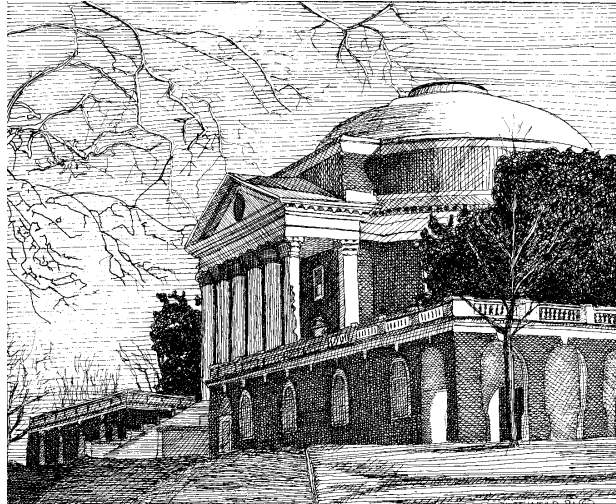


**UNIVERSITY OF VIRGINIA**  
**Department of Medicine**

***CAREY♦MARSHALL♦THORNER***  
***Research & Scholars' Day***  
***2019***



**Friday, May 17, 2019**  
**Education Resource Center**  
**&**  
**Pinn Hall Auditorium**  
**12:00 – 5:30 p.m.**

# PROGRAM



- 12:00 p.m.                      **Medicine Grand Rounds**  
**Pinn Hall Auditorium**  
**“Some Thoughts on Innovation”**  
**Steven J. Sasson**  
**Steven J. Sasson Consulting LLC (Digital Imaging Consulting)**
- 1:00 p.m.    **Break**
- 1:15 p.m.    **Oral presentations**  
**➤ Pinn Hall Auditorium**
- 2:30 p.m.    **Break**
- 2:45 p.m.    **Oral presentations**  
**➤ Pinn Hall Auditorium**
- 4:00 p.m.    **Poster Presentation Session (Judging to occur)**  
**➤ Education Research Center Auditorium**
- 4:15 p.m.    **A Reception will be held outside of the Education Resource  
Center concurrent with poster session.**
- 5:30 p.m.    **Awards will be held inside of the ERC Auditorium.**

## Oral Presentations Pinn Hall Auditorium

(The name of the presenter is underlined)

- 1:15 p.m. Access to Allogeneic Hematopoietic Cell Transplantation (HCT) for Patients with Acute Myeloid Leukemia (AML) in the State of Virginia**  
Puja C Arora, Lih-Wen Mau, Christa Meyer, Luis Duarte, Mary Senneka, Elizabeth A Murphy, Raj P Desai, Rajesh Balkrishnan, Linda J Burns, Karen Ballen
- 1:30 p.m. HIV and Aging: Multimorbidity in Older People Living with HIV in One Southeastern HIV Clinic**  
Elizabeth Arant, Ceshae Harding, Kathleen A. McManus
- 1:45 p.m. Patient Outcomes Associated with Prevented versus Negative Clostridium difficile Tests Using Computerized Clinical Decision Support (CCDS)**  
Gregory Madden, Kyle Enfield, Costi Sifri
- 2:00 p.m. Venous Thromboembolism Events and Prophylaxis in Patients with Acute Myeloid Leukemia**  
Maria Nicolais, Daniel Reed, Victor Orellana-Noia, Samantha Minkin, Amy Morris, Hillary Maitland, Michael Kent
- 2:15 p.m. A Rapid Diagnostic Paired with Antimicrobial Stewardship Program (ASP) Intervention Helps Narrow Early But Not Completely in Patients with Gram-negative Bacilli (GNB) Bloodstream Infections (BSIs)**  
Allison Stilwell, Heather Cox, Kasi Vegesana, Zachary Elliott, Amy Mathers
- 2:30 p.m. BREAK**
- 2:45 p.m. Systemic Arterial Pulsatility Index (SAPi) Predicts Adverse Outcomes in Cardiogenic Shock**  
Patrick Stafford, Paras Patel, Kenneth Bilchick, Sula Mazimba
- 3:00 p.m. Lack of DJ-1 amplifies sepsis-associated acute kidney injury and increases Daxx-mediated parenchymal apoptosis**  
Joseph Leeds, Yogesh Scindia, Valentina Loi, Jonathan Ledesma, Saleh Mohammad, Ewa Mandziak, Sundararaman Swaminathan
- 3:15 p.m. Evaluating Quality of Post-Transplant Metabolic Syndrome Management in Liver Transplant Patients**  
Sa Ra Park, William Tung, Michael Salerno, Jessica Davis, Ross Buerlein, Neeral Shah
- 3:30 p.m. Predictors of Myocardial Perfusion Reserve and Coronary Microvascular Dysfunction by CMR in Patients with Symptoms of Ischemia and No Obstructive Coronary Artery Disease**  
Christopher L Schumann, Roshin C Mathew, Yang Yang, John-Henry L Dean, Michael Salerno, Christopher M Kramer, Jamieson M Bourque
- 3:45 p.m. Natural course of  $\alpha$ -Gal syndrome: IgE to  $\alpha$ -Gal decreases with avoidance of tick bites**  
Margaret Kim, Matthew Straesser, Jeffrey Wilson, Thomas Platts-Mills

# Poster Presentations

(The name of the primary author is underlined)

## Education Resource Center

### Auditorium

Poster Presentations

Cardiovascular Medicine

1-19

1. **Impact of Dialysis Access on Right Heart Function**

Jamie L. W. Kennedy, Laura Holsten, Idil Aktan, Andrew D. Mihalek, Sula Mazimba, Brendan T. Bowman, Alden M. Doyle, Thu H. Le.

2. **High Prevalence of Significant Structural Heart Disease by Echocardiography in Patients Undergoing Evaluation for Kidney Transplantation**

Idil Aktan, Laura Holsten, Sula Mazimba, Andrew D. Mihalek, Thu H. Le, Brendan T. Bowman, Alden M. Doyle, Jamie L. W. Kennedy

3. **Benign Left Bundle Branch Block: Explaining the Linking Phenomenon**

Saad Ghumman, J. Michael Mangrum

4. **Atrial Fibrillation and Sleep Apnea: A Central Problem**

Evan Harmon, Patrick Stafford, McCall Walker, Paras Patel, Jacob Blackwell, Sula Mazimba, Nishaki Mehta, Kenneth Bilchick, Younghoon Kwon

5. **Catheter Ablation of Ventricular Arrhythmias Without Fluoroscopy Using Intracardiac Echocardiography and Electroanatomic Mapping**

Alan Johnson, Eliany Mejia-Lopez, Abdullah Omar, Nishaki Mehta, Rohit Malhotra, Pamela K. Mason, Kenneth C. Bilchick, J. Michael Mangrum, John D. Ferguson, Andrew Darby

6. **Coronary Microvascular Dysfunction and Diffuse Myocardial Fibrosis Measured by Cardiovascular Magnetic Resonance are Characteristic of HFpEF**

Adrián I Löffler, Jonathan A. Pan, Pelbreton C. Balfour, Peter W. Shaw, Yang Yang, Moiz Nasir, Daniel A. Auger, Frederick H. Epstein, Christopher M. Kramer, Michael Salerno

7. **CrCest Evaluation of Calf Muscle Energetics in the Setting of Peripheral Artery Disease**

Roshin Mathew, Helen L Sporkin, Craig H Meyer, Christopher M Kramer

8. **Invasive Approach to Ventricular Tachycardia in Patients with a Left Ventricular Assist Device**

Alex M Parker, Leora Yarboro, James Bergin

9. **Embolitic Risk of Left Ventricular Thrombi Predicted by E-Wave Propagation Index**  
Austin A. Robinson, Paul Thompson, Christopher Schumann, Benjamin Ruth, John Dent
10. **High Resolution Stress Myocardial Perfusion Imaging with Whole Heart Coverage**  
Austin A. Robinson, Yang Yang, Christopher M. Kramer, Michael Salerno
11. **Coated Aorta and Severe Mitral Regurgitation in a Young Patient: A Rare and Unusual Disorder**  
Elona Rrapo Kaso, Kelly Davidson, Aditya M. Sharma
12. **An Unusual Cause of Multiple Vascular Thrombosis and STEMI**  
Elona Rrapo Kaso, Aditya M. Sharma
13. **Utility of Ischemic Testing Prior to Ablation for Sustained Monomorphic VT**  
Christopher Schumann, Giovanni Davogustto, Andrew Cluckey, Aneesh Bapat, Evan Harmon, Patrycja Galazka, James Mangrum, Pamela Mason, Rohit Malhotra, Kenneth Bilchick, Usha Tedrow, Andrew Darby, William Stevenson, Nishaki Mehta
14. **Risk Stratification and Patient Outcomes with High Risk Coronary Artery Disease**  
Shields, Ouellette, Keifer, Taylor, Ragosta
15. **Obstructive Sleep Apnea and Daytime QT Interval**  
McCall Walker, Jacob N. Blackwell, Patrick Stafford, Paras Patel, Sula Mazimba, Nishaki Mehta, Michael Mangrum, Saman Nazarian, Kenneth Bilchick, Younghoon Kwon
16. **Intraprocedural Changes in Cardio Insight-Derived Electrical Activation with Cardiac Resynchronization Therapy and Association with 6-Month CMR Changes in Right and Left Ventricular Function**  
Gao, Phung, George (MDT), Abdishekti, Fischer (MDT), Malhotra, Mason, Darby, Mangrum, Mehta, Ferguson, Kramer, Epstein, Holmes, Gillberg (MDT), Bilchick
17. **Cardiac Magnetic Resonance After CRT Demonstrates Discordant Effects on Right and Left Ventricular Function**  
Gao, Narayan, Fuller, Salerno, Kramer, Epstein, Bilchick
18. **The Use of Non-Invasive Mapping in Persistent AF to Predict Acute Procedural Outcome**  
Xu Gao, Anna G. Lam, Kenneth Bilchick, Andy Darby, Nishaki Mehta, Pam Mason, Rohit Malhotra, John D. Ferguson, J Michael Mangrum
19. **Trans Catheter Aortic Valve Replacement-Induced Ventricular Tachycardia: A Case Report and Literature Review**  
David X. Zhuo, Milan G. Kahanda, J. Michael Mangrum

Endocrinology & Metabolism

Posters 20 – 23

20. **Ablation of Astrocyte Cholesterol Synthesis Disrupts Myelination of Neurons by Oligodendrocytes**  
Joshua Kulas, Heather Ferris
21. **Pilot study: Assessing an Abbreviated Project ECHO Diabetes for Provider Self-Efficacy**  
Charity Kwamanakweenda, Heather A. Ferris
22. **Metformin Prevents Microvascular Insulin Resistance and Preserves Endothelial Function in High-fat Diet-fed Rats**  
Jia Liu, Weidong Chai, Liying Gong, Aylor Kevin, Zhenqi Liu
23. **Improved Access to Endocrinologists through Electronic Consultation**  
Kendall Stone, Kimberly Dowdell

Gastroenterology

Posters 24 – 27

24. **Transjugular VS. EUS-GUIDED Liver Biopsy: Which Modality is Better?**  
Earasi AG, Lynch SK, Jahann DA, Nichols AR, Sauer BG, Wang AY, Uppal DS, Strand DS, Henry DH, Shami VM.
25. **Comparing Efficacy and Quality of eConsults Between Luminal Gastroenterology and Hepatology**  
Sa Ra Park, Indira Bhavsar, Jennifer Wang, Anne G. Tuskey, Kimberly Dowdell, Nicolas M. Intagliata, and R. Ann Hays
26. **Does EUS Add Information to FDG-PET/CT and EGD in the Initial Management of Esophageal Cancer?**  
Mark Radlinski, Linda W. Martin, Dustin M. Walters, Patrick Northup, Andy Wang Terri Rodee, Bryan Sauer, Vanessa M Shami
27. **Factors Associated with Major Bleeding Related to Procedures in Hospitalized Patients with Cirrhosis**  
Abhishek Shenoy, Wesley Yang, Nicolas Intagliata

General Medicine

Posters 28 – 32

28. **I Can't Get Note Satisfaction: An Examination of Resident Physicians' Documentation Habits and Billing Knowledge**  
Indira Bhavsar, Amy Ogurick, E. Allison Lyons, George Hoke
29. **Diagnostic Dilemmas: A Case Series on Kikuchi-Fujimoto Disease**  
William M. Gilbert
30. **Cost Conscious Care Education for Resident Physicians**  
Little K, Parsons A
31. **A Comparison of SIRS and SOFA in Prediction of In-Hospital Mortality or ICU Transfer in a Hospitalized General Medicine Cohort.**  
Oliver S, Forrester VJ, Lawson A, Richardson E, Zimmet A, Gadrey S
32. **Clinical Outcomes Associated with Inter-Hospital Transfer Patients to UVA Medical Center**  
Megan Pierce, S; Russ Clay, John Ainsworth, Valentina, Baljak, Andrew Barros, Joel Schectman, John Voss

*Hematology & Oncology*

*Posters 33 – 41*

33. **Risk of CNS Adverse Events (CNS-AEs) for Patients with Non-Small Cell Lung Cancer (NSCLC) and Melanoma Brain Metastases (BM) Treated with CNS Radiation (CNS-RT) and Immune Checkpoint Inhibitors (CPIs)**  
Michael Edward Devitt , Ralph Sumner Abraham, Jacobi Hines, Bethany J Horton, Camilo E. Fadul, James Mitchell Lerner, Jason Sheehan , Richard Delmar Hall, Ryan D. Gentzler
34. **Single Institution Experience of Gastrointestinal Involvement of Diffuse Large B- Cell Lymphoma: Presentation, Outcomes and Patterns of Treatment Failure**  
Puja C Arora, Victor Orellana-Noia, Abeer Alfaraj, Christopher Wenzinger, Sandra Monson, Craig A Portell, Michael E Williams
35. **Medical Management of Retained Inferior Vena Cava Filters**  
John W. Melson, Ian M. Crane, Leslie P. Ward, Surabhi Palkimas, Louise M. Man
36. **Access to Allogeneic Stem Cell Transplant for Patients with Acute Myelogenous Leukemia in the State of Virginia**  
Luis Duarte

37. **Development of a Standard Protocol to Address the High Incidence of Clinical Heart Failure in an Adult Acute Myeloid Leukemia Population at UVA**  
McLoughlin E, Mort M, Marino A, Ruefer K, Aktan I, Chadwell K, Abuannadi M, Keng M
38. **Immune-Related Adverse Events in Advanced NSCLC Treated with Immunotherapy Alone or Concurrent Chemotherapy and Immunotherapy**  
John Melson, Daniel Reed, Bethany Horton, Margaret Moore, Jacqueline Brown, Ryan Gentzler, Richard Hall
39. **Oral Regimen for Urine Alkalinization in Patients Receiving High Dose Methotrexate During a National Shortage of Intravenous Sodium Bicarbonate**  
Daniel R Reed, Jeremy M Sen, Eric J Pierce, Maria C Nicolais, Micheal K Keng
40. **Prophylactic Pretransplant Ganciclovir to Reduce Cytomegalovirus Infection after Hematopoietic Stem Cell Transplantation**  
Daniel R. Reed, Abeer Alfaraj, Gina R. Petroni, Sandra Monson, Paige G. Williams, Kathlene DeGregory, Leonid Volodin, Tamilia L. Kindwall-Keller, Karen K. Ballen
41. **Assessing Response Rates of Advanced Melanoma to Chemotherapy Following Administration of Immunotherapy**  
Elizabeth Gaughan, Nicholas Schmidt

*Infectious Disease & International Health*

*Posters 42 – 52*

42. **Notes from the Field: A Survey of Mobile Phone Usage among Individuals in KwaZulu-Natal, South Africa**  
Campbell BR, Choi K, Gray M, Canan C, Moll A, Dillingham R, Shenoi S
43. **Evaluation of Fecal Microbiota Transplantation Versus Vancomycin Taper with Kefir Supplementation as Treatment of Multiply Recurrent Clostridium Difficile Infection**  
Thomas D Dieringer, Abhishek Shenoy, Thomas Hunold, Cirle Warren, R. Ann Hays
44. **Longitudinal Assessment of Antibiotic Resistance in Fecal Escherichia Coli in Tanzanian Children**  
Molly E. Fleece, Rosemary Nshama, Thomas Walongo, Caroline Kimathi, Jean Gratz, Elizabeth T. Rogawski McQuade, Jie Liu, Suporn Pholwat, Esto Mduma, Eric R. Houpt, James A. Platts-Mills
45. **Rising Rates of Injection Drug Use Associated Infective Endocarditis in Virginia with Missed Opportunities for Addiction Treatment Referral: A Retrospective Cohort Study**  
Megan Gray



46. **Prediction of Adverse Events in Hospitalized Patients with Neutropenia**  
Elizabeth A Gulleen, Mawulolo Ameko, John E Ainsworth, Laura E Barnes, Christopher C. Moore
47. **Establishing Epidemiological Cutoff Values (ECOFF) for Mycobacterium Tuberculosis on the Sensititre™ MYCOTB Plate**  
Sagal Mohamed, Suporn Pholwat, Eric Houpt, Scott Heysell
48. **Risk Factors Associated with Carbapenemase-Producing Enterobacteriales (CPE) Positivity in the Hospital Wastewater Environment**  
Park S, Vegesana K, Barry K, Kotay S, Dudley S, Mathers A
49. **Cell Mediated Response to Cryptosporidium Antigen in a Cohort of Bangladesh Children**  
Sasson J, Gilchrist C, Steiner K, Arju T, Zannatun N, Haque R, Petri WA
50. **Evaluating the Use of the Gastrointestinal Polymerase Chain Reaction Panel for Inpatient Adults at the University of Virginia Hospital: Adherence to Guidelines and Management Implications**  
Amanda Schnee , James Platts-Mills
51. **Disparities in Hepatitis C Linkage to Care in the DAA Era: Findings from a Referral Clinic with a Nurse Navigator Model of Care.**  
Jacqueline E. Sherbuk, Kathleen McManus, Terry Knick, Rebecca Dillingham
52. **Fecal IgA Against a Sporozoite Antigen at 12 Months is Associated with Delayed Time to Subsequent Cryptosporidiosis in Urban Bangladesh**  
Kevin L. Steiner, Mamun Kabir, Jeffrey W. Priest, Biplob Hossain, Carol A. Gilchrist, Heather Cook, Jennie Z. Ma, Poonum S. Korpe, Tahmeed Ahmed, A.S.G. Faruque, Rashidul Haque, William A. Petri, Jr.

Nephrology & CIIR  
Posters 53 – 60

53. **Treg-Manipulation Reveal Unique Resistance of Female Mice to Aristolochic Acid Induced Nephropathy**  
Dogan M, Kinsey GR, Sharma A, Cheng J, Price A, Shero A, Yang M, Stevens BK, Sharma R.
54. **Physiological and Immunological Determinants of Severe Illness Following a Septic Insult**  
William T. Nash, Michael G. Brown, Sundararaman Swaminathan, Mark D. Okusa

55. **Pannexin 1 Deficiency Mediated Intracellular ATP Accumulation Maintains Mitochondrial Function during Kidney Ischemia-Reperfusion Injury in Mice**  
Nabin Poudel, Jakub Jankowski, Sho Morioka, Colleen Schinderlee, Shuqiu Zheng, Diane L. Rosin, Mark D. Okusa
56. **Effect of Parenchymal Versus Hematopoietic GSTM1 Deficiency on Renal Inflammation and Injury in Ang II-HTN**  
Shirin Pourafshar, Sylvia Cechova, Sun-Sang J Sung, Thu H. Le
57. **Cell Type Specific ST2/IL-33 Expression Regulates Contrasting Aspects of Kidney Injury**  
Vikram Sabapathy, Rajkumar Venkatadri1, Saleh Mohammad, Nardos Cheru, Airi Price, Brian Stevens, Rahul Sharma
58. **Anti-inflammatory Effect of Vagus Nerve Stimulation (VNS) is in Part Mediated Through B1 Lymphocytes**  
Nataliya I. Skrypnyk, Kailo H. Schlegel, Peter I. Lobo, Mark D. Okusa
59. **Optogenetic Stimulation of the Vagus Nerve Identified Distinct Pathways that Mediate Tissue Protection from Kidney Ischemia-Reperfusion Injury**  
Shinji Tanaka, Shuqiu Zheng, Daniel Stornetta, Stephen Abbott, Diane Rosin, Ruth Stornetta, Patrice Guyenet, Mark Okusa
60. **The Hybrid Cytokine IL233 Alleviates Lupus Glomerulonephritis by Targeting TH1 Cytokines, Mitochondrial Biogenesis and Canonical WNT Signaling**  
Venkatadri R, Sabapathy V, Dogan M, Mohammad S, Fu SM, Sharma R

*Pharmacy*  
*Posters 61 – 65*

61. **Impact of Pharmacist Telephone Medication Reconciliation on Patient Readmissions in a Hospital Discharge Home Monitoring Program**  
Mary A Cordon, Donna M White, Bethany S Delk, Frances M Perucci-Bailey, Michael Palkimas
62. **Evaluation of Alirocumab and Evolocumab Prescribing Patterns and Dispensing Outcomes in Hospital-Affiliated Outpatient Clinics and Pharmacies**  
Mary A Cordon, Svetlana Goldman, Donna M White
63. **Comparison of Tolerability and Efficacy of Perioperative and Postoperative Amiodarone Regimens for the Prevention of Post-operative Atrial Fibrillation**  
Julianne M. Fallon, Mary Roth, Judy Smith, Steven P. Dunn

64. **Evaluation of a Pharmacist-led Deprescribing Intervention in Stem Cell Transplant Patients**  
Mort M, DeGregory K, Ruefer K, Volodin L, Whitman A

65. **Rates of Bleeding with Enoxaparin for Treatment of Intermediate to High-Risk Pulmonary Embolism Before and After Implementation of a Pulmonary Embolism Response Team**  
Plum M, Palkimas S, Man L, Sharma A, Holian A

Pulmonary & Critical Care  
Posters 66 – 68

66. **Characterization of Interstitial Lung Disease Phenotypes with Hyperpolarized <sup>129</sup>Xe MRI: A Pilot Study**  
K. Earasi, L.A. Myc, J.H. Mata, G.W. Miller, J. Cassani, T. Altes, Y. Huang, J. Mugler, I. Noth, Y.M. Shim, K Qing

67. **The change in pulmonary embolism management at University of Virginia since the implementation of Pulmonary Embolism Response Team (PERT)**  
Nebil Nuradin, Jigna Solanki, Lukasz Myc, Aditya Sharma, Alex Kadl

68. **Depressive symptoms are associated with self-reported physical limitations that are activity dependent in a cross-sectional analysis of subjects with chronic obstructive pulmonary disease**  
Odackal J, Lyons G, Harris D

*Rheumatology*  
Posters 69 – 73

69. **Adverse Events due to Immune Checkpoint Inhibitors Observed in the UVA Rheumatology Clinic**  
Kimpel D, Lewis J, Abdelnabi M, Srstka J, Gaughan E, Grosh W, Brennan C

70. **Inflammatory Arthritis in a Cohort of Patients with Common Variable Immunodeficiency (CVID)**  
Fatima K. Alduraibi, Monica G. Lawrence, Larry Borish, Adam Carlson

71. **Identification of STAT 3 Somatic Mutations Typical of Large Granular Lymphocytes in Patients with Rheumatoid Arthritis**  
Kimpel DL, Khalique S, Boodoo J, Baker W, Alfreiijat M, Olson T, Loughran T

72. **Clinically Amyopathic Dermatomyositis: Prevalence of Malignancy, Dysphagia, and Interstitial Lung Disease Compared to Classic Dermatomyositis**  
Kirsten L. Koons

**73. Synovial Fluid Profile in Neutropenic Patients with Septic Arthritis**

Samantha Minkin

**PUBLICATIONS**  
**UVA DEPARTMENT OF MEDICINE**  
**RESIDENTS, FELLOWS, STUDENTS**  
**2018-2019**

**RESIDENTS**

1. **Hodges J**, Reyes J, Campbell J, Klein W, Wurcel A. Successful Implementation of a Shared Medical Appointment Model for Hepatitis C Treatment at a Community Health Center. *J Community Health*. 2019; 44(1):169-171
2. Balfour PC, Gonzalez JA, Shaw PW, Caminero MP, Holland EM, **Melson JW**, Sobczak M, Izarnotegui V, Watson DD, Beller GA, Bourque JM. High-frequency QRS analysis to supplement ST evaluation in exercise stress electrocardiography: Incremental diagnostic accuracy and net reclassification. *J Nucl Cardiol*. 2018. <https://doi.org/10.1007/s12350-018-01530-w>
3. **Shenoy A**, Stine J, Intagliata N. Venous thromboembolism in patients with liver diseases: comment. *J Thromb Haemost*. 2019 Jan; 17(1):238-239.
4. Patel N, Patel K, **Shenoy A**, Baker W, Makaryus AN, El-Sherif N. Cryoballoon Ablation for the Treatment of Atrial Fibrillation: A Meta-Analysis. *Curr Cardiol Rev*. 2018 Dec 11.
5. **Shenoy, A**, El-Nahal W, Walker M, Chopra T, Townsend G, Heysell S, Eby, J. Management of a Mycobacterium immunogenum infection of a Peritoneal Dialysis Catheter Site. *Infection*. 2018 Aug 21.
6. **Shenoy A**, El-Nahal W, Walker M, Chopra T, Townsend G, Heysell S, Eby J., Management of a Mycobacterium immunogenum infection of a peritoneal dialysis catheter site. 2018 Dec; 46(6):875-880. Doi: 10.1007/s15010-018-1199-0. Epub 2018 Aug 21.

**CLINICAL FELLOWS – ALLERGY & IMMUNOLOGY**

7. **JK Sohn**, Keet CA, McGowan EC. "Association between Allergic Disease and Developmental Disorders in the National Health and Nutrition Examination Survey (NHANES)." *J Allergy Clin Immunol Pract*. 2019.

**CLINICAL FELLOWS - CARDIOLOGY**

8. **Aktan I**, Holsten L, Mazimba S, Mihalek AD, Le TH, Bowman BT, Doyle AM, Kennedy JLW (October 2018) High Prevalence of Significant Structural Heart Disease by Echocardiography in Patients Undergoing Evaluation for Kidney Transplantation, American Society of Nephrology Kidney Week; San Diego, CA.

9. Kennedy JLW, Holsten L, **Aktan I**, Mihalek AD, Mazimba S, Bowman BT, Doyle AM, Le TH (October 2018) Impact of Vascular Access on Right Heart Function in End Stage Renal Disease, American Society of Nephrology Kidney Week; San Diego, CA.
10. **Hanson CA**, Bourque JM. Functional and Anatomical Imaging in Patients with Ischemic Symptoms and Known Coronary Artery Disease. *Curr Cardiol Rep*. 2019.
11. Kahanda MG, **Hanson CA**, Patterson B, Bourque JM. Nuclear cardio-oncology: From its foundation to its future. *J Nucl Cardiol*. 2019
12. Matthew RC, **Löffler AI**, Salerno M. Role of Cardiac Magnetic Resonance Imaging in Valvular Heart Disease: Diagnosis, Assessment, and Management. *Curr Cardiol Rep*. 2018; 20:119.
13. **Löffler AI**, Kramer CM. Myocardial viability testing to guide coronary revascularization. *Interv Cardiol Clin*. 2018; 7:355-365.
14. **Löffler AI**, Salerno M. Cardiac MRI for the Evaluation of Oncologic Cardiotoxicity. *J Nucl Cardiol*. 2018; 25:2148-2158.
15. Zhou R, Yang Y, **Mathew RC**, et al. Free Breathing Cine Imaging with Motion-Corrected Reconstruction at 3T Using SPiral Acquisition with Respiratory and Cardiac Self-gating (SPARCS). *Magn Reson Med*. 2019 Apr 21. Doi: 10.1002/mrm.27763. [Epub ahead of print]
16. **Mathew RC**, Löffler AI, Salerno M. Role of Cardiac Magnetic Resonance Imaging (CMR) in Valvular Heart Disease: Diagnosis, Assessment, and Management. *Curr Cardio Rep* Sept 2018; 20:119.
17. **Mathew RC**, Gottbrecht M, Salerno M. CT-FFR to Guide Coronary Angiography and Intervention. *Interv Cardiol Clin*. 2018 July; 7(3):345-354.
18. **Parker A, M**: The Importance of Extra cardiac Muscle Mass in Heart Failure. *Cardiology* 2019; 142:37-38. doi: 10.1159/000497039
19. **Rrapo Kaso E**, Bourque, J.M. Regadenoson SPECT MPI post-troponin elevation in two different patient populations: A reliable risk-stratification tool. *J. Nucl. Cardiol.* (2019). <https://doi.org/10.1007/s12350-019-01726-8>
20. **Rrapo Kaso E**, Kramer C. Role of Multimodality Imaging in Diagnosis and Management of Cardiac Sarcoidosis. *Imaging Case Series American College of Cardiology* (2019). Retrieved from <http://edu.acc.org/diweb/catalog/item/id/2660219>
21. **Rrapo Kaso E**, Gimple L *Cocaine-Associated ST-Elevation Myocardial Infarction*. (2018). Retrieved from <http://www.cardioivillage.com>
22. **Zhuo DX**, Ragosta M 3rd, Patterson B. Tyrosine kinase inhibitor toxicity manifesting as comorbid Moyamoya syndrome and obstructive coronary artery disease: A case report and review of the literature. *Catheter Cardiovasc Interv*. 2019 Mar 12. Doi: 10.1002/ccd.28189. [Epub ahead of print]

## CLINICAL FELLOWS – GASTROENTEROLOGY

23. **Buerlein RC**, Wang AY. “ERCP-Guided Ablation for the Management of Cholangiocarcinoma.” *Gastrointestinal Endoscopy Clinics: The Endoscopic Hepatologist*. Elsevier Publishers. 2018.

## CLINICAL FELLOWS – INFECTIOUS DISEASE

24. **Eby JC**, Mathers AJ, Cox HL, **Richey MM**, Platts-Mills JA, Novicoff WM. Reply to Weinbren and Collins. (An editorial response to commentary on “A Healthcare Improvement Intervention Combining Nucleic Acid Microarray Testing with Direct Physician Response for Management of Staphylococcus aureus Bacteremia”). **Clinical Infectious Diseases**. 2018 Apr 17; 66(9):1485. Doi: 10.1093/cid/cix1017. PMID: 29161355.
25. **Eby JC\***, **Richey MM**, Platts-Mills JA, Mathers AJ, Novicoff WM, Cox HL. A Healthcare Improvement Intervention Combining Nucleic Acid Microarray Testing with Direct Physician Response for Management of Staphylococcus aureus Bacteremia. *Clinical Infectious Diseases*. 2018 Jan 6; 66(1):64-71. Doi: 10.1093/cid/cix727... PMID: 29020181.
26. **Fleece ME**, Nshama R, Walongo T, Kimathi C, Gratz J, Rogawski McQuade ET, Liu J, Pholwat S, Mduma E, Houpt ER, Platts-Mills JA. Longitudinal assessment of antibiotic resistance in fecal Escherichia coli in Tanzanian children. *Am J Trop Med Hyg.* <<https://www.ncbi.nlm.nih.gov/pubmed/30834886>> 2019 Mar 4. PMID: 30834886.
27. **Fleece ME**, Pholwat S, Mathers AJ, Houpt ER. Molecular diagnosis of antimicrobial resistance in Escherichia coli. *Expert Rev Mol Diagn*. 2018 Mar; 18(3):207-217. Doi: 10.1080/14737159.2018.1439381. Epub 2018 Feb 19. Review.
28. **Fleece ME**, Heptinstall J, Khan SS, Kabir M, Herbein J, Haque R, & Petri WA. Evaluation of a Rapid Lateral Flow Point-of-Care Test for Detection of Cryptosporidium. *Am J Trop Med Hyg*. 2016 Oct 5; 95(4):840-841. PMID: <<http://doi.org/10.4269/ajtmh.16-0132>> 27573629.
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