailey P, Sastry S. Nocardia Beijingensis Lung Mass in an Immunocompetent Adult. Poster Presentation. National ACP. April 2020.
3. Hasnain M, Yamaguchi T, Akhras Sahloul S, Loutfi S, **Raslan R**, El-Sayed O, Martini R, Abdel M, Haque K. Syrian Refugee Self-Reported Health Status and Experiences of Care. Poster Presentation. The National Collaborative for Education to Address the Social Determinants of Health. April 2020.
4. Armila Ruiz M, Shah B, Han J, **Raslan R**, Gordeuk V, Saraf S. Thrombomodulin and Endothelial Dysfunction in Sickle Cell Anemia. Poster Presentation. American Society of Hematology. December 2019.

Publications

1. Srisuwananukorn A, **Raslan R**, Zhang X, Shah B, Han J, Gowhari M, Molokie R, Gordeuk V, Saraf S. Retrospective Analysis. Blood Advances 2020 9(4): 1978-1986. In press.
2. Hakoum M, Noureldine H, Habib J, Abou-Jaoude E, **Raslan R**, Jouni N, Hasbani D, Cruz Lopes L, Guyatt G, Akl E. Authors of Clinical Trials Seldom Report Details When Declaring Their Individual and Institutional Financial Conflicts of Interest: A Cross-Sectional Survey. Journal of Clinical Epidemiology. Submitted.
3. Srisuwananukorn A, Han J, **Raslan R**, Gowhari M, Hussain F, Njoku F, Molokie R, Gordeuk V, Saraf S. Infection, Antimicrobial Resistance and Mortality in Adults with Sickle Cell Disease. The Lancet Hematology 2020. Submitted.

4. Saraf S, Shah B, **Raslan R**, Tayo B, Lash J, Franceschini N, Gordeuk V. Bioinformatics Identify ELMO1 and APOA1 as Candidate Genes for Sick Cell Nephropathy. American Journal of Hematology 2020. Submitted.

Schafer, Eric

Categorical Internal Medicine, PGY 1

Publications

1. **Schafer E**, Shyu I, Walker C, Smallfield G. A Novel Presentation of Inflammatory Pseudotumor in with Crohn's. Journal IBD. Accepted.

Sternberg, Michael

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. **Sternberg M**, Balderston J, Evans D, Joyce M, Gertz Z. Limited Cardiac Ultrasound to Predict Length of Stay in Dyspnea of Unclear Etiology: Utility of the Fast-Limited Ultrasound to Investigate Dyspnea Score. American Society of Echocardiography. June 2020. Accepted.

Publications

1. **Sternberg M**, Pasini E, Chen-Scarabelli C, Corsetti G, Patel H, Linardi D, Onorati F, Faggian G, Scarabelli T, Saravolatz L. Elevated Cardiac Troponin in Clinical Scenarios Beyond Obstructive Coronary Artery Disease. Medical Science Monitor 2019 25: 7115-7125. Published.
2. L'Heureux M, **Sternberg M**, Brath L, Turlington J, Kashiouris M. Sepsis-Induced Cardiomyopathy: A Comprehensive Review. Current Cardiology Reports 2020 5(22): 35. Published.
3. Balderston J, **Sternberg M**, Joyce M, Evans D, Gertz Z. Focused Cardiac Ultrasound in Dyspnea of Unclear Etiology in the Emergency Department. Journal of Ultrasound in Medicine 2020: 1-7. Published.

Sung, Ee-Rah

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. Dworetz A, **Sung E**, Alattar M. Polysomnographic Features of Sleep Paralysis Captured in a Patient with Narcolepsy. Poster Presentation. VCU Resident & Fellow Research Day.

Publications

1. Dworetz A, **Sung E**, Alattar M. Polysomnographic Features of Sleep Paralysis Captured in a Patient with Narcolepsy. American Academy of Neurology. Submitted.

Wang, Ban

Categorical Internal Medicine, PGY 2

Abstracts & Presentations

1. **Wang B**. More Than Meets the IPEX: Finding the Right Source in an Immunosuppressed Patient. Case Presentation. Journal of Clinical Immunology. Accepted.

Wasilewski, Melissa

Categorical Internal Medicine, PGY 2

Abstracts & Presentations

1. **Wasilewski M**, Choxi R, Patel K, Perera K, Jovin I. Angiotensin Converting Enzyme Therapy and the Risk of Contrast-Induced Nephropathy After Coronary Angiography and Percutaneous Coronary Intervention. Vascular Discovery: From Genes to Medicine. Accepted.
2. Choxi R, **Wasilewski M**, Danyi P, Roy S, Perera R, Jovin I. Statin Intake and the Risk of Contrast-Induced Nephropathy and Long-Term Outcomes after Coronary Angiography and Percutaneous Coronary Intervention. Poster Presentation. Vascular Discovery: From Genes to Medicine.

Wiese, Benjamin

Categorical Internal Medicine, PGY 3

Abstracts & Presentations

1. **Wiese B**, Hess K. When A Thrombus Is Not a Thrombus: To Anticoagulate or Not to Anticoagulate. Poster Presentation. American Thoracic Society.

Wood, Taylor

Categorical Internal Medicine, PGY 2

Publications

1. **Wood T**, Abbate A, Tchoukina I, Stevens M. Chryseobacterium Bacteremia: Case Report and Literature Review. European Heart Journal: Case Reports. Submitted.

Zhang, Xiaojie

Categorical Internal Medicine, PGY 2

Abstracts & Presentations

1. **Zhang X**, Paul A. Paraneoplastic Glomerulonephropathies Associated with Solid Tumor: A Review of Published Literature. AACR. Accepted.

Publications

1. **Zhang X**, Vissichelli N, Fowler A, Rocawich K, Grossman C, Leichtle S, Perelas A, L'Heureux M, Kashiouris M. Use of Thromboelastography for Management of COVID-19 Coagulation Abnormalities: Case Reports. Critical Care Medicine. Submitted.

Awards & Honors

1. Intern Scholar's Prize. VCU Department of Internal Medicine. June 2019.

INTERNAL MEDICINE-EMERGENCY MEDICINE RESIDENTS SCHOLARSHIP

Goodwin, Rebecca

Emergency Medicine/Internal Medicine, PGY3

Publications

1. Parkinson's Hyperpyrexia Case report - in progress with toxicology
2. HOMIES project - underway now

Lykins, Joseph

Emergency Medicine/Internal Medicine, PGY3

Publications

1. McPhillie, M.J., Zhou, Y., Hickman, M., Gordon, J., Weber, C., Li, Q., Lee, P., Ampornnanai, K., Johnson, R., Darby, H., Woods, S., Li, Z., Priestly, R., Ristroph, K., Biering, S., El Bissati, K., Hwang, S., Esaa Hakim, F., Dogin, S., **Lykins, J.**, Roberts, L., Hargrave, K., Cong, H., Sinai, A., Muench, S.P., Dubey, J.P., Prud'homme, R., Lorenzi, H., Biagini, G., Moreno, S., Roberts, C.W., Antonyuk, S., Fishwick, C.G.W., and McLeod, R.. (2020). Potent Tetrahydroquinolone Eliminates Apicomplexan Parasites. *Frontiers in Cellular and Infection Microbiology*. In Press.
2. **Lykins, J.**, Zemore, Z., Kashiouris, Lubin, S., Sessler, C.N., Hogan, C.. Immediate Rapid-Response Team Activation Associated with Increased Mortality in Non-ICU Patients Admitted from Emergency Department. 2020 American Thoracic Society International Conference. Philadelphia, PA. Meeting Cancelled
3. Kashiouris, M., Lubin, S., **Lykins, J.**, Cable, C., O'Connor, J., Pedram, S., Churpek, M.M., Sessler, C.N.. So You Think They Are Stable For Transfer? Outcomes Of Interhospital Transfer Patients Who Receive Immediate Rapid Response Activation Upon Arrival On Non-ICU Locations. 2020 American Thoracic Society International Conference. Philadelphia, PA. Meeting Cancelled.
4. McLone, D., Frim, D., Penn, R., Swisher, C.N., Heydemann, P., Boyer, K.M., Noble, A.G., Rabiah, P.K., Withers, S., Wroblewski, K., Karrison, T., Hutson, S., Wheeler, K., Cohen, W., **Lykins, J.**, McLeod,

- R.. (2019). Outcomes of hydrocephalus secondary to congenital toxoplasmosis. *Journal of Neurosurgery: Pediatrics*. no 5: 601-608.
5. Kuttab, H., **Lykins, J.**, Hughes, M.D., Wroblewski, K., Keast, E.P., Kukoyi, O., Kopec, J.A., Hall, S., Ward, M.A.. (2019). Evaluation and Predictors of Fluid Resuscitation in Patients With Severe Sepsis and Septic Shock. *Critical Care Medicine*. 47, no 11: 1582-1590.
 6. El Bissati, K., Ting, L.M., Redal, H., **Lykins, J.**, McPhillie, M., Upadhy, R., Woster, P., Yarlett, N., Kim, K. and Weiss, L., 2019. Novel Synthetic Polyamines have potent antimalarial activities in vitro and in vivo by decreasing intracellular spermidine and spermine concentrations. *Frontiers in cellular and infection microbiology*, 9, p.9.

Taylor, Kyle

Emergency Medicine/Internal Medicine, PGY5

Publications

1. **Taylor K**, Suri P. Mild Therapeutic Hypothermia to Improve the Neurologic Outcome After Cardiac Arrest. 50 Studies Every EM Doctor Should Know. 2018
2. **Taylor K**, Moffett P. HELLP Syndrome. In:Ma J, editor. Clinical Decision Support: Emergency Medicine. Wilmington DE: Decision Support in Medicine LLC; 2017

You, Alan

Emergency Medicine/Internal Medicine, PGY5

Publications

1. **You A**, Carden D, Moll J. Chapter 156 - Tetanus. Tintinalli's Emergency Medicine: A Comprehensive Study Guide, Ninth Edition. McGraw-Hill. 2019
2. Ornato J, **You A**, McDiarmid G, Keyser-Marcus L, Surrey A, Humble J, Dukkupati S, Harkrader L, Davis S, Moyer J, Tidwell D, Peberdy M. Feasibility of Bystander-Administered Naloxone Delivered by Drone to Opioid Overdose Victims. *The American Journal of Emergency Medicine*. Accepted.

3. White J, Rodriguez L, **You A**, Richards N, Couser N. A 28-year-old man with a mobile lesion within the upper eyelid: A rare case of Loa loa infection in the United States. JAMA Ophthalmology. Submitted.

INTERNAL MEDICINE-PEDIATRIC RESIDENTS SCHOLARSHIP

Axline, Michael

Internal Medicine-Pediatrics, PGY 1

Publications

1. **Michael Axline**, Kevin Gould, David Evans. Myocardial Perforation Resulting from Implanted Pacemaker Lead. Emergency Medicine and Trauma Care Journal 2020. Submitted.

Bowen, Melody

Internal Medicine-Pediatrics, PGY 4

Abstracts & Presentations

1. **Bowen M.** A Case of an Ischemic Stroke in an Adolescent Male with Echocardiographic Evidence of Rheumatic Heart Disease. Virginia Chapter of American College of Physicians (ACP) Annual Meeting 2020. Accepted.

Hanna, Andrew

Internal Medicine-Pediatrics, PGY 1

Abstracts & Presentations

1. Schafer E, Hutson M, **Hanna A**, El Dick J, Demaku B, Kennerly P, Elkins M, Patel S. Time to Antibiotics in Neutropenic Fever. VCU Health 18th Annual Resident and Fellow Research Day 2020. Accepted.
2. **Hanna A**, Baffoe-Bonnie A, Vasudeva S. Prevalence of the O27 Ribotype in Southwest Virginia and the Implications for C. difficile Treatment. VCU Health 18th Annual Resident and Fellow Research Day 2020. Accepted.
3. **Hanna A**, Baffoe-Bonnie A, Vasudeva S. Prevalence of the O27 Ribotype in Southwest Virginia and the Implications for C. difficile

Treatment. Virginia Chapter of American College of Physicians (ACP) Annual Meeting 2020. Accepted.

Publications

1. Katharine Hollnagel, Brent M Johnson, Kelley K Whitmer, **Andrew Hanna**, Thomas K Miller. Prediction of Autograft Hamstring Size for Anterior Cruciate Ligament Reconstruction Using MRI. *Clinical Orthopaedics and Related Research*. 2019: Issue 12, Vol. 477, p. 2677-2684. Published.
2. Andrew Hanna, Katharine Hollnagel, Kelley Whitmer, Christopher John, Brent Johnson, Jonathan Godin, Thomas Miller. Reliability of Magnetic Resonance Imaging Prediction of Anterior Cruciate Ligament Autograft Size and Comparison of Radiologist and Orthopaedic Surgeon Predictions. *Orthopaedic Journal of Sports Medicine*. 2019: Issue 12, Vol. 7. Published.

Lee, Jean

Internal Medicine-Pediatrics, PGY 3

Abstracts & Presentations

1. Hong W, **Lee J**, Jesse D. Metformin Toxicity. American College of Physicians (ACP) Virginia Chapter 2019. Submitted.

Peak, Erica

Internal Medicine-Pediatrics, PGY 3

Abstracts & Presentations

1. Hassouneh R, **Peak E**. Disseminated Gonococcal Infection: An Unusual Presentation. American College of Physicians (ACP) National. Submitted.

Pereira, Karen

Internal Medicine-Pediatrics, PGY 4

Abstracts & Presentations

2. **Pereira K**. Posterior Reversible Encephalopathy Syndrome (PRES) Presses on After Bone Marrow Transplant. American College of Physicians (ACP) Clinical Vignette. Submitted.

3. **Pereira K**, Biel M, Harb C, Jacobstein D, Mathis E, Dutton MA. A Group-Based Mindfulness Intervention for Homeless Mothers with Young Children. *Journal of Clinical Child and Adolescent Psychology (JCCAP) Future Directions Forum 2020*. Washington, DC. Submitted.

Rebhan, Nicholas

Internal Medicine-Pediatrics, PGY 4

Abstracts & Presentations

1. **Rebhan N**. Arrhythmogenic Right Ventricular Cardiomyopathy: Some Things are Forever. American College of Physicians (ACP) National Abstract Competition. Accepted.
2. **Rebhan N**, Thomas R. Improving Procedural Competency of Pediatric Residents in the Emergency Department. VCU Children's Hospital of Richmond Pediatrics QI Day. Accepted.

Publications

1. Michelle Jesse, Marwan Abouljoud, Eric Goldstein, **Nicholas Rebhan**, Chuan-Xing Ho, Taylor Macaulay, Mubera Bebanic, Lina Shkokani, Dilip Moonka, Atsushi Yoshida. Racial Disparities in Patient Selection for Liver Transplantation: An Ongoing Challenge. *Clinical Transplantation*. 2019; Issue 11, Vol. 33. Published.

Thieroff, George

Internal Medicine-Pediatrics, PGY 4

Abstracts & Presentations

1. **Thieroff G**, Syed H, Iden T, Syed A, Le T, Zukas A. Neurosarcoidosis: An Evaluation Based on the Neurosarcoidosis Consortium Consensus Group. American College of Rheumatology (ACR)/Association of Rheumatology Professionals (ARP) Annual Meeting 2019. Accepted.

SUB-SPECIALTY FELLOWS' SCHOLARSHIP

Division of Allergy & Immunology

Khan, Farah

Allergy & Immunology, PGY 4

Abstracts & Presentations

1. **Khan F**, Simonaire J, Klaiber N, Kumar S. Dress To Ten: Is This A Continuum? ACAAI Annual Meeting. Houston. 2019.
2. **Khan F**. A Late Presentation of MPO Deficiency. Poster Presentation. Clinical Immunology Society. Accepted. 2020.

Division of Advanced Heart Failure - Transplant

Butto-Colletti, Cassandra

Advanced Heart Failure-Transplant, PGY 7

Abstracts & Presentations

1. **Buto-Colletti C**. Flattery M. Cell Free DNA Elevation Precedes Allograft Dysfunction In A Patient With Antibody Mediated Rejection. ISHLT 40th Annual Meeting. Accepted.

Division of Cardiology

Doshi, Amar

Cardiology, PGY 5

Abstracts & Presentations

1. **Doshi A**, Tushak Z, Shah K. Increased Cell Free DNA Levels in African American Patients Early after Heart Transplantation. ISHLT.
2. **Doshi A**, Markley R. Electroconvulsive Induced Cardiomyopathy Despite Angiotension Converting Enzyme Inhibitor Use: An Increasing Phenomena. ACC.
3. **Doshi A**, Mitchell B. When Pimple Popping Goes Awry: Effusive-Constrictive Pericarditis In An Immunocompetent Young Men. ACC.

Heizer, Justin

Cardiology, PGY 6

Abstracts & Presentations

1. **Heizer J**, Canada J, Carbone S, Van Tassell B, Arena R, Abbate A. Left Ventricular Concentric Remodeling as a Cause of Impaired Cardiorespiratory Fitness in Patients with Heart Failure and Preserved Ejection Fraction. American Heart Association. November 2019.

Kabach, Mohamad

Interventional Cardiology, PGY 7

Publications

1. Hong W, **Kabach M**, Feldman G, Jovin I. Intravenous Fluids for the Prevention of Contrast-induced Nephropathy in Patients Undergoing Coronary Angiography and Cardiac Catheterization. Expert Review of Cardiovascular Therapy Feb 2020. Published.
2. Chen K, Pino J, Alrifai A, Ramos Tuarez F, **Kabach M**, Donath E, Cubeddu R, Rothenberg M, Lovitz L, Nores, Ghumman W, Chait R. Left Ventricular End-Diastolic Pressure as a Predictor of Outcome in Patients Undergoing Transcatheter Aortic Valve Replacement. Catheterization and Cardiovascular Interventions. Published.

Mankad, Pranav

Cardiology, PGY 6

Publications

1. Tan A, El-Hariff K, Cardona Guarache R, **Mankad P**, O'Quinn M, Ayers O, Joslyn M, Kaszala K, Lin S, Ellenbogen K, Minisi A, Huizar J. Persistent Neural Remodeling and Pro-arrhythmia in a Canine model of Premature Ventricular Contraction-Induced Cardiomyopathy. Journal of the American College of Cardiology 2020 75(1): 1-13. Published.
2. **Mankad P**, Mitchell B, Birnie D, Kron J. Cardiac Sarcoidosis. Current Cardiology Reports 2019 21(152).
3. Hillyard J, **Mankad P**, Ellenbogen K, Padala S. Resolution of Right Bundle Branch Block after a Premature Ventricular Beat: What is the Mechanism? HeartRhythm Case Reports 2019 5(12): 597-599.

Book Chapters

1. **Mankad P**, Kalahasty G. Antiarrhythmic Drugs: Risks and Benefits: Cardiac Arrhythmias: A Compendium 2019: 821-834.

Patel, Jaideep

Cardiology, PGY 5

Abstracts & Presentations

1. **Patel J**. Hypertension Guidelines and Coronary Artery Calcification Among South Asians: Mediators of Atherosclerosis in South Asians Living In America (Masala) and Multi-Ethnic Study of Atherosclerosis (Mesa). ACC.

Schatz, Aaron

Cardiology, PGY 5

Abstracts & Presentations

1. Doshi A, **Schatz A**, et al. Electroconvulsive Therapy Induced Takotsubo Cardiomyopathy Despite ACEi Use: An Increasing Phenomena. ACC.
2. Lee C, **Schatz A**, et al. STEMI and Arterial Thrombi Following Synthetic Marijuana Use. ACC.
3. Lee C, **Schatz A**, et al. Troponin I Elevation in Duchenne Muscular Dystrophy. ACC.
4. Kolominski J, Tushak Z, **Schatz A**, et al. Eosinophilic Granulomatosis with Polyangiitis Presenting as Acute Coronary Syndrome. ACC.
5. Park J, **Schatz A**, et al. A Case of Giant Left Atrium Due to Failed Mitral Valve Annuloplasty. ACC.
6. Tushak Z, Patel J, **Schatz A**, et al. How An Image Can Solve a Case: A Rare Case of Intracardiac Embodi. ACC.

Publications

1. Abbate A, **Schatz A**, et al. Interleukin-1 Blockade Inhibits the Acute Inflammatory Response in Patients with ST-Segment-Elevation Myocardial Infarction. Publication. JAHA 2020 9(5). Published.
2. Kolominisky J, et al. Eosinophilic Granulomatosis with Polyangiitis Presenting as Acute Coronary Syndrome. JACC Case Report 2020.

Vo, Chau

Cardiology, PGY 5

Abstracts & Presentations

1. Van Tassell B, Trankle C, Kadariya D, Canada J, Carbone S, Buckley L, Wohlford G, Dixon D, Christopher S, **Vo C**, Mankad P, Dell M, Shah K, Kontos M, Abbate A. Predictive Role of C-Reactive Protein Levels In Patients With ST-Segment Elevation Acute Myocardial. European Heart Journal. October 2019.
2. Van Tassell B, Trankle C, Kadariya D, Canada J, Carbone S, Buckley L, Wohlford G, Dixon D, Christopher S, **Vo C**, Mankad P, Dell M, Shah K, Kontos M, Abbate A. Predictive Role of C Reactive Protein Levels In Patients With ST-Segment Elevation Acute Myocardial Infarction for Heart Failure Related Events. ECS Congress. August 2019.

Publications

1. Trankle C, **Vo C**, Martin E, Puckett L, Siddiqui M, Brophy D, Stravitz T, Guzman L. Clopidogrel Responsiveness in Patients with Decompensated Cirrhosis of the Liver Undergoing Pre-Transplant PCI. JACC: Cardiovascular Interventions March 2020 13(5): 661 - 663. Published
2. Abbate A, Trankle C, Buckley L, Lipinski M, Appleton D, Kadariya D, Canada J, Carbone S, Roberts C, Abouzaki N, Melchior R, Christopher S, Turlington J, Mueller G, Garnett J, Thomas C, Markley R, Wohlford G, Puckett L, Medina de Chazal H, Chiabrando J, Bressi E, Del Buono M, Schatz A, **Vo C**, Dixon D, Biondi-Zoccai G, Kontos M, Van Tassell B. Interleukin-1 Blockade Inhibits the Acute Inflammatory Response in Patients with ST-Segment-Elevation Myocardial Infarction. Journal of the American Heart Association 2020 9(5).

Division of Clinical Cardiac Electrophysiology

Master, Vivak

Clinical Cardiac Electrophysiology, PGY 8

Publications

1. Garg A, **Master VM**, Ellenbogen KA. A case of recurrent syncope in the setting of paroxysmal AV block. *Circulation*. May 2019

Abstracts & Presentations

1. **Master VM**, Kolominsky J, Teigeler T, Vo C, Garg A, Koneru JN, Kron J, Shepard RK, Kalahasty G, Ellenbogen KA, Padala SK. AV Junction Ablation in Patients with the Conduction System Pacing Leads: A Comparison of His Bundle vs Left Bundle Branch Area Pacing Leads. . Heart Rhythm Society 2020 (Abs).
2. **Master VM**, Garg A, Koneru JN, Kron J, Shepard RK, Kalahasty G, Ellenbogen KA, Padala SK. Improvement in Success Rates of Left Bundle Branch Area Pacing with the New Deflectable Sheath: A Single Center Study. Heart Rhythm Society 2020 (Abs).
3. Padala SK, **Master VM**, Chiocchini A, Garg A, Azizi Z, Koneru JN, Kron J, Shepard RK, Kalahasty G, Tsang B, Khaykin Y, Panaton AA, Ellenbogen KA, Verma A. Initial Experience, Safety And Feasibility Of Conduction System Pacing By Implanting The Lead In Left Bundle Branch Area: A Multicenter Prospective Study. Heart Rhythm Society 2020 (Abs).
4. Garg A, **Master VM**, Koneru JN, Kron J, Shepard RK, Kalahasty G, Ellenbogen KA, Padala SK. Single Center experience of Left Bundle Branch Area pacing in patients with AV Nodal and Infra Nodal Block. Heart Rhythm Society (Abs).
5. Garg A, **Master VM**, Koneru JN, Ellenbogen KA, Padala SK. Coronary Sinus Lead Implantation Through Persistent Vein of Marshall Resulting in a Serious Complication: Beware of Unroofed Coronary Sinus. . Heart Rhythm Society 2020 (Abs).
6. Vo CN, Teigeler TL, Kolominsky J, **Master VM**, Garg A, Shepard RK, Kalahasty G, Kron J, Koneru JN, Ellenbogen KA, Padala SK. Electrocardiographic Morphology During Follow-up In Patients With

His Bundle Pacing: A Single Center Study. Heart Rhythm Society 2020 (Abs).

7. Teigeler TL, Kolominsky J, Vo CN, **Master VM**, Garg A, Shepard RK, Kalahasty G, Kron J, Koneru JN, Ellenbogen KA, Padala SK. Intermediate Term Performance and Safety of His Bundle Pacing Leads: A Single Center Experience. Heart Rhythm Society 2020 (Abs).
8. Teigeler TL, Kolominsky J, Vo CN, **Master VM**, Garg A, Shepard RK, Kalahasty G, Kron J, Koneru JN, Ellenbogen KA, Padala SK. Success Rates Of His Bundle Pacing Lead Implantation: A Single Center Experience. Heart Rhythm Society. Heart Rhythm Society 2020 (Abs).
9. Kolominsky J, Teigeler TL, Vo CN, **Master VM**, Garg A, Shepard RK, Kalahasty G, Kron J, Koneru JN, Ellenbogen KA, Padala SK. Intermediate-Term Clinical Outcomes of His Bundle Pacing: A Single Center Experience. Heart Rhythm Society 2020 (Abs).
10. Dandamudi G, Cano O, Simon J, **Master VM**, Schaller R, Sharma PS, Koruth J, Kean A, Naperkowski A, Ellenbogen KA, Kron J, Vijaraman P. 2020. Circ Arrhythmia and Electrophysiology
11. Garg A, **Master VM**, Ellenbogen KA, Padala SK. Painful Left Bundle Branch Block Syndrome Successfully Treated with Left Bundle Branch Area Pacing. March 2020. JACC: Case Reports. DOI: 10.1016/j.jaccas.2019.11.081
12. **Master VM**. Delayed trouble after AF ablation. Tampa FL. Meet the Masters EP Conference. 01/2020 - Oral Case Presentation

Aatish Garg, MD

Clinical Cardiac Electrophysiology, PGY 8

Publications

1. **Garg A**, Master V, Ellenbogen KA. A Case of Recurrent Syncope. Accepted for publication in Circulation, May 2020.
2. **Garg A**, Master V, Ellenbogen KA, Padala SK. Painful Left Bundle Branch Block Syndrome Successfully Treated With Left Bundle Branch Area Pacing. J Am Coll Cardiol (JACC) Case Rep. 2020 Apr, 2 (4) 568-571.
3. **Garg A**, Syed H, Padala SK, Ellenbogen KA, Kron J. Resolution of new left bundle branch block and ventricular tachycardia with

immunosuppressive therapy in a patient with cardiac sarcoidosis. *HeartRhythm Case Rep.* 2019;5(7):388-391. Published 2019 Apr 29. doi:10.1016/j.hrcr.2019.04.006.

4. **Garg A**, Koneru JN, Fagan D, Stromberg K, Padala SK, El-Chami MF, Roberts PR, Piccini JP, Cheng A, Ellenbogen KA. Morbidity and mortality in patients precluded for transvenous pacemaker implantation: Experience with the Micra transcatheter pacemaker: Under review: *Journal of American College of Cardiology*.
5. Padala S, Master V, Terricabras M, **Garg A**, Koneru JN, Kron J, Shepard R, Kalahasty G, Chiocchini A, Azizi Z, Tsang B, Khaykin Y, Pantano A, Ellenbogen KA, Verma A. Initial Experience, Safety and Feasibility of Conduction System Pacing by Implanting the Lead in Left Bundle Branch Area: A Multicenter Prospective Study. Submitted: *JACC EP*.
6. **Garg A**, Koneru JN, Fagan D, Stromberg K, El-Chami MF, Piccini JP, Roberts PR, Soejima K, Cheng A, Ellenbogen KA. Morbidity and mortality in patients precluded for transvenous pacemaker implantation: experience with the Micra transcatheter pacemaker. Oral presentation - European Society of Cardiology, 2019, Paris, France.

Abstracts & Presentations

1. **Garg A**, Master V, Kalahasty G, Koneru JN, Kron J, Shepard RK, Ellenbogen KA, Padala SK. Single Center experience of Left Bundle Branch Area pacing in patients with AV Nodal and Bundle Branch Block Patients. Awarded Travel scholarship for Physiology of Pacing symposium Chicago, 2019 and Poster presentation.
2. **Aatish Garg**, Vivak Master, Kenneth A. Ellenbogen and Santosh K. Padala. Two consecutive cases of painful left bundle branch syndrome successfully treated with left bundle branch area pacing. Poster presentation: Physiology of Pacing symposium, Chicago 2019.
3. **Aatish Garg**, Rajiv Kabadi, Kenneth A Ellenbogen, Santosh K. Padala. Successful Resynchronization with Left Bundle Branch Pacing in an Inotrope Dependent Patient with LBBB. Poster presentation: HRS 2020.

4. **Aatish Garg**, Jayanthi N. Koneru MD, Kenneth A. Ellenbogen, Santosh K. Padala Coronary Sinus Lead Implantation through Persistent Vein of Marshall Resulting in a Serious Complication: Beware of Unroofed Coronary Sinus. Poster presentation: HRS 2020.
5. Vo CN, Teigeler TL, Kolominsky J, Master VM, **Garg A**, Shepard RK, Kalahasty G, Kron J, Koneru JN, Ellenbogen KA, Padala SK. Electrocardiographic Morphology during Follow-up In Patients With His Bundle Pacing: A Single Center Study. Poster presentation: HRS 2020.
6. Master VM, Kolominsky J, Teigeler TL, Vo CN, **Garg A**, Koneru JN, Kron J, Shepard RK, Kalahasty G, Ellenbogen KA, Padala SK. AV Junction Ablation In Patients With The Conduction System Pacing Leads: A Comparison Of His Bundle Vs Left Bundle Branch Area Pacing Leads. Poster presentation: HRS 2020.
7. Padala S, Master V, Terricabras M, **Garg A**, Koneru JN, Kron J, Shepard R, Kalahasty G, Chiochini A, Azizi Z, Tsang B, Khaykin Y, Pantano A, Ellenbogen KA, Verma A Initial Experience, Safety And Feasibility Of Conduction System Pacing By Implanting The Lead In Left Bundle Branch Area: A Multicenter Prospective Study. Poster presentation: HRS 2020.

Division of Endocrinology

Martinez Quintero, Beatriz

Endocrinology, PGY 4

Publications

1. **Martinez Quintero B**, Yazbeck C. Pituitary Hyperplasia Secondary to Primary Hypothyroidism. Clinical Case Reports.

Bedoya, Pablo

Endocrinology, PGY 5

Publications

1. Stamatouli, A, Bedoya P, Yavuz S. Hypothyroidism: Cardiovascular Endpoints of Thyroid Hormone Replacement. *Frontiers in Endocrinology* 10 (2020): 8

Division of Gastroenterology, Hepatology and Nutrition

Allawy, Allawy

Gastroenterology, PGY 5F

Publications

1. Kumar A, Davuluri G, Welch N, Kim A, Gangadhariah M, **Allawy A**, Priyadarshini A, McMullen MR, Sandlers Y, Willard B, Hoppel CL, Nagy LE, Dasarathy S. Oxidative stress mediates ethanol-induced skeletal muscle mitochondrial dysfunction and dysregulated protein synthesis and autophagy.

Banini, Bubu

Transplant Hepatology, PGY 7

Abstracts & Presentations

1. **Banini B**, Patel S, Bailey C, Luketic V, Shadab M, Stravitz R, Patel V, Matherly S, Lee H, Lewis S, Driscoll C, Cherian R, Sanyal A, Sterling R. Transient Elastography and FIB-4 Identify Portal Hypertension in Patients with Chronic Liver Disease. Poster Presentation. American Association for the Study of Liver Diseases. November 2019.

Publications

1. Carr R, Romecin Duran P, Tolosa E, Ma C, Oseini A, Moser C, **Banini B**, Huang J, Asumda F, Dhanasekaran R, Graham R, Toruner M, Safgren S, Almada L, Wang S, Patnaik M, Roberts L, Fernandez-Zapico M. The Extracellular Sulfatase SULF2 Promotes Liver Tumorigenesis By Stimulating Assembly of a Promoter-Looping GLI1-STAT3 Transcriptional Complex. The Journal of Biological Chemistry February 2020 295(9): 2698-2712. Published.
2. Lee H, **Banini B**. Updates on Chronic HBV: Current Challenges and Future Goals. Current Treatment Options in Gastroenterology June 2019 17(2): 271-291. Published.
3. **Banini B**, Cazanave S, Yates K, Asgharpour A, Vincent R, Mirshahi F, Le P, Contos M, Tonoascia J, Chalasani N, Kowdley K, McCullough A, Behling C, Schwimmer J, Lavine J, Sanyal A. Haptoglobin 2 Allele is Associated with Histologic Response to Vitamin E in Subjects with

Nonalcoholic Steatohepatitis. Journal of Clinical Gastroenterology November 2019 53(10): 750-758. Published.

4. **Banini B**, Sanyal A. The Use of Cell Free DNA in the Diagnosis of HCC. Hepatoma Research 2019 5(34). Published.
5. **Banini BA**; Alwatari Y; Stovall M; Ogden N; Gershman E; Shah R; Strife BJ; Shojaee S; Sterling RK. Multidisciplinary Management of Hepatic Hydrothorax in 2020: An Evidence-Based Review and Guidance. Hepatology 2020. Submitted.
6. Beaudoin JJ, Liang T, Tang Q, **Banini BA**, Shah VH, Sanyal AJ, Chalasani NP, Gawrieh S. Role of Candidate Gene Variants in Modulating the Risk and Severity of Alcoholic Hepatitis. Hepatology Communications 2020. Submitted.
7. **Banini BA**, Kumar DP, Cazanave S, Seneshaw M, Mirshahi F, Santhekadur PK, Wang L, Guan HP, Oseini A, Alonso C, Bedossa P, Koduru SV, Min H, Sanyal AJ. Acceleration of steatohepatitis in a murine model reveals pleotropic mechanisms by which mutant PNPLA3 promotes NASH. Journal of Hepatology 2020. Submitted.
8. Kim T, **Banini BA**, Asumda F, Hu C, Moser C, Shire A, Han S, Ma C, Krishnan A, Mounajjed T, White T, Gores G, LeBrasseur N, Charlton M, Roberts LR. Knockout of Sulfatase 2 is associated with decreased steatohepatitis and fibrosis in a mouse model of nonalcoholic fatty liver disease. American Journal of Physiology- Gastrointestinal and Liver Physiology 2020. Submitted.

Henry, George

Gastroenterology, PGY 6

Abstracts & Presentations

1. **Henry G**. Not All Diverticular Bleeds Are Colonic: A Rare Case of Zenker's Diverticulum Bleeding and Endoscopic Treatment. American College of Gastroenterology National Conference. Accepted.
2. **Henry G**. Too Much TAE: A Case of Tumor Lysis Syndrome after Repeat Transarterial Embolization of Hepatocellular Carcinoma. American College of Gastroenterology National Conference. Accepted.
3. **Henry G**. High Rates of Young-Onset Colorectal Cancer Incidence and Mortality In An Urban Tertiary Referral Center: A Case for Earlier

Screening Colonoscopy. American College of Gastroenterology National Conference. Accepted.

Nadhem, Omar

Gastroenterology, PGY 5

Abstracts & Presentations

1. **Nadhem O**, Spataro J, Gaidos J. Risk of Complications with Immunosuppressive Therapy in Elderly IBD. Poster Presentation. ACG 2019 Annual Scientific Meeting.

Redman, Joseph

Gastroenterology, PGY 6

Abstracts & Presentations

1. **Redman J**, Saraireh H, Bajaj J. Multi-Modal Training of Specialty Clinical Trainees Significantly Improves the Detection and Resultant Interventions for Alcohol Use Disorder. Poster Presentation. Digestive Disease Week. May 2020.

Publications

1. **Redman J**, Sterling R. Non-Invasive Assessment of Liver Fibrosis. Current Treatment Options in Gastroenterology 2020. Published.
2. Saraireh H, **Redman J**, Bajaj J. Multi-Modal Training of Specialty Clinical Trainees Significantly Improves the Detection and Resultant Interventions for Alcohol Use Disorder. Clinical Gastroenterology and Hepatology 2020. Submitted.
3. **Redman J**, Kaspar M, Puri P. Implications of Pre-Transplant Sarcopenia and Frailty in Patients with Non-Alcoholic Steatohepatitis and Alcoholic Liver Disease. Translational Gastroenterology and Hepatology 2020. Submitted.

Reuter, Bradley

Gastroenterology, PGY 4

Publications

1. **Reuter B**, Bajaj J. Microbiome: Emerging Concepts in Patients with Chronic Liver Disease. Clinics in Liver Disease 2020. Accepted.

2. Wong F, Bajaj J, **Reuter B**, et al. Cirrhotic Patient Outcome Prediction using North American Versus European Definition for Acute-on-Chronic Liver Failure. *Gastroenterology* 2020. Submitted.
3. Shaw J, Patidar K, **Reuter B**, Hejazifar N, Dharel N, Bajaj J. Focused Education Increases Hepatocellular Cancer Screening in Patients with Cirrhosis Regardless of Functional Health Literacy. *Hepatology Communications* 2020. Submitted.

Saraireh, Hamzeh

Gastroenterology, PGY 5

Abstracts & Presentations

1. **Saraireh H**, Mangray S, Solomon C, Gilles H, Fuchs M, John B, Bajaj J. Multi-Modal Training of Specialty Clinical Trainees Significantly Improves the Detection and Resultant Interventions for Alcohol Use Disorder. Oral Presentation. Digestive Disease Week. May 2020. Accepted.
2. **Saraireh, H**. Diagnostic Yield of Two Endoscopic Ultrasound-Guided Liver Biopsy Techniques (“Wet Saline” and “Wet Heparin”) for Parenchymal Liver Disease. Poster Presentation. Digestive Disease Week. May 2020. Accepted.

Publications

1. **Saraireh H**. Multi-Modal Training of Specialty Clinical Trainees Significantly Improves the Detection and Resultant Interventions for Alcohol Use Disorder. *Clinical Gastroenterology and Hepatology*. Submitted.
2. **Saraireh H**. Pre-Existing Opioid Use Disorder is Associated with Poor Outcomes in Hospitalized Acute Pancreatitis Patients. *Digestive Diseases and Sciences*. Submitted.

Spataro, Joseph

Gastroenterology, PGY 5

Abstracts & Publications

1. Nadhem O, **Spataro J**, Kang L, Gaidos J. No Increased in Odds for Infection or Malignancy When Treating to Disease Severity in Elderly

IBD Patients. American College of Gastroenterology. October 2019. Accepted.

2. **Spataro J**, Gandhi K, Singh M, Morris A, Lemmons J, Paca E, Shah T, Mutha P, Gilles H, Bajaj J, Khan R, Lippman R, Fuchs M, Puri P. Magnetic Resonance Elastography and FIB-4 are Superior to Vibration Controlled Transient Elastography for Diagnosing Advanced Fibrosis and Cirrhosis in Veterans with Biopsy Proven NAFLD. The Liver Meeting. November 2019. Accepted.

Syed, Taseen

Gastroenterology, PGY 4

Abstracts & Presentations

1. **Syed T**, Lewis S, Cheerian R, Sterling R. Telemedicine HCV Treatment in Department of Corrections Results in High SVR in Era of Direct-Acting Antivirals. Oral Presentation. DDW.

Division of Hematology and Oncology

Al-Juhaishi, Taha

Hematology Oncology, PGY 6

Abstracts & Presentations

1. Mei L, **Al-Juhaishi T**, Paul A. CNS metastases in prostate cancer: an analysis of SEER database. 2019 AACR Annual Meeting. Poster presentation. April 2019.
2. **Al-Juhaishi T**, Khurana A, McKay J, Barrett J, Hackney MH. Clinical trial enrollment by oncology fellows' continuity clinics: A pilot study. 2019 Virginia Clinical Research Conference. Poster presentation. April 2019.
3. **Al-Juhaishi T**, Khurana A, Shafer D, Yazbeck V. Impact of primary organ site on prognosis in extranodal peripheral T cell lymphoma not otherwise specified. 2019 AACR Annual Meeting. Poster presentation. April 2019.
4. **Al-Juhaishi T**, Khurana A, Shafer D, Yazbeck V. Impact of Histologic Type on Survival in Primary Parotid Lymphomas. 2019 ASH Annual Meeting. Online publication. November 2019.

5. McKay J, Gayhart M, **Al-Juhaishi T**, Yazbeck V, Perkins E. Venetoclax and Cytarabine in AML Transformed from Myelofibrosis. 2019 ASH Annual Meeting. Online publication. November 2019.
6. Khurana A, **Al-Juhaishi T**, Yazbeck V. Primary Ocular Lymphoma: A SEER Database Analysis of Patterns of Involvement and Outcomes. 2019 ASH Annual Meeting. Poster presentation. December 2019.

Publications

1. Alder L, **Al-Juhaishi T**, Smith SC, Paul AK. Testicular Swelling as an Initial Presentation of a Patient with Metastatic Gastric Cancer. Fed Pract. 2019 May;36(Suppl 3):S26-S28.
2. **Al-Juhaishi T**, Yazbeck V. Choosing the right pharmacotherapy for non-Hodgkin's lymphoma: does one size fit all? Expert Opin Pharmacother. 2019 May;20(7):773-775. doi: 10.1080/14656566.2019.1582643.
3. Mei L, Khurana A, **Al-Juhaishi T**, Faber A, Celi F, Smith S, Boikos S. Prognostic Factors of Malignant Pheochromocytoma and Paraganglioma: A Combined SEER and TCGA Databases Review. Hormone and Metabolic Research July 2019.
4. Sindel A, **Al-Juhaishi T**, Yazbeck V. Marginal Zone Lymphoma: State of the Art Treatment. Current Treatment Options in Oncology Dec 2019.
5. **Al-Juhaishi T**, McKay J, Sindel A, Yazbeck V. Perspectives on Chemotherapy for the Management of Double Hit Lymphoma. Expert Opinion on Pharmacotherapy Feb 2020.

Graupner, Scott

Hematology Oncology, PGY 6

Abstracts & Presentations

1. **Graupner S**, Labdie B. BMI, irAE and Gene Expression Signatures Associate with Resistance to Immune-Checkpoint Inhibition and Outcomes in Renal Cell Carcinoma. Society of Immunotherapy in Cancer. November 2019.

Publications

1. Alder L, **Graupner S**, Yazbeck V, et al. Case of a CD3 Negative Hepatosplenic T-Cell Lymphoma: Diagnostic and Therapeutic Challenges. Case Reports in Hematology. June 2019.

McKay, John

Hematology Oncology, PGY 5

Abstracts & Presentations

1. Al-Juhaishi T, Khurana A, **McKay J**, Barrett J, Hackney MH. Clinical trial enrollment by oncology fellows' continuity clinics: A pilot study. 2019 Virginia Clinical Research Conference. Poster presentation. April 2019.
2. **McKay J**, Gayhart M, Al-Juhaishi T, Yazbeck V, Perkins E. Venetoclax and Cytarabine in AML Transformed from Myelofibrosis. 2019 ASH Annual Meeting. Online publication. November 2019.

Publications

1. Al-Juhaishi T, **McKay J**, Sindel A, Yazbeck V. Perspectives on Chemotherapy for the Management of Double Hit Lymphoma. Expert Opinion on Pharmacotherapy Feb 2020.

Ng, Hank

Hematology Oncology, PGY 5

Publications

1. Prospective evaluation of drug-drug interactions in ambulatory cancer patients initiated on prophylactic anticoagulation. **Ng H**, Rogala B, Ades S, Schwartz I, Ashikaga T, Vacek P, and Holmes C. Journal of Oncology Pharmacy Practice. February 20, 2020.

Sindel, Ariel

Hematology Oncology, PGY 4

Awards & Honors

1. Scholar's Prize Award. VCU Department of Internal Medicine. June 2019.

2. **Sindel A**, Al-Juhaishi T, Yazbeck V. Marginal Zone Lymphoma: State of the Art Treatment. Current Treatment Options in Oncology Dec 2019.
3. Al-Juhaishi T, McKay J, **Sindel A**, Yazbeck V. Perspectives on Chemotherapy for the Management of Double Hit Lymphoma. Expert Opinion on Pharmacotherapy Feb 2020.

Sing, Kevin

Hematology Oncology, PGY 5

Abstracts & Presentations

1. **Sing, K.** Effect of Weight, Obesity and Other Co-Morbidities on Mortality of Colon Cancer Patients. ASCO GI. January 2020.

Division of Hematology Oncology - Hospice and Palliative Care

Couture, Leah

Hospice & Palliative Care, PGY 4

Book Chapters

1. **Couture L**, Noreika D. Pain in Patients with Alcohol and Drug Dependence. Textbook of Palliative Medicine and Supportive Care. CRC Press.

West, Sarah

Hospice & Palliative Care, PGY 4

Abstracts & Presentations

1. **West S.** "I Play One on Television": A Case for Palliative Telemedicine. American Academy of Hospice and Palliative Medicine. Accepted.

Zelensky, Paul

Hospice & Palliative Care, PGY 4

Abstracts & Presentations

1. **Zelensky, P.** How Much Is Too Much? Palliative Care Considerations in Chronic Mental Illness. American Association of Hospice and Palliative Medicine. Accepted.

Division of Infectious Disease

Bailey, Pamela

Infectious Disease Research, PGY 6

Abstracts & Presentations

1. Ruslan R, **Bailey P**, Sastry S. A lung mass caused by *Nocardia beijingensis* in an immunocompetent adult. Accepted for presentation: 23 April 2020, American College of Physicians 2020, Los Angeles, California.
2. Muto C, MS, **Bailey P**, Rittmann B, Patrick A, Hess O, Cooper K, Pryor R, Stevens MP, Doll M, Bearman G. Accuracy of the NHSN Central Line Associated Bloodstream Infection Definition: The Experience of Two Geographically Proximal Academic Medical Centers. Accepted for presentation 27 March 2020 at Society of Hospital Epidemiology Decennial 2020/6th International Conference on Healthcare Associated Infections, Atlanta, Georgia.
3. **Bailey P**, Hess O, Pryor R, Armstrong-Novak J, Auricchio J, Cooper K, Pryor R, Godbout E, Stevens MP, Bearman G, Doll M. Can you see me now?: Medical Device Radiofrequency Interference with Hand Hygiene Technology. Presented 21-23 February 2020 at International Conference on Infectious Diseases, Kuala Lumpur, Malaysia.
4. **Bailey P**, Hess O, Pryor R, Armstrong-Novak J, Cooper K, Pryor R, Godbout E, Stevens MP, Bearman G, Doll M. Buyer Beware: Hidden Costs in Deployment of Automated Hand Hygiene Technology. Accepted for presentation 21-23 February 2020 at International Conference on Infectious Diseases, Kuala Lumpur, Malaysia, delayed due to COVID-19.
5. Doll M, **Bailey P**, LeSane L, Godbout E, Stevens MP, Bearman G. The Neglected Wrists Under White Coats: An Achilles Heel for Hand Hygiene? Accepted for presentation 21-23 February 2020 at International Conference on Infectious Diseases, Kuala Lumpur, Malaysia, delayed due to COVID-19.
6. **Bailey P**, Downs JW, Cumpston KL, Stevens MP. Sepsis or Loxoscelism?: A Clinical Conundrum presenting outside of *Loxosceles reclusa* geographic area. Accepted for presentation 21-23 February 2020

at International Conference on Infectious Diseases, Kuala Lumpur, Malaysia, delayed due to COVID-19.

7. **Bailey P**, Doern C. Evaluating the Predictive Value of Blood Culture Bottle Reporting for Coagulase-Negative Staphylococci Positive Cultures: Assessing Contamination versus True Bacteremia. Presented 3 October 2019 at IDWeek 2019, Washington DC.
8. **Bailey P**, Kamoiro T, Nkoitoi D, Sankok J, Hoag K, Hoag T, Doern C. Brucellosis in Rural Narok County, Kenya: A Retrospective Review. Presented 4 October 2019 at IDWeek 2019, Washington DC.

Publications

1. **Bailey P** and Wenzel RP. Nonpharmaceutical interventions for COVID-19. Guidelines for the International Society of Infectious Diseases. In process.
2. **Bailey P**, Edmond M, Stevens MP. Chapter 47. Public Reporting of Healthcare-Associated Infection Rates. *Jarvis Bennet & Brachman's Hospital Infections*, 7th edition. In process.
3. Sastry S, Pryor R, Raybould JE, Reznicek J, Cooper K, Patrick A, Knowlson S, **Bailey P**, Godbout E, Doll M, Stevens MP, Bearman G. Universal Screening for SARS-CoV-2 on Hospital Admission. Submitted to *Infection Control and Hospital Epidemiology*.
4. **Bailey P**, Hess OCR, Cooper K, Vokes R, Sastry S, Gibson S, Goodloe L, Doll M, Stevens MP, Bearman G. Hospital Incident Command System: Understanding Barriers and Perceptions of Virginia Commonwealth University Healthcare System's Response to COVID-19. Submitted to *Disaster Medicine and Public Health*.
5. Doll M, Pryor R, Mackey D, Doern C, Bryson A, **Bailey P**, Cooper K, Godbout E, Stevens MP, Bearman G. Utility of Re-testing for Diagnosis of SARS-CoV-2/COVID-19 in Hospitalized Patients: Impact of the Interval between Tests. *Infection Control and Hospital Epidemiology*. 2020. DOI: <https://doi.org/10.1017/ice.2020.224>
6. Rosenberg A, **Bailey P**, Rigamer M, Levy M. HIV associated aortitis causing rapid development of an abdominal aortic aneurysm. *The Annals of Vascular Surgery*. 2020; 1: e1-5.
7. **Bailey P** and Bearman G. Non-medical exemption of vaccination poses a looming threat to Virginia. *Richmond Times Dispatch*. 2020 January 6.

Emberger, Jennifer

Infectious Disease, PGY 7

Abstracts & Presentations

1. Virtual Antimicrobial Stewardship Research Symposium, Stewardship Interest Group of Virginia. Oral Presentation: Evaluation of the Management of Skin and Soft Tissue Infections in the Inpatient Setting. Richmond, VA, June 2019.

Publications

1. **Emberger J**, Hitchcock M, Markley JD. Diagnostic Stewardship Approaches to *Clostridioides difficile* Infection in the Era of Two-Step Testing: A Shifting Landscape. *Curr Treat Options Infect Dis*. 2020.

Pan, Jonathan

Infectious Disease, PGY 5

Book Chapter

1. **Pan, JK**. “Staphylococcus aureus Skin Infections.” *Musculoskeletal Infections a Clinical Case Book*, edited by Julie Reznicek, Paul Perdue, and Gonzalo Bearman, Springer International Publishing, 2020, pp 203-215

Pierce, Jacob

Infectious Disease, PGY 4

Publications

1. Kirk A, **Pierce J**, Doll M, et al. The Effectiveness of Formulary Restriction and Preauthorization at an Academic Medical Center. *American Journal of Infection Control* 2019. Accepted.
2. Kirk A, **Pierce J**, Doll M, et al. Effect of Carbapenem on Prescribing Trends for Immunocompromised Wards at an Academic Medical Center. *American Journal of Infection Control*. Accepted.
3. **Pierce, J**, Kirk, A, Lee, K, Markley, J, Pakyz, Bearman, G, Doll, M, Stevens, M. The Impact of Formulary Restriction on the Relative Consumption of Carbapenems in ICUs at an Academic Medical Center. *Infection Control and Hospital Epidemiology* 2019 Sep;40(9):1056-1058. doi: 10.1017/ice.2019.170
4. **Pierce, J**, Apisarnthanarak, A, Schellack, N, Cornistein, W, Maani, A, Adnan, S, & Stevens, MP. (2020). *Global Antimicrobial Stewardship*

with a Focus on Low- and Middle-Income Countries. *International Journal of Infectious Diseases*, 96, 621–629.
<https://doi.org/10.1016/j.ijid.2020.05.126>

Vissichelli, Nicole

Infectious Disease, PGY 4

Abstracts & Presentations

1. **Vissichelli N**, Stevens M. Antibiotics in the Pipeline for Treatment of Infections Due To Gram-Negative Organisms. Poster Presentation. VCU Health System's Fourth Annual Infection Prevention Conference. September 2019. Accepted.
2. **Vissichelli N**, Bailey P, Sabo R, Tassone D, Vaughan L, Stevens M, Markley J. Variation in a Novel Antipseudomonal Antimicrobial Consumption Metric Across Hospital Inpatient Units at a Veteran Affairs Hospital. Poster Presentation. VCU Health System's Fourth Annual Infection Prevention Conference. September 2019.

Publications

1. **Vissichelli NC**, Roberts CH, Miller K, McCarty JM, Stevens MP, & De La Cruz O. Bronchoalveolar lavage to evaluate new pulmonary infiltrates in allogeneic hematopoietic stem cell transplant recipients: Impact on antimicrobial de-escalation. *Infection Prevention In Practice*. December 2019; 1: 3-4.
2. Krieger E, **Vissichelli N**, Leichtle S, Kashioris M, Sabo R, Brophy D, Wang XY, Kimbal B, Neale M, Serrano MG, Buck GA, Roberts C, Qayyum R, Nixon D, Grossman S, & Toor AA. Immunological determinants of clinical outcomes in COVID-19: A quantitative perspective. *Frontiers in Immunology*. Under Review.
3. Sann KZ, **Vissichelli NC**, Bryson A, Doern C, Mochel MC, Bearman G, & Sastry S. Diffuse skin nodules in an oyster farmer: Disseminated *Mycobacterium marinum*. *American Journal of Medicine*. Under Review.
4. Leichtle SW, Kashioris M, Krieger E, **Vissichelli N**, Brophy D, Wang XY, Sabo R, Buck GA, Kimbal P, Neale M, Serrano MG, Roberts C, Grossman S, Nixon D, and Toor A. Hypothesis: Individual

immunologic responses determine the clinical outcomes of COVID-19 infection. The Lancet. Under Review.

5. Zhang X, **Vissichelli NC**, Fowler A, Rocawich K, Grossman C, Leichtle S, Perelas A, L'Heureux M, & Kashiouris M. Use of Thromboelastography for Management of COVID-19 Coagulation Abnormalities: Case Reports. Critical Care Medicine. Under review.

Division of Nephrology

Bean, Katie

Nephrology, PGY 5

Publications

1. **Bean KV**, Massey HD, Gupta G. Mediators of Inflammation: Complement. Henry's Clinical Diagnosis and Management by Laboratory Methods, 24th Ed. [Publication in press]

Abstracts & Presentations

1. **Bean KV**, Gipson GT, Kidd JM. "ADH: You Don't Know What You've Got Til It's Gone". Submitted to ASN Kidney Week 2019. Published in ASN Abstract supplement of JASN.

Chachar, Atiya

Nephrology, PGY 4

Abstracts & Presentations

1. **Chachar A**, Moinuddin I, Kumar D. Unusual Case of Nocardial Brain Abscess a Decade After Renal Transplant. Presented at National Kidney Foundation Annual Meeting 2020.

Memon, Waqas

Nephrology, PGY 4

Abstracts & Presentations

1. GT Gipson, **W Memon**, MG Kashiouris, B Fisher, MJ L'Heureux, SW Leichtle, KB Kashani, V Velagapudi, AA Fowler III. Short term kidney safety of high-dose intravenous vitamin C: a post-hoc analysis of the CITRIS-ALI trial. Presented at American Thoracic Society Annual Meeting 2020.

Division of Pulmonary Disease and Critical Care

Baxter, Katlyn

Pulmonary Critical Care, PGY 5

Abstracts & Presentations

1. **Baxter K**, Kashiouris M, Qayyum R, Masters H, et al. Changes in the Hospital Medicine Service (HMS) Admitting Practices Decreased the Medical Intensive Care Unit (ICU) Boarding Time and Hospital Length of Stay. Accepted for poster presentation. ATS international conference. May 2020.

Publications

1. **Baxter K**, Petz C, Middleton J, Chan M. Re-thinking how we teach quality improvement: Adding Meaning to an ACGME Requirement. *J Gen Intern Med*. 2019 Aug;34(8):1662-1667. doi: 10.1007/s11606-019-05059-7. Epub 2019 Jun 13. Published.

Crowley, Niall

Pulmonary Critical Care, PGY 6

Abstracts & Publications

1. **Crowley N**. Retrospective Review of Patient and Health System Benefits of Omalizumab in the Richmond VA Medical Center. Poster Presentation. *CHEST*. October 2019.

Gershman, Evgeni

Interventional Pulmonology, PGY 7

Publications

1. **E. Gershman**, R. Guthrie, K. Swiatek, S. Shojaee. Management of hemoptysis in patients with lung cancer. *Ann Transl Med*. 2019 Aug;7(15):358. doi: 10.21037/atm.2019.04.91. Published

2. **E. Gershman**, S. Shojaee. The Right Study Design for the Right Study Question. *J Bronchology Interv Pulmonol*. 2020 Apr;27(2):75-76. doi: 10.1097/LBR.0000000000000661. Published
3. Mytinger A, Taylor T, **E. Gershman**, Shojaee S. Recommended Reading from the Virginia Commonwealth Pulmonary/Critical Care and Interventional Pulmonary Fellows. *Am J Respir Crit Care Med*. 2020 May 18. doi: 10.1164/rccm.202003-0599RR. Published
4. B. Banini, Y. Alwatari, M. Stovall, N. Ogden, **E. Gershman**, R. Shah, B. Strife, S. Shojaee, R. Sterling. Multidisciplinary Management of Hepatic Hydrothorax in 2020: An Evidence-Based Review and Guidance. Revision submitted to *Hepatology*. Under review.
5. **Gershman E**, Kramer MR. "Transbronchial Cryobiopsy Success With "Gentle Ice". *J Bronchology Interv Pulmonol*. 2019 Oct;26(4):e44.

Guthrie, Rachel

Pulmonary Critical Care, PGY 6

Abstracts & Presentations

1. **Guthrie R**. Chronic Cough: Common Complaint with an Uncommon Diagnosis. Poster Presentation. American College of Chest Physicians. October 2019.

Publications

1. E. Gershman, **R. Guthrie**, K. Swiatek, S. Shojaee. Management of hemoptysis in patients with lung cancer. *Ann Transl Med*. 2019 Aug;7(15):358. doi: 10.21037/atm.2019.04.91. Published
2. Grinnan D, **Guthrie R**, L'Heureux M, Swiatek K. Beyond the Blue: What Fellows are Reading in Other Journals; Pulmonary Hypertension: Advances in Risk Assessment and Emerging Procedures. *AJRCCM* 2020. Accepted for publication.

L'Heureux, Michael

Pulmonary Critical Care PGY 5

Abstracts and Presentations

1. **L'Heureux M**, Grinnan D. "Holey Heart: Fistulizing Staphylococcal Endocarditis." Poster Presentation. CHEST. October 2019

Publications

1. Kashiouris, M.G.; **L'Heureux, M.**; Cable, C.A.; Fisher, B.J.; Leichtle, S.W.; III, A.A.F. The Emerging Role of Vitamin C as a Treatment for Sepsis. *Nutrients* **2020**, *12*, 292.
2. **L'Heureux, M.**, Sternberg, M., Brath, L. *et al.* Sepsis-Induced Cardiomyopathy: a Comprehensive Review. *Curr Cardiol Rep* *22*, 35 (2020). <https://doi.org/10.1007/s11886-020-01277-2>
3. Grinnan D, Guthrie R, **L'Heureux M**, Swiatek K. Beyond the Blue: What Fellows are Reading in Other Journals; Pulmonary Hypertension: Advances in Risk Assessment and Emerging Procedures. *AJRCCM* 2020. Accepted for publication.

Murney, Sean

Pulmonary Critical Care, PGY6

Abstracts and Presentations

1. **Murney S**, Radchenko C, Shepherd R. Unrelenting Tracheobronchial Stenosis in Relapsing Polychondritis. Thematic Poster. ATS, May 2018.
2. **Murney S**, Syed A, Doern C. Pneumonia Pathogen Identification in Bronchoalveolar Fluid: Use of a Multiplex PCR Test Compared with Bedside Plating. Poster Presentation, Abstract Accepted. ATS, May 2020.

Mytinger, Andrea

Pulmonary Critical Care, PGY 5

Abstracts & Presentations

1. **Mytinger A**. Tricuspid and Pulmonary Valves Resembling Carcinoid Heart Disease in Methamphetamine-Associated Pulmonary Arterial Hypertension. Poster Presentation. CHEST. October 2019.

2. **Mytinger A.** Amiodarone-Induced Pneumonitis: Wait and C. Poster Presentation. CHEST. October 2019.

Publications

1. **Mytinger A,** Taylor T, E. Gershman, Shojaee S. Recommended Reading from the Virginia Commonwealth Pulmonary/Critical Care and Interventional Pulmonary Fellows. *Am J Respir Crit Care Med.* 2020 May 18. doi: 10.1164/rccm.202003-0599RR. Published

Swank, Zulma

Pulmonary Critical Care, PGY4

Publications

1. Liu H., Osterburg A., Flury J., **Swank Z.** MAPK Mutations and Cigarette Smoke Promote the Pathogenesis of Pulmonary Langerhans Cell Histiocytosis. *JCI Insight.* 2020; 5(4): e132048. doi.org/10.1172/jci.insight.132048. Published
2. Cooley J,...**Swank Z,** Baughman R, Benzaquen S. Safety of Performing Transbronchial Lung Cryobiopsy on Hospitalized Patients with Interstitial Lung disease. *Respiratory Medicine.* 2018; 140: 71-76. doi: 10.1016/j.rmed.2018.05.019.

Swiatek, Kevin

Pulmonary Critical Care, PGY5

Abstracts and Presentations

1. **Swiatek KM,** Pofay R. Exception to the Rules: An Incidental Finding of Pulmonary Artery Dissection During EBUS. Abstract accepted. *Am. Jr. of Respiratory and Critical Care Medicine.* 2020
2. Mytinger A, **Swiatek KM,** Grinnan D. Tricuspid and Pulmonary Valves Resembling Carcinoid Heart Disease in Methamphetamine-Associated Pulmonary Arterial Hypertension. Abstract. *Chest,* 2019, 156(4). doi: 10.1016/j.chest.2019.08.534
3. **Swiatek KM,** Mytinger A, Grinnan D. Use of Riociguat to Liberate from Prolonged Use of Inhaled Nitric Oxide in the Intensive Care

Unit. Case Reports In Pulmonary Vascular Medicine Ii. 2019. doi: 10.1164/ajrccm-conference.2019.199.1_meetingabstracts.a3597

Publications

1. **Swiatek KM**, Guthrie R, L'Heureux M, Grinnan D,. Beyond the Blue: What Fellows are Reading in Other Journals. Pulmonary Hypertension: Advances in Risk Assessment and Emerging Procedures. Accepted for publication. *Am. Jr. of Respiratory and Critical Care Medicine*. 2020
2. Gershman E, Guthrie R, **Swiatek KM**, Shojaee S. Management of hemoptysis in patients with lung cancer. *Ann Transl Med*. 2019 Aug;7(15):358. doi: 10.21037/atm.2019.04.91. Published
3. **Swiatek KM**, Pedram S. (2020) Critical Care Echocardiography: 1000 Questions and Answers. Chapter 56: Differentiating Pulmonary Edema, Pneumonia, COPD/Asthma, Bronchiolitis, ARDS, Pulmonary embolism. Wolters Kluwer. Publication Accepted.

Taylor, Trevor

Pulmonary Critical Care, PGY6

Publications

1. Mytinger A, **Taylor T**, E. Gershman, Shojaee S. Recommended Reading from the Virginia Commonwealth Pulmonary/Critical Care and Interventional Pulmonary Fellows. *Am J Respir Crit Care Med*. 2020 May 18. doi: 10.1164/rccm.202003-0599RR. Published
2. Sindel A, **Taylor T**, Chesney A, Clark W, Fowler AA 3rd, Toor AA. Hematopoietic stem cell mobilization following PD-1 blockade: Cytokine release syndrome after transplantation managed with ascorbic acid. *Eur J Haematol*. 2019;103(2):134-136. doi:10.1111/ejh.13248.

Division of Rheumatology

Desai, Nishant B.

Rheumatology, PGY 4

Current Projects

1. Rates of immunizations among sarcoidosis patients with Dr. Huzaefah Syed.
2. Qtc prolongation in an active rheumatologic disease, with Dr. Stamatina Danielides.

Gill, Rabia

Rheumatology, PGY 4

Abstracts & Presentations

1. **Gill R**, Syed H, Petrides M, Lavallee M. Cardiac Sarcoid: Descriptive Analysis of Treatment Efficacy on Various Steroid Sparing Agents. American College of Rheumatology Annual Scientific Meeting. Submitted.
2. Nandan A, Syed H, Puri P, **Gill R**, Maniscalco M, Haritha J, Rodriguez V. DMARD Hepatotoxicity in RA and its Association with the Surrogates of Metabolic Syndrome (abstract). Arthritis Rheumatol.2018; 70 (suppl 10).

Current Projects

1. Cardiac sarcoidosis and response to immunosuppressive therapy with Dr. Huzaefah Syed

Poster Presentations

1. Nandan A, Syed H, Puri P, **Gill R**, Maniscalco M, Haritha J, Rodriguez V. DMARD Hepatotoxicity in RA and its Association with the Surrogates of Metabolic Syndrome. Poster presented at: VCU Resident Research Day.



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