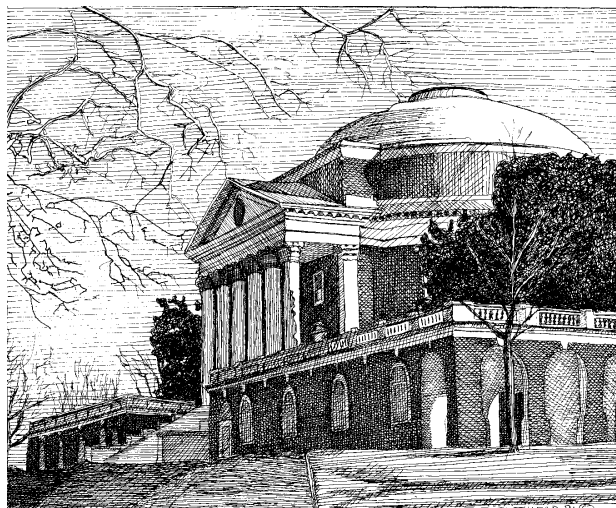


**UNIVERSITY OF VIRGINIA**  
**Department of Medicine**

**CAREY♦MARSHALL♦THORNER**  
*Research & Scholars' Day*  
**2018**



**Wednesday, May 16, 2018**  
**Pinn Hall Conference Center**  
**12:00 – 5:30 p.m.**

# PROGRAM



- 12:00 p.m. **Medicine Grand Rounds**  
**“2017 ACC/AHA Hypertension Clinical Practice Guidelines:  
What’s New and Important”**  
  
**Robert M. Carey, M.D., M.A.C.P., F.A.H.A., F.R.C.P.I.**  
**Professor of Medicine**  
**Dean, Emeritus, School of Medicine**  
**Division of Endocrinology and Metabolism**  
**Department of Medicine**
- 1:00 p.m. **Break**
- 1:15 p.m. **Oral presentations**
- 2:30 p.m. **Break**
- 2:45 p.m. **Oral presentations**
- 4:00 p.m. **Poster Presentation Session (Judging to occur)**  
  - **Pinn 2ABC:                      Posters: 1 - 30**
  - **Pinn Meeting Room 1:      Posters: 31 - 58**
  - **Pinn G1 & G2:                 Posters: 59 - 83**
- 4:15 p.m. **A Reception will be held in Pinn Hall 1<sup>st</sup> floor concurrent with  
poster session.**
- 5:30 p.m. **Awards will be held inside of the Pinn Auditorium.**

# Oral Presentations

(The name of the presenter is underlined)

- 1:15 p.m. Predictive Models of Fever and Adverse Outcomes in Hospitalized Patients with Neutropenia**  
Elizabeth Gulleen, Mawulolo Ameko, Prabhat Rayapati, John Ainsworth, Laura E Barnes, Christopher C. Moore
- 1:30 p.m. Fibrocytes in Human Pulmonary Fibrosis: Double-Blind Placebo-Controlled Crossover Pilot Study of Sirolimus in IPF**  
Axell-House DB, Yu V, Zhang Z, Burdick MD, Strieter RM, Mehrad B
- 1:45 p.m. Failure of Fecal Microbiota Transplant for Recurrent Clostridium Difficile does not Associate with Duration of Preceding Vancomycin Therapy**  
Matthew T. Bender, Thomas Hunold, Brian W. Behm, Cirle Warren, Ann R. Hays
- 2:00 p.m. Comparison of MELD-Na and MELD scores in Predicting Survival following Transjugular Intrahepatic Portosystemic Shunt in Patients with Cirrhosis**  
Carrie E Hamilton, Ross Buerlein, Jacob Meindertma, Zachary Henry, Neeral Shah
- 2:15 p.m. Pericyte-Fibroblast CD73 Cells Attenuate Inflammation and Interstitial Fibrosis in the Kidney Interstitial Microenvironment following AKI**  
Kinga P. Rudnicka, Heather M. Perry, Nicole Görldt, Sung-Sang J. Sung, Diane Rosin, Mark D. Okusa
- 2:30 p.m. BREAK**
- 2:45 p.m. IgE Sensitization to the Mammalian Oligosaccharide Galactose- $\alpha$ -1, 3-Galactose is Associated with Increased Coronary Atheroma Volume and Plaques with Unstable Characteristics**  
Wilson JM, Nguyen AT, Schuyler AJ, Commins SP, Taylor AM, Platts-Mills TAE, McNamara CA.
- 3:00 p.m. Cardiac CTA for Improving Cardiac Risk Stratification in Pre-Liver Transplant Evaluation**  
Adrián I Löffler, Jorge A Gonzalez, Roshin C Mathew, Shriram Sundararam, Caroline Flournoy, Patrick T Norton, Klaus Hagspiel, Christopher M Kramer, Neeral L Shah, Michael Salerno
- 3:15 p.m. Right Atrial Volume Index to Left Atrial Volume Index Ratio is Associated with Adverse Clinical Outcomes in Cardiogenic Shock.**  
Paras Patel, Mccall Walker, Kenneth Bilchick, Sula Mazimba
- 3:30 p.m. Adipocyte (Pro)Renin Receptor Mediates Weight Gain, and Glucose Intolerance in a Mouse Model of Obesity**  
Silas A. Culver, Helmy M Siragy
- 3:45 p.m. Glucagon-like Peptide-1 (GLP-1) Increases Skeletal and Cardiac Muscle Microvascular Perfusion and Improves Metabolic Insulin Action in Obese Humans**  
Nasui Wang, Alvin WK Tan, Linda A. Jahn, Lee Hartline, Kevin W. Aylor, Eugene J. Barrett, Zhenqi Liu;

# Poster Presentations

(The name of the primary author is underlined)

## Pinn 2ABC

Posters 1 – 30

*General, Geriatrics, Palliative & Hospital Medicine*

1. **Colonic Zits: *Strongyloides stercoralis* Diagnosed by Colonoscopy**  
Bender M, Ramadorai V, Hays A.
2. **Septic Arthritis due to Oral Streptococcal Species Following Intra-articular Injection: A Case Series and Retrospective Chart Review**  
Cain S, Sifri C, Enfield K, Lewis J.
3. **Clinical yield of routine use of a molecular diagnostic panel for adult outpatients with diarrhea and validation of guideline-based clinical criteria for testing**  
Clark S, Sidlak M, Mathers A, Poulter M, Platts-Mills J.
4. **Improving Colorectal Cancer Screening Rates in an Underserved Population Using Academic Detailing to Promote Fecal Immunochemical Testing**  
Clarke C, Voss J, Wolf A.
5. **Medication Administration Delays in Non-ST Elevation Myocardial Infarction: Analysis of 1002 Patients Admitted to an Academic Medical Center**  
Denlinger L, Keeley E,
6. **Studying the Effects of Video Podcasts on Trainee Clinical Knowledge**  
El-Nahal W, Lyons E.
7. **Local IgE Production in Allergic and Non-Allergic Rhinitis**  
Hamed A, Palacios T, Schuyler A, Steinke J, Eschenbacher W, Khokhar D, PlattsMills T, Heymann P, Lawrence M, Payne S, Borish L.
8. **Antibiotic allergies in patients at high risk of neutropenic fever, an opportunity for quality Improvement?**  
Khokhar D, Straesser M, Kyin T, Borish L, Eby J, Keng M.
9. **Smoking cessation after an acute myocardial infarction**  
Mullan R, Pham M, Keeley E.
10. **Patient-Specific iPS Modeling of Titin-based Dilated Cardiomyopathy**  
Nafissi N, Hinson T, Seidman J, Seidman C.

11. **Resident teaching enhances effectiveness of Medical Scientist Training Program Clinical Skills Initiative**  
Ogurick A, Baylis R, May N, Chapin A, Uthlaut B.
12. **Recurrent Clostridium difficile Infection is Associated with Vitamin A Deficiency**  
Ramadorai V, Niccum B, Stein D, Hays A.
13. **Unplanned Readmissions after Acute Myocardial Infarction: One-Year Trajectory Following Discharge from a Safety-Net Hospital**  
Shah I, Keeley E.
14. **Mycobacterium Immunogenum is A Rapid Grower in Peritoneal Dialysis**  
Shenoy A, El-Nahal W, Walker M, Chopra T, Townsend G, Heysell S, Eby J.
15. **Over-the-scope clip or Occam's razor? An unusual case of bowel obstruction and Hydronephrosis**  
Shultz J, Schirmer B, Wang A.
16. **Knowledge and Prevention of Tickborne Diseases among Hispanic and Non-Hispanic Residents of Maryland and Virginia**  
Hu S, Starr A, Gharpure R, Mehta S, Feldman K, Mead P, Nelson C.
17. **Evaluating delays in point of care capillary glucose measurements while using an electronic glycemic management system among different intensive care units**  
Wilson M, Novicoff W, Kirby J.

#### *Pharmacy Residents*

18. **Assessment of amiodarone baseline monitoring at an academic medical center**  
Burn E, Morrisette M, Dunn S.
19. **Planning and implementation of inline dose checking during computerized physician order entry**  
Golding C, Anderson S, Chabot M.
20. **Asparaginase-induced Antithrombin III Deficiency: Retrospective Review of Repletion and Thrombotic Events**  
Grose, K
21. **Evaluation of a Novel Microbiologic Rapid Diagnostic System on Antimicrobial Selection for Gram-Negative Bacillary Bloodstream Isolates**  
McCullough S, Mathers A, Brewster F, Poulter M, Elliot Z, Cox H.
22. **Intravenous medication concentration standardization for patient safety**  
Zavilla C, Griggs D, Jenkins M, Saenz R.

## *Infectious Disease & International Health*

23. **Diabetes related multidrug-resistant tuberculosis in Bangladesh: comparison of host factors**  
Alkabab Y, Al-Shaer M, Ahmed S, Houpt E, Peloquin C, Heysell S, Banu S.
24. **Clostridium difficile-toxin A and B induce morphological changes and activation of Enteric Glial Cells**  
Costa D, Bolick D, Ledwaba S, Moura-Neto V, Silva A, Guerrant R, Brito G, Warren C.
25. **Development of an Alternative Spectrophotometric Assays for Urine Pharmacokinetics in Tuberculosis Endemic Settings**  
Ebers A, Stroup S, Heysell S.
26. **Longitudinal Assessment of Antibiotic Resistance in E. coli Isolated from the MAL-ED Birth Cohort Study in Rural Tanzania**  
Fleece M, Nshama R, Walongo T, Gratz J, Platts-Mills J, Mduma E, Houpt E.
27. **Cost analysis of Computerized Clinical Decision Support Tool and Incentive Plan for Clostridium difficile Testing.**  
Madden G, Lyman J, Enfield K, Mathers A, Poulter M, Sifri C.
28. **Identification of etiology-specific diarrhea associated with linear growth faltering in Bangladeshi infants**  
Schnee A
29. **Societal determinants of health impact Hepatitis C management and may be mitigated by providing care in a clinic with embedded wrap-around support services**  
Sherbuk J, McManus K, Rogawski E, Knick T, Henry Z, Dillingham R.
30. **Early childhood cryptosporidiosis is associated with growth faltering and impaired neurocognitive development in rural and urban Bangladesh – a birth cohort study**  
Steiner K, Ahmed S, Gilchrist C, Burkey C, Cook H, Ma J, Korpe P, Ahmed E, Alam M, Kabir M, Tofail F, Ahmed T, Haque R, Faruque A, Petri W.

## **Pinn Meeting Room 1**

Posters 31 - 58

### *Cardiovascular Medicine*

31. **Electrocardiographic Left Atrial Abnormality in Obstructive Sleep Apnea**  
Harding C, Corotto P, Shields M, Cho Y, Knight J, Otchere H, Massaro B, Campbell C, Kwon Y.
32. **Diffuse myocardial fibrosis and coronary microvascular dysfunction are characteristic of HFpEF**  
Löffler A, Balfour P, Yang Y, Auger D, Nasir M, Kramer C, Gan L, Salerno M.

33. **Association of RV and LV Functional Parameters with Long-Term Clinical Outcomes Post-CRT**  
Mejia-Lopez E, Kennedy J, Mazimba S, Millar M, Ruth B, Bilchick K.
34. **Malignant arrhythmias in Autoimmune Myocarditis Secondary to Immune Checkpoint Blockade Treatment**  
Mejia-Lopez E, Dunn S, Mazimba S,
35. **An Alternative for Pacing and Defibrillation in a Patient with Poor Vascular Access**  
Mejia-Lopez E.
36. **Distribution of Atrial Fibrillation Dominant Drivers in Persistent Atrial Fibrillation using Body Surface Mapping**  
Mejia-Lopez E.
37. **Four-Year Follow-Up Assessing the impact of Integrating Delayed Computed Tomography Angiography Imaging for Left Atrial Appendage Thrombus Exclusion for Patients Undergoing AF Ablation**  
Mathew R, Löffler A, Norton P, Hagspiel K, Kramer C, Bilchik K. Salerno M.
38. **Trends Toward Improved Myocardial Perfusion Reserve with Medical Management and Supervised Exercise in Patients with Cardiac Microvascular Dysfunction**  
Mathew R, Schumann C, Dean JH, Löffler A, Yang Y, Salerno M, Kramer C, Bourque J.
39. **Predictors of Late Presentation of ST Elevation Myocardial Infarction: A Single Center Experience**  
McNair P, Keeley E.
40. **Presentation of Spontaneous Coronary Artery Dissection and the Prevalence of Fibromuscular Dysplasia**  
McNair P, Parker A, Taylor A, Battle R, Sharma A.
41. **Right Atrial to Left Atrial Volume Index Ratio is Associated with Mortality in Patients with Pulmonary Hypertension**  
Mysore M, Bilchick K, Ruth B, Harding W, Jeukeng C, Kennedy J, Mihalek A, Mazimba S.
42. **Increased Left Atrial Volume Index is Associated with Worse Outcomes in Heart Failure with Preserved Ejection Fraction: Insights from the TOPCAT Trial**  
Parker A, Bilchick K, Mwansa H, Breathlet K, Mubanga M, Kennedy J, Abuannadi M, Bergin J, Mazimba S.
43. **Direct Oral Anticoagulants Compared to Warfarin for Left Ventricular Thrombi**  
Robinson A, Ruth B, Dent J.
44. **Right Atrial Pressure to Stroke Volume Ratio Predicts Mortality in the ESCAPE trial**  
Solanki J, Bilchick K, Parker A, Kennedy J, Abuannadi M, Bergin J, Mazimba S.

45. **Tyrosine kinase inhibitor toxicity manifesting as co-morbid Moyamoya syndrome and obstructive coronary artery disease: a case report and review of the literature**  
Zhuo D, Ragosta M, Patterson B.
46. **Quantitative cardiovascular magnetic resonance perfusion imaging identifies reduced flow reserve in microvascular coronary artery disease**  
Zorach B, Shaw P, Bourque J, Kuruvilla S, Balfour J, Yang Y, Mathew R, Pan J, Gonzalez J, Taylor A, Meyer C, Epstein F, Kramer C, Salerno M.

### *Nephrology & CIIR*

47. **CD4 T cells activated by ultrasound or vagus nerve stimulation protect kidneys from ischemia-reperfusion injury through  $\beta$ 2 adrenergic receptor**  
Inoue T, Tanaka S, Abe C, Huang L, Rosin D, Guyenet P, Okusa M.
48. **Kidney PAX1 Releases ATP to Mediate Ischemia-Reperfusion Injury**  
Jankowski J, Perry H, Medina C, Huang L, Yao J, Rosin D, Ravichandran K, Isakson B, Okusa M.
49. **Review of Bloodstream Infections in Outpatient Dialysis Unit**  
Jassal V, Shah A, Bowman B.
50. **Role of DJ-1(PARK7) Deficiency in Sepsis-associated Acute Kidney Injury**  
Leeds J, Scindia Y, Loi V, Ledesma J, Mohammad S, Mandziak E, Swaminathan S.
51. **Minimal volume of urine for analysis of urinary extracellular vesicles recovered at low relative centrifugation force**  
Musante L, Bontha S, Salvia S, Lannigan J, Mas V, Le Th, Erdbrügger U.
52. **Potentially protective effects of latent CMV during early stages of sepsis**  
Nash W, Brown M, Swaminathan S.
53. **GSTM1 Deficiency Augments Hypertension, Oxidative Stress, and Renal Inflammation and Injury in Angiotensin II Experimental Model of Hypertension**  
Pourafshar S, Cechova S, Sung S, Ruiz P, Le Th.
54. **Amphiregulin Mediated Cellular Reprogramming for Repair following Kidney Injury**  
Sabapathy V, Cheru N, Mohammad S, Venkatadri R, Sharma R.
55. **Anti-inflammatory Cytokine IL233 Promotes Islet Repair and Regeneration**  
Sabapathy V, Corey R, Cheru N, Mohammad S, Venkatadri R, Sharma R.
56. **Optogenetic stimulation of the vagus nerve controls inflammation in sepsis and AKI**  
Tanaka S, Rosin D, Guyenet P, Okusa M.



57. **Dysregulated helper T cell responses orchestrate autoimmunity in defective DNA clearance**  
Venkatadri R, Sabapathy V, Cheru N, Sharma R, Mohammad S, Harvey S, Perrino F, Sharma Rah.

*Allergy & Immunology*

58. **LTA4 Hydrolase activation and LTB4 production by Eosinophils in Asthma**  
Pal K, Borish L, Steinke J, Shim Y, Sun S.

**Pinn Ground 1 & 2**

Posters 59 - 83

*Hematology/Oncology*

59. **The Effect of Chemotherapy on the Tumor Immune Microenvironment in Non-Small Cell Lung Cancer (NSCLC): A Single-Institution Retrospective Analysis**  
Devitt M, Gade K, Hall R, Horton B, Stelow E, Bullock T, Gentzler R.
60. **Safety and Efficacy of Direct Oral Anticoagulants in Comparison to Low Molecular Weight Heparin in Hematological Malignancies**  
Arora P, Hanson L, Gade K, Hathaway L, Palkimas S, Maitland H, Portell C.
61. **Improving End of Life Care in GI Oncology Patients**  
Hathaway L, Rose T, Sekunda M, Silvestre J, Keng M.
62. **Use of Direct Oral Anticoagulants in Inherited Thrombophilia**  
Kim M, Arora P, Palkimas S, Talamo L, Maitland H.
63. **A Pilot Study of the Combination of Entinostat with Capecitabine in Metastatic and High Risk Breast Cancer after Neo-adjuvant Therapy**  
Millard T, Wages N, Petroni G, Brenin C, Dillon P.
64. **Acid ceramidase inhibition: A targeted therapy for acute myeloid leukemia**  
Pearson J, Tan S, Sharma A, Davis V, Annageldiyev C, Fox T, Abad J, Fabriàs G, Claxton D, Feith D, Kester M, Loughran T.
65. **Direct oral anticoagulants (DOACs) are approved for treatment of venous thromboembolism (VTE), the prevention of VTE after surgery, and ischemic stroke prevention in patients (Pt) with non-valvular atrial fibrillation**  
Talamo L, Palkimas S, Bazydlo L, Man L, Maitland H.
66. **Blockage of the IL-2 and IL-15 gamma chain receptor decreases leukemic cell viability in T-cell Large Granular Lymphocyte Leukemia and Adult T-cell Leukemia**  
Wang T, Yang J, Zhang Y, Zhang M, Conlon K, Azimi N, Tagaya Y, Olson T, Feith D, Waldmann T, Loughran T.

## *Gastroenterology*

67. **An Under recognized Cause of Ascites: A Case of Malignant Peritoneal Mesothelioma**  
Collins H, Bollam R, Moore D, Pelletier S, Northup P, Shah N, Crawford M, Argo C.
68. **Cleaning Up Poor Preps: Determining the Characteristics of Inadequate Bowel Preparations**  
Cornella S, Orton C, Horton B, Powell S.
69. **Fighting Lengthy Cecal Intubation Times with Proning - Interim Analysis**  
Corning B, Davis J, Yoshida C, Doran A, Frye J, Copland A.
70. **Practice Patterns in Application of Venous Thromboembolism Prophylaxis to a Hepatology Inpatient Service: A Quality Improvement Project**  
Davis J, Intagliata N.
71. **Adverse events with percutaneous endoscopic gastrostomy in patients with amyotrophic lateral sclerosis is affected by type of sedation**  
Hudson P, Niccum B, Finke K, Shah N, Hays RA.
72. **Gut Microbial Metabolites Modulate the Amplitude and Phase of PER2 and BAL1 Circadian Rhythms in Intestinal Epithelial Cells and Organoids**  
Luzader D, Moutinho T, Mitchell P, Papin J, Hong C, Moore S.
73. **Spontaneous Thrombosis of Bleeding Gastric Varix: A Case Report**  
Reutemann B, Caldwell S, Henry Z, Intagliata N.
74. **Clinical Characterization of Gastric Antral Vascular Ectasia: A Potential Manifestation of the Metabolic Syndrome**  
Smith E, Tekola B, Patrie J, Cornella S, Caldwell S.
75. **Nonadherence to Biologic Therapies in Inflammatory Bowel Disease**  
Wentworth B, Buerlein R, Nakamura T, Tuskey A, Overby A, Smolkin M, Behm B.

## *Pulmonary & Critical Care*

76. **Objective sleep characteristics in patients with pulmonary hypertension**  
Alturaif N, Harding C, Lehman M, Kennedy J, Mihalek A, Mazimba S, Kwon Y.
77. **Role of Hyperpolarized Helium-3 Magnetic Resonance Imaging in Phenotyping Lung Transplant Recipients**  
Callahan S, Flors L, Myc L, Qing K, Tustison N, Salerno M, Mata J, Weder M, Kilbourne S, Mannem H, Altes T, Mugler J, Lange E, Shim Y.
78. **Pathogenicity of Human Metapneumovirus in a Medical Intensive Care Unit Population**  
Callahan S, Enfield K.

79. **Pharmacokinetics of tuberculosis drugs in HIV infected patients from Irkutsk, Russian Federation: redefining drug activity**  
Lyles G, Ogarkov O, Zhdanova S, Peloquin C, Ebers A, Pfaeffle H, Al-Shaer M, Moiseeva E, Zorkaltseva E, Koscheev M, Houpt E, Heysell S.
80. **Impact of a Pharmacist-Driven Intervention on Empiric Antimicrobial Use in the Medical Intensive Care Unit**  
Demott SE, Martin B, Hockman R, Liszewski A, Bell T, Enfield K.
81. **Beyond Chronic Bronchitis and Emphysema: Characterization of a Transcriptomically Unique COPD Phenotype with Hyperpolarized <sup>129</sup>Xe MRI**  
Myc L, Qing K, Mata J, Miller G, Callahan S, Bergman M, Cassani J, Dieterich R, Alles T, Huang Y, Mugler J, Shim Y.
82. **Outcomes of Patients Transferred to Medical Intensive Care Units: a meta-analysis**  
Papé A.

### *Rheumatology*

83. **Management of Cardiovascular Risk Factors in Patients with Rheumatoid Arthritis: A Retrospective Chart Review**  
Abdelnabi M, Meinderstma J, Lewis J.

**PUBLICATIONS**  
**UVA DEPARTMENT OF MEDICINE**  
**RESIDENTS, FELLOWS, STUDENTS**  
**2017-2018**

**RESIDENTS**

1. Omair MA1, **AIDuraibi FK2**, Bedaiwi MK3, Abdulaziz S4, Husain W5, El Dessougi M6, Alhumaidan H7, Al Khabbaz HJ8, Alahmadi I9, Omair MA10, Al Saleh S2, Alismael K11, Al Awwami M12. Prevalence of HLA-B27 in the general population and in patients with axial spondyloarthritis in Saudi Arabia. *Clin Rheumatol.* 2017 Jul; 36(7):1537-1543. Doi: 10.1007/s10067-017-3655-0. Epub 2017 Apr 29.
2. Al-Mukhaini SM<sup>1</sup>, Al-Eid H, **Alduraibi F**, Hakami HI, Talhi HA, Shoukri M, Ahmed AM, Ahmed Y, Alrajhi AA. Mycobacterium tuberculosis in solid organ transplantation: incidence before and after expanded isoniazid prophylaxis. *Ann Saudi Med.* 2017 Mar-Apr; 37(2):138-143. Doi: 10.5144/0256-4947.2017.138.
3. Bilchick K, Chishinga N, Parker A, Zhuo D, Rosner M, Smith L, Mwansa H, **Blackwell J**, McCullough P, Mazimba S,. Plasma Volume and Renal Function Predict Six-Month Survival after Hospitalization for Acute Decompensated Heart Failure. *Cardiorenal Med.* 2017 Dec; 8(1):61-70. Doi: 10.1159/000481149. Epub 2017 Nov 3.
4. **Cain SM**, Enfield KB, Sifri CD, Lewis JD. Septic arthritis due to oral streptococcal species following intra-articular injection: a case series. *Am J Infect Control.* In press.
5. **Dieringer TD**, Crossland DM, and Mahl, TC. Rizatriptan Induced Colonic Ischemia: A Case Report and Literature Review. *Am J Gastroenterol.* 2018 Jan; 113(1):148-149. Doi: 10.1038/ajg.2017.422.
6. **Mysore, M.**, Bilchick, K., Harding, W., Kennedy, J., Mihalek, A., Smith, L., Mazimba, S. Association of Hospital Costs for Pulmonary Hypertension Care with World Health Organization Group Classification. *Journal of Cardiac Failure.* 2017; 23(8):103.
7. Harding, W., **Mysore, M.**, Kennedy, J., Mihalek, A., Bilchick, K., Mazimba, S. Contemporary Patient Characteristics and Referral Patterns to a Pulmonary Hypertension Clinic at an Academic Medical Center. *Journal of Cardiac Failure.* 2017; 23(8):115.
8. **Mysore, M.**, Bilchick, K., Ruth, B., Harding, W., Jeukeng, C., Kennedy, J., Mihalek, A., Mazimba, S. Right Atrial to Left Atrial Volume Index Ratio is Associated with Mortality in Patients with Pulmonary Hypertension. *Journal of Cardiac Failure.* 2017; 23(8):48.
9. Ruth, B., Bilchick, K., **Mysore, M.**, Harding, W., Breathett, K., Parker, A., Bergin, J., Kennedy, J., and others. Increased Pulmonary to Systemic Pulse Pressure Ratio is Associated with Adverse Clinical Outcomes in Advanced Heart Failure. *Journal of Cardiac Failure.* 2017; 23(8):56.
10. Mazimba S., Kennedy, J., **Mysore, M.**, Mazurek, J., Mihalek, A., Smith, L., Welch, T., Harding, W., Bilchick, K. Pulmonary-Systemic Pulse Pressure Ratio is Associated with Adverse Outcomes in Group 1 Pulmonary Hypertension. *JACC.* 2017; 69(11):1920.

11. Mwansa, H., Bilchick, K., Parker, A., Harding, W., Ruth, B., Kennedy, J., **Mysore, M.**, Kwon, Y., Mihalek, A., Mazimba, S. Decreased Pulmonary Arterial Proportional Pulse Pressure is Associated with Increased Mortality in Group 1 Pulmonary Hypertension. *Clin Cardiol.* 2017; 40(11):988-992.
12. **Peters AE** and Keeley EC. Trends and Predictors of Participation in Cardiac Rehabilitation Following Acute Myocardial Infarction: Data from the Behavioral Risk Factor Surveillance System. *Journal of the American Heart Association.* 7(1). 2017 Dec 29. PMID: 29288154.
13. **Peters AE** and Keeley EC. Patient Engagement Following Acute Myocardial Infarction and Its Influence on Outcomes. *American Journal of Cardiology.* 120(9):1467-1471. 2017 Nov 1. PMID: 28843395.
14. Cornielle-Caamano V, Salerno M, Millard M, Loguidice M, Lawlor B, **Shah I**, Chidester J, Alhajri F, Aktan I, Blakeney A, Fauber N, Ward K, Tucker A, Keeley E. Multidisciplinary Clinic to Identify Near Misses and Decrease Readmission Rates after Hospitalization for Myocardial Infarction. *Circulation: Cardiovascular Quality and Outcomes* March 2017.
15. Sharma, Aditya, Surovi Hazarika, **Jigna Solanki**, and Brian Annex (2016). "Angiogenesis in Peripheral Artery Disease: Focus on Growth Factor Therapy," *Regenerative Medicine for Peripheral Artery Disease*. Ed. Brian Annex and Emile Mohler. N.P.: Academic Pr, 2016. 1-16. Print.
16. Van Driel ML, Morledge MD, **Ulep R**, Shaffer JP, Davies P, Deichmann R. Cochrane corner: interventions to improve adherence to lipid-lowering medication. *Heart.* 2018 Mar; 104(5):367-369. Doi: 10.1136/heartjnl-2017-311606. PMID: 29440453.
17. Stine JG, Niccum BA, **Zimmet AN**, et al. Increased risk of venous thromboembolism in hospitalized patients with cirrhosis due to non-alcoholic steatohepatitis. *Clinical and Translational Gastroenterology.* 2018; 9(3):140. Doi: 10.1038/s41424-018-0002-y.
18. **Zorach, B.B.**, Shaw, P.W., Bourque, J., Kuruvilla, S., Balfour, P.C., Yang, Y., Mathew, R., Pan, J., Gonzalez, J.A., Taylor, A.M., Meyer, C.H., Epstein, F.H., Kramer, C.M., Salerno, M. Quantitative cardiovascular magnetic resonance perfusion imaging identifies reduced flow reserve in microvascular coronary artery disease. *J Cardiovasc Magn Reson.* 2018; 20:14. doi:10.1186/s12968-018-0435-1.

## CLINICAL FELLOWS – ALLERGY & IMMUNOLOGY

19. **Wilson JM**, Workman L, Schuyler AJ, Rifas-Shiman SL, McGowan EC, Oken E, Gold DR, Hamilton RG and Platts-Mills TAE. Allergen sensitization in a birth cohort at midchildhood: Focus on food component IgE and IgG4 responses. *J Allergy Clin Immunol.* 2018; 141:419-423.
20. **Wilson JM** and Platts-Mills TAE. Home Environmental Interventions for House Dust Mite. *J Allergy Clin Immunol Pract.* 2018; 6:1-7.
21. **Wilson JM** and McGowan EC. Diagnosis and Management of Eosinophilic Esophagitis. *Immunol Allergy Clin North Am.* 2018; 38:125-139.
22. Schuyler AJ, Tripathi A, Workman LJ, **Wilson JM**, Erwin EA, Lawrence MG, McGowan EC, Hamilton RG and Platts-Mills TAE. Underestimation of specific IgE measurements using extract-based assays on undiluted sera revealed through dilution. *J Allergy Clin Immunol Pract.* 2017. in Press.

## CLINICAL FELLOWS - CARDIOLOGY

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