7th Annual Department of Medicine Research Day

October 3, 2014 • 8:00 AM - 4:30 PM
Cox Hall Ballroom

Celebrating Research Efforts Across the Department
7:45 - 8:00 AM  Registration and Welcome

8:00 - 8:15 AM  Featured Research: Nawazish Naqvi, PhD  
Assistant Professor, Cardiology  
Winner of the Department of Medicine's 2014 Outstanding Citation Award (Basic Science)  
2010 Department of Medicine Seed Grant Awardee  
"A Proliferative Burst During Preadolescence Establishes the Final Cardiomyocyte Number"

8:15 - 9:15 AM  Oral Presentations  
Moderator: Samantha Yeligar (Pulmonary)  

8:15 AM: "Melatonin Does Not Affect Nighttime Blood Pressure in African-Americans with Essential Hypertension: Results from Two Randomized Placebo-Controlled Clinical Trials (MAP-trials)"  
Frederic Rahbari-Oskoui (Nephrology)

8:30 AM: "Hydrogen Sulfide Deficiency Mediates Estrogen Deficiency-Induced Bone Loss in Mouse Model of Postmenopausal Osteoporosis: A Novel Candidate in the Pathogenesis of Osteoporosis"  
Abdul Tyagi (Endocrinology)

8:45 AM: "Lopinavir Use and Human Papillomavirus (HPV) Infection in HIV-infected Women"  
Katherine Dugan (Infectious Diseases)

9:00 AM: "Fatty Liver and Leaky Gut: A Deadly Duo"  
Khalidur Rahman (Digestive Diseases)

9:15 - 10:00 AM  Poster Session I

10:00-10:15 AM  Featured Research: David Weiss, PhD  
Assistant Professor, Infectious Diseases  
Winner of the DOM's 2013 Outstanding Citation (Basic) Award—Asst. Professor level, 2008 DOM Seed Grant Awardee  
"Bacterial Heteroresistance: Clinically Relevant?"

Acknowledgements

Special thanks to Karen Summers, Molly Dunham-Friel, Leslie Chou, Kelly F. Johnson, Alia Kamel and Katie Davis for their help!
Acknowledgements

Poster Judges

Jessica Alvarez, MD, Instructor, Endocrinology
Frank Anania, MD, Professor and Division Director, Digestive Diseases
George Beck, PhD, Associate Professor, Endocrinology
Mitsi Blount, PhD, Assistant Professor, Nephrology
Henry Blumberg, MD, Professor, Infectious Diseases
Barrett Bowling, MD, Assistant Professor, General Medicine & Geriatrics
Hui Cai, MD, Assistant Professor, Nephrology
Arlene Chapman, MD, Professor, Nephrology
Sushma Cribbs, MD, MSc, Assistant Professor, Pulmonary
Carlos del Rio, MD, Professor, Infectious Diseases
Neal Dickert, MD, Assistant Professor, Cardiology
Katharina Echt, PhD, Associate Professor, General Medicine & Geriatrics
Monica Farley, MD, Professor and Division Director, Infectious Diseases
Harold Franch, MD, Associate Professor, Nephrology
Abhinav Goyal, MD, MHS, Associate Professor, Cardiology
David Green, MD, Assistant Professor, Pulmonary
Michael Hart, MD, Professor, Pulmonary
Robert Hoover, MD, Assistant Professor, Nephrology
Jesse Jacob, MD, Assistant Professor, Infectious Diseases
Andreas Kalogeropoulos, MD, PhD, Assistant Professor, Cardiology
Janet Klein, PhD, Associate Professor, Nephrology
Michael Koval, PhD, Associate Professor, Pulmonary
Bernard Lassegue, PhD, Assistant Professor, Cardiology
Eun Lee, MD, Assistant Professor, Pulmonary
Jeff Lennox, MD, Professor, Infectious Diseases
Vince Marconi, MD, Associate Professor, Infectious Diseases
Greg Martin, MD, Professor, Pulmonary
Aneesh Mehta, MD, Assistant Professor, Infectious Diseases
David Murphy, MD, PhD, Assistant Professor, Pulmonary
Mark Mulligan, MD, Professor, Infectious Diseases
Nawazish Naqvi, PhD, Assistant Professor, Cardiology
Vandana Niyyar, MD, Associate Professor, Nephrology
Darin Olson, MD, PhD, Assistant Professor, Endocrinology
Roberto Pacifici, MD, Professor and Division Director, Endocrinology
Jeanie Park, MD, Assistant Professor, Nephrology
Jeff Sands, MD, Professor and Division Director, Nephrology
Ignacio Sanz, MD, Professor and Division Director, Rheumatology
Charlie Searles, MD, Associate Professor, Cardiology

Schedule of Events

10:15 - 11:15 AM Oral Presentations
Moderator: Barrett Bowling (General Medicine & Geriatrics)

10:15 AM: "Heathy HIV-infected Subjects Harbor HIV in Alveolar Macrophages, Which Can Impair Lung Function" Sushma Cribbs (Pulmonary)

10:30 AM: "Engineered Cell Therapy with Embryonic Stem Cell-derived Cardiomyocytes Encapsulated in Injectable Nanomatrix Gel Enhanced Engraftment and Promoted Cardiac Repair in Experimental Myocardial Infarction" Kiwon Ban (Cardiology)

10:45 AM: "Long-Term Effects of Metformin and Sitagliptin on Near-Normoglycemic Remission, β-cell Function and Insulin Sensitivity in Obsess African Americans with Hyperglycemic Crises" Isabel Anzola (Endocrinology)

11:00 AM: "Role of Intestinal Dysbiosis in the High Fat Diet-Induced Gastrointestinal Transit Delay in Mice" Behtash Nezami (Digestive Diseases)

11:15 - 11:45 AM Featured Research: Jonathan Sevransky, MD
Associate Professor, Pulmonary
"How Do We Create ICUs That Are Good for Patients?"

11:45 AM Group photo

12:00 - 1:00 PM Lunch

1:00 - 2:00 PM Keynote Address: Edward Benz Jr., MD
"Diverse Functions and Regulated Pre-mRNA Splicing of a Red Cell Cytoskeletal Protein, Protein 4.1R" President, Dana-Farber Cancer Institute
Richard and Susan Smith Professor of Medicine, Professor of Pediatrics, Professor of Pathology, Harvard Medical School

Continued…
2:00 - 2:30 PM  Oral Presentations
Moderator: Nawazish Naqvi (Cardiology)

2:00 PM:  "Panel of Seven Encapsulated and Nonencapsulated (iso) microRNAs in Human Samples that Predict Coronary Atherosclerosis Severity and Cardiac Events"
Amanda Marie James (Cardiology)

2:15 PM:  "Antibody Secreting Cells are Generated During Systemic Lupus Erythematosus Flares by Differentiation of a Novel Subset of Activated Naive B Cells"
Christopher Tipton (Rheumatology/Immunology)
Winner of the 2013 Edward Benz Sr., MD Memorial Research Award

2:30 - 3:15 PM  Poster Session II

3:15 - 3:45 PM  Oral Presentations
Moderator: Viranuj Sueblinvong (Pulmonary)

3:15 PM:  "Tumor Necrosis Alpha Antagonism with Etanercept increases Circulating Endothelial Progenitor Cell Counts in Subjects with Psoriasis"
Salim Hayek (Cardiology)

3:30 PM:  "Claudin-5 Increases Alveolar Permeability in Alcoholic Lung Syndrome by Destabilizing Claudin-18 / Zonula Occludens-1 Interactions"
Barbara Schlingmann (Pulmonary)

3:45 - 4:15 PM  Featured Research: Mark Mulligan, MD
Professor, Infectious Diseases
Winner of the Department of Medicine’s 2014 R. Wayne Alexander Excellence in Research Award
"Antibody, T Cell and B Cell Responses to Avian Influenza A/H7N9 Vaccine Mixed at the Point-of-Use with MF59 Adjuvant: a Randomized Clinical Trial"

4:15 - 4:30 PM  Research Accomplishments in the Department of Medicine; Presentation of Research Awards
David S. Stephens, MD
Chair, Department of Medicine
Vice President for Research, Woodruff Health Sciences Center
Schwarzmann Distinguished Professor of Medicine

Information Booths

Please stop by these information booths to the right of the registration table in the lobby to learn more about services available to you as researchers.

Department of Medicine Data Analytics & Biostatistics (DAB) Core
Website: medicine.emory.edu/DAB
Contact: Chad Robichaux, MPH, Research Informatics Analyst
Offers biostatistics, analytics, study design, biomedical informatics and other related services to Department of Medicine faculty members.

Department of Medicine Research Administration Service (RAS) Unit
Website: medicine.emory.edu/research/administration
Contact: Nancy Jenkins, Senior Director of Research Administration
Supports Department of Medicine investigators by providing faculty with pre- and post-award research administration services and supports all award activities in the department.

Atlanta Clinical & Translational Science Institute (ACTSI)
Website: actsi.org
Contact: Elizabeth Thompson, Director of Communications
Through focused education and training, innovative support of discovery, and ethical community engagement, the collaborative partners of the Atlanta Clinical & Translational Science Institute rapidly and efficiently translate scientific discoveries to impact all populations of the Atlanta community and beyond.

Woodruff Health Sciences Center (WHSC) Library
Website: health.library.emory.edu
Contact: Amy Allison, MLS, AHIP, Clinical Informationist
The mission of the WHSC Library is to optimize research, education, and patient care processes with reliable and sustainable access to data and information.
111. Yoskaly Lazo-Fernandez, Postdoctoral Fellow, Nephrology
Pendrin Localizes to the Adrenal Medulla Where It Modulates Catecholamine Release

112. Girum Mekonnen, Postdoctoral Fellow, Cardiology
CD31+ T Cell Depletion Independently Predicts Diastolic Dysfunction in Women with Signs and Symptoms of Ischemia Without Obstructive Coronary Artery Disease: Results from the NHLBI-Sponsored Women Ischemia Syndrome Evaluation (WISE)

113. Bashar Staitieh, Postdoctoral Fellow, Pulmonary
Nrf2 and PU.1 are Coordinately Regulated in the Alveolar Macrophage

114. Viranuj Sueblinvong, Assistant Professor, Pulmonary
Nuclear Over-Expression of Thioredoxin-1 (Trx1) Protects Against Alcohol-Induced Lung Fibroblast-Myofibroblast Transdifferentiation

115. Alejandra Valdivia, Postdoctoral Fellow, Cardiology
Nox4-Dependent Cofilin Activation is Required for VSMC Cytoskeletal Reorganization after Mechanical Stimulation

116. Jaeyeon Cho, Graduate Student, Infectious Diseases
Non-Viral Direct Reprogramming of Fibroblasts into a Three Dimensional Vascularized Cardiomimetic Tissue

117. Salim Hayek, Postdoctoral Fellow, Cardiology
Circulating Progenitor Cell Profile of Patients with Peripheral Arterial Disease

118. Sang-Ho Lee, Postdoctoral Fellow, Cardiology
Direct Reprogramming of Human Dermal Fibroblasts into Endothelial Cells Using Single Transcription Factor

119. Anita Saraf, Postdoctoral Fellow, Cardiology
Novel Polymer-Based Strategy for Delivery of Mesenchymal Stem Cells for Cardiac Regeneration

120. Jane Titterington, Postdoctoral Fellow, Cardiology
Mesenchymal Stem Cell Therapy Following Myocardial Infarction in Rats Requires an Intact Immune System
12. **Nathalie Angel**, Student, General Medicine & Geriatrics  
   Self-Reported Mobility Improvements after Dance Rehabilitation Correlate Minimally with Objectively Measured Mobility Improvement in Older Adults

13. **Erik Renz**, Student, General Medicine & Geriatrics  
   Heel/Toe Clearance and Variability Ascending and Descending Stairs in Older Adults with Mono Versus Multifocal Intraocular Lenses

14. **Saumeth Cardona**, Postdoctoral Fellow, Endocrinology  
   Randomized Controlled Trial of Intensive versus Conservative Glucose Control in Patients Undergoing Coronary Artery Bypass Graft Surgery (Gluco-Cabg)

15. **John Elliott**, Resident, General Medicine & Geriatrics  
   Metformin Use and Assessment of Vitamin B12 Status among Older Veterans

16. **Samuel Molina**, Postdoctoral Fellow, Pulmonary  
   Insulin Stimulated Glucose Uptake is Defective in the Cystic Fibrosis Affected Human Airway (WITHDREW POSTER)

17. **Francisco Pasquel**, Assistant Professor, Endocrinology  
   Diabetes Care in Long-Term Care Facilities: A Randomized Controlled Study

18. **Sahar Tabatabavakili**, Research Associate, Digestive Diseases  
   Association of High Dietary Saturated Fat Intake and Uncontrolled Diabetes with Constipation: Evidence from the National Health and Nutrition Examination Survey (NHANES)

19. **Peter Thule**, Professor, Endocrinology  
   Viral Hepatic Insulin Gene Transfer Ameliorates Hyperglycemia in STZ-Diabetic Pigs

20. **Priyathama Vellanki**, Assistant Professor, Endocrinology  
   Association of Glycemic Control, Inflammatory Markers and Peri-Operative Complications in Patients Undergoing CABG

21. **Ibhar Al Mheid**, Postdoctoral Fellow, Cardiology  
   Effects of a “Health Partner” Intervention on the Metabolic Syndrome

101. **Jason Cobb**, Assistant Professor, Nephrology  
   Pre-ESRD Care and Mortality in Incident ESRD Patients with Multiple Myeloma

102. **Jason Cobb**, Assistant Professor, Nephrology  
   Mycophenolate Mofetil for the Treatment of Membranous Lupus Nephritis

103. **Ann Lin**, Undergraduate Student, Nephrology  
   Role of Sympathetic Nervous System Overactivation in Intradialytic Hypertension

104. **Laura Plantinga**, Graduate Student, Nephrology  
   Insurance Status and U.S. Region Associated with Placement of Permanent Vascular Access in Hemodialysis Patients with End-Stage Renal Disease Secondary to Lupus Nephritis

105. **Laura Plantinga**, Graduate Student, Nephrology  
   Catheters for Hemodialysis Access May Be Associated With Increased Risk of Poor Outcomes in Patients Transplanted Early

106. **Rachel Powell**, Graduate Student, Infectious Diseases  
   Predictors of Mortality in End Stage Renal Disease Patients with Infective Endocarditis

107. **Sherry Adesina**, Graduate Student, Pulmonary  
   The Role of Mitochondrial Reactive Oxygen Species in Hypoxia-induced Pulmonary Hypertension

108. **Kaiser Bijli**, Instructor, Pulmonary  
   Proline-Rich Tyrosine Kinase 2 Regulates NF-κB and PPARγ to Promote Pulmonary Vascular Wall Cell Proliferation

109. **Kaiser Bijli**, Instructor, Pulmonary  
   Loss of PPARγ Engages ERK 1/2-NF-κB -Nox4-H₂O₂ Signaling Axis to Promote Proliferation of Human Pulmonary Artery Smooth Muscle Cells

110. **Nathaniel Himmel**, Student, Nephrology  
   Purinergic Signaling is Enhanced in the Absence of UT-A1 and UT-A3
91. **Gloria Torres**, Postdoctoral Fellow, Cardiology
   *Polymerase Delta Interacting Protein 2 Regulates Mitochondrial Morphology and Energy Production in Vascular Smooth Muscle Cells*

92. **Xiaonan Wang**, Associate Professor, Nephrology
   *Does Autophagosome-Proteolysis Contribute to CKD-Induced Muscle Atrophy?*

93. **Jessica Alvarez**, Instructor, Endocrinology
   *Discovery-Based, High-Resolution Plasma Metabolomics Following a Vitamin D3 Intervention in Adult Patients with Cystic Fibrosis*

94. **Malcolm Kearns**, Graduate Student, Endocrinology
   *A Single, Large Bolus of Vitamin D in Healthy Adults Over the Winter and Following Year: A Randomized, Double Blind, Placebo Controlled Trial*

95. **Sahar Tabatabavakili**, Research Associate, Digestive Diseases
   *Glial Cell Line-Derived Neurotrophic Factor (GDNF) Induces Liver Defatting - A Novel Strategy to Enable Transplantation of Steatotic Livers*

96. **Lin Tan**, Postdoctoral Fellow, Cardiology
   *Impact of Preadolescent Malnutrition on Heart Growth*

97. **Camille Vaughan**, Assistant Professor, General Medicine & Geriatrics
   *The Association of Vitamin D with Incident Urinary Incontinence in Older Adults*

98. **Arshad Ali**, Postdoctoral Fellow, Nephrology
   *A Multidisciplinary Approach is Successful in Improving Vascular Access Outcomes in an Underserved Dialysis Population in a Large Indigent-Care Public Hospital*

99. **Sofian Al-Khatib**, Postdoctoral Fellow, Nephrology
   *Guillian-Barre Syndrome and Lupus Nephritis: Simultaneous Presentation and Remission. A Case for Neuro-Renal Syndromes*

100. **Barrett Bowling**, Assistant Professor, General Medicine & Geriatrics
    *Accuracy of the CMS-2728 to Identify Nursing Home Care in Older Incident End-Stage Renal Disease Patients*

22. **Russell Kempker**, Assistant Professor, Infectious Diseases
    *Amplified Drug Resistance and Association with Poor Outcomes among Patients with Multidrug-Resistant Tuberculosis*

23. **Russell Kempker**, Assistant Professor, Infectious Diseases
    *Intra Cavitary Penetration of Levofloxacin among Patients with Multidrug-resistant Tuberculosis*

24. **Emily Blalock**, Postdoctoral Fellow, Rheumatology/Immunology
    *Epigenetic Regulation of Naive B Cell Activation in Systemic Lupus Erythematosus*

25. **Kristal Carthan**, Postdoctoral Fellow, Pulmonary
    *PPARγ Attenuates Hypoxia-Induced Hypertrophic Transcriptional Pathways in the Right Ventricle*

26. **Shin Woo Ha**, Research Associate, Endocrinology
    *Nano-Hydroxyapatite Stimulates Sustained Changes in Gene Expression in Differentiating Osteoblasts*

27. **Matt Hudson**, Postdoctoral Fellow, Nephrology
    *MicroRNA-182 Targets FoxO3 and Attenuates Glucocorticoid-induced Atrophic Signaling in Muscle*

28. **Bum-Yong Kang**, Instructor, Pulmonary
    *PPARγ Activation Reduces Hypoxia-Induced Endothelin-1 Expression Through Upregulation of miR-98*

29. **Pradeep Kumar**, Associate, Digestive Diseases
    *Adiponectin Agonist ADP355 Attenuates Ccl4-Mediated Liver Fibrosis: Therapeutic Implications by Multiple Molecular Mechanisms In Vivo and In Vitro*

30. **Wendy Neveu**, Postdoctoral Fellow, Pulmonary
    *Transforming Growth Factor Beta 1-induced Epigenetic Modification of Thy-1 in Primary Lung Fibroblasts*

31. **Jill Rahnert**, Postdoctoral Fellow, Nephrology
    *Decreased Nuclear CRTC Contributes to the Dexamethasone-Induced Reduction in PGC-1α Expression in Muscle Cells*
32. Amir Rezvan, Assistant Professor, Cardiology
   Circulating miR-146a Shows Positive Correlation with Arterial Stiffness and Negative Correlation with Aerobic Exercise Capacity among Healthy Adults

33. Amir Rezvan, Assistant Professor, Cardiology
   ZBTB46 is a Shear Stress Sensitive Transcription Factor in Endothelial Cells Contributing to Endothelial Cell Quiescence

34. Zhihong Yuan, Sr. Research Specialist, Pulmonary
   TREM-1 Accentuates Lung Injury by Inducing Mir-155 and Mir-147 in Macrophages

35. Ricardo Bonilla-Alicea, Graduate Student, Cardiology
   Patient-Specific Left-Ventricle Assist Device (LVAD) Anastomosis Location Optimization

36. Gregory Burkman, Resident, Cardiology
   Adjudicated Versus “Administrative” Heart Failure with Preserved Ejection Fraction

37. Kanwal Farooq, Research Intern, Cardiology
   Pulmonary Function Testing and Prognosis in Heart Failure Patients Listed for Heart Transplantation

38. Nima Ghasemzadeh, Postdoctoral Fellow, Cardiology
   Pulmonary Artery Systolic Pressure Independently Predicts All-Cause Mortality in Patients with Coronary Artery Disease Irrespective of a Diagnosis of Heart Failure

39. Supriya Shore, Postdoctoral Fellow, Cardiology
   Characteristics, Treatments, and Outcomes of Hospitalized Heart Failure Patients Stratified by Etiologies of Non-Ischemic Cardiomyopathy: Insights from the American Heart Association Get With the Guidelines National Program

40. Max Adelman, Graduate Student, Infectious Diseases
   Active Tuberculosis Case Finding Among HIV Patients Using a WHO-recommended Screening Rule and Xpert MTB/RIF

41. Jonathan Colasanti, Postdoctoral Fellow, Infectious Diseases
   A Longitudinal Approach to Looking at Retention in Care and Viral Suppression Across the HIV Care Continuum

80. Jerid Robinson, Postdoctoral Fellow, Endocrinology
   T Cell Expressed CD40L Potentiates the Bone Anabolic Effect of Intermittent PTH Treatment

81. Xiaoqian Wang, Research Associate, Rheumatology/Immunology
   Hyperresponsiveness of B cells in Systemic Lupus Erythematosus Patients to IL-10

82. Rebecca Levit, Assistant Professor, Cardiology
   Modulation of Neutrophil Activity Using Encapsulated Mesenchymal Stem Cells for Cardiac Ischemia-Reperfusion

83. Sujan Reddy, Postdoctoral Fellow, Infectious Diseases
   Risk of Recurrent Clostridium Difficile Infection: Impact of Diagnostics and Treatment

84. Kiyoko Takemiya, Postdoctoral Fellow, Cardiology
   A Novel Imaging Approach for the Detection of Subclinical Bacterial Infections Involving Medical Devices

85. Jau-Yi Li, Instructor, Endocrinology
   Gut Microbiota Plays a Pivotal Role in the Bone Loss Induced By Sex Steroid Deficiency

86. Amar Mandalia, Resident, Digestive Diseases
   Comparison of Route and Immunocompromised Status in Patients Receiving Fecal Microbiota Transplantation for Clostridium Difficile

87. William Tauxe, Graduate Student, Infectious Diseases
   Fecal Microbiota Transplant for Clostridium Difficile Disease in Older Adults

88. Laura Hansen, Postdoctoral Fellow, Pulmonary
   Satellite Cells are the Major Source of the Receptor for Advanced Glycation End Products and Play a Role in Collateral Growth

89. Samuel Molina, Postdoctoral Fellow, Pulmonary
   Cross-talk Between Connexin 43 and CFTR in ER Quality Control

90. Russ Price, Professor, Nephrology
   Docosahexaenoic Acid Attenuates Palmitate-Induced Unfolded Protein Response in C2C12 Myotubes
70. Elizabeth Iffrig, Graduate Student, Cardiology
   A Novel Modified Womersley Solution to Calculate Longitudinal Wall Shear Stress in a Large Vessel Using 2D Phase Contrast MRI: Comparing Oscillatory Shear in Men and Women

71. Brandi Wynne, Postdoctoral Fellow, Nephrology
   Co-localization and Fluorescence Resonance Energy Transfer (FRET) Demonstrate Interaction between the Sodium Chloride Cotransporter (NCC) and the Epithelial Sodium Channel (ENaC)

72. Christa Caesar, Graduate Student, Cardiology
   Increased Mechanical Strain with Hypertension Leads to Inflammation of the Aorta

73. Asiya Chida, Postdoctoral Fellow, Rheumatology/Immunology
   Characterization of Reactivity in an Expanded Autoreactive VH4-34 Clones in SLE

74. Jairo Fonseca, Research Associate, Infectious Diseases
   A Chimeric Plasmodium Vivax CSP Vaccine Candidate Induces a Multifunctional T Cell Response

75. H. Travis Ichikawa, Postdoctoral Fellow, Rheumatology/Immunology
   Antigen Specific and Nonspecific Activation of IgG Memory Cells in SLE Blood

76. Scott Jenks, Instructor, Rheumatology/Immunology
   Phenotypic and Functional Characterization of an Expanded IgD- CD27– Memory B Cells Subset in Systemic Lupus Erythematosus

77. Sarah Kabbani, Postdoctoral Fellow, Infectious Diseases
   Identification of Circulating CD4+ T Follicular Helper Cell (TFH) Response after Smallpox Vaccination

78. Lilin Lai, Sr. Research Associate, Infectious Diseases
   Baseline Levels of Influenza-Specific Memory B- and T-Cells Modulate Human Immune Responses to a Swine Variant Influenza A/H3N2 Vaccine

79. Michael Reott, Postdoctoral Fellow, Endocrinology
   Effects of Parathyroid Hormone Treatment on Skin Allograft Rejection in Mice
52. **Paula Frew**, Assistant Professor, Infectious Diseases
   An Integrated Service Delivery Model to Identify Persons Living with HIV and to Provide LINKage to HIV Treatment and Care in Prioritized Neighborhoods

53. **Saket Kumar**, Undergraduate Student, Cardiology
   South Asian Immigrants Have Similar Indices of Vascular Function Compared to African Americans

54. **Brendan Lovasik**, Graduate Student, Endocrinology
   Geographic Determinants of Low Pre-ESRD Nephrology Care in the United States

55. **Brendan Lovasik**, Graduate Student, Endocrinology
   Racial Differences in Preemptive Referral For Kidney Transplant Evaluation

56. **Christopher O'Donnell**, Assistant Professor, General Medicine & Geriatrics
   Patient Acuity Scores to Prevent Rapid Responses

57. **Oluwatobiloba Osikoya**, Undergraduate Student, Nephrology
   Pure Proliferative Lupus Nephritis versus Mixed Proliferative Lupus Nephritis: A Comparison of Demographic and Clinical Characteristics

58. **Angela Pham**, Postdoctoral Fellow, Rheumatology/Immunology
   Relationship of Sociodemographic and Disease Factors with Loss to Follow-Up and Appointment Noncompliance in Indigent Patients with Systemic Lupus Erythematosus

59. **Carmen Polito**, Postdoctoral Fellow, Pulmonary
   Pre-Hospital Identification of Patients with Severe Sepsis: Development and Validation of a Novel Risk Prediction Score

60. **Francois Rollin**, Instructor, General Medicine & Geriatrics
   Screening for Chronic Hepatitis C in the Birth Cohort in a Large Urban Primary Care Center

61. **Jia Shen**, Postdoctoral Fellow, Cardiology
   Low Neighborhood Cohesion is Associated with Poor Sleep Quality: The Morehouse and Emory Partnership To Eliminate Cardiovascular Health Disparities (META-Health) Study

62. **Jia Shen**, Postdoctoral Fellow, Cardiology
   Associations between Neighborhood Characteristics and Inflammation: The Morehouse and Emory Team Up To Eliminate Health Disparities (META-Health) Study

63. **Supriya Shore**, Postdoctoral Fellow, Cardiology
   Site-Level Variation and Associated Strategies for Improving Adherence to Newer Anticoagulants: Insights from the National Veterans Health Administration System

64. **Ann Vandenberg**, Instructor, General Medicine & Geriatrics
   Evaluating an Electronic Health-Record Medication Ordering Clinical Decision Support Tool: Needs and Barriers to Use

65. **Kobina Wilmot**, Postdoctoral Fellow, Cardiology
   Race Differences in Hemodynamic Responses to Acute Mental Stress and the Role of Depressive Symptoms

66. **Raghda Al-Anbari**, Research Intern, Cardiology
   Preoperative Echocardiography Predicts Right Ventricular Failure After Implantation of Left Ventricular Assist Devices: Interim Results from a Prospective Cohort Study

67. **Albert Anderson**, Assistant Professor, Infectious Diseases
   CSF Biomarkers Correlate with Magnetic Resonance Spectroscopy Metabolites During HIV Disease

68. **Edward Clermont**, Resident, Cardiology
   Radiofrequency Ablation Lesion Monitoring Using Imbedded Micro-Electrodes versus Standard Bipolar Electrograms

69. **Charity Duran**, Postdoctoral Fellow, Cardiology
   Role of NADPH Oxidase 1 in Actin Cytoskeleton Remodeling During PDGF-Induced Migration