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JULY 2017– JUNE 2018
A. **Publications**


phospholipase A2 and risk of incident peripheral arterial disease: findings from the Atherosclerosis Risk in Communities study (ARIC). *Atherosclerosis* 2017;268:12–18.


59. Chelu MG, Li N. Biomarkers (plasma trimethylamine-N-oxide) to predict atrial fibrillation: are we there yet? *Int J Cardiol* 2018 [Epub ahead of print].


64. Navaneethan SD, Virani SS. Omega-3 fatty acids (fish oil) supplementation and albuminuria: not a slam dunk. *J Am Heart Assoc* 2017;6:e006020.


B. Awards and honors

1. Ballantyne: Houston Chronicle Top Doctors 2017
2. Ballantyne: Castle Connaly Top Doctors: Southeast Texas, Castle Connaly Medical Ltd., 2017
3. Ballantyne: Castle Connaly Top Doctors in Texas for the Speciality of Cardiovascular Disease, Castle Connally Medical Ltd., 2017
4. Ballantyne: Castle Connoly Top Doctors in America, Castle Connally Medical Ltd., 2018
5. **Ballantyne**: Selected by his peers for inclusion in Best Doctors in America®, Best Doctors, Inc., Aiken, South Carolina, 2018
6. **Ballantyne**: 2017 Highly Cited Researcher presented by Clarivate Analytics, Web of Science, top 1% of researchers most cited
7. **Entman**: International Academy of Cardiovascular Sciences Lifetime Achievement Award in Cardiovascular Science, Medicine and Surgery, August 2017
8. **Li**: University of Houston Teaching Excellence Award for Group Teaching, 2017–2018
9. **Virani**: Norton Rose Fulbright Faculty Excellence Award, Development of Enduring Educational Materials, Baylor College of Medicine
10. **Virani**: Inducted into Best Doctors database

**C. Professional organization/association offices held**

1. **Ballantyne**: Chair, LDL: Address the Risk Think Tank, American College of Cardiology
2. **Ballantyne**: Writing Committee, Expert Consensus Decision Pathway on the Role of Non-Statin Therapies for LDL-Cholesterol Lowering in the Management of Atherosclerotic Cardiovascular Disease Risk, American College of Cardiology
3. **Ballantyne**: Board, American Society for Preventive Cardiology
4. **Ballantyne**: Board, National Lipid Association
5. **Ballantyne**: Scientific Meeting Committee, National Lipid Association
6. **Ballantyne**: Co-chair, Project Review Committee, National Lipid Association
7. **Brunner**: Member, Grant Peer Review Committee, Innovative Project Award (IPA) Committee, American Heart Association
8. **Jones**: Chief Science Officer, National Lipid Association
9. **Virani**: Chair, Leadership Council and Council for the Prevention of Cardiovascular Disease, American College of Cardiology
10. **Virani**: Chair, Research and Publications Committee, PINNACLE Registry, National Cardiovascular Data Registry, American College of Cardiology
11. **Virani**: Member, LDL: Address the Risk Think Tank, American College of Cardiology
12. **Virani**: Member, Guideline Tool Work Group, 2018 ACC/AHA Cholesterol Guideline, American College of Cardiology
13. **Virani**: Member, Research to Practice (R2P) Initiative Work Group, National Cardiovascular Data Registry, American College of Cardiology
14. **Virani**: Topic Coordinator (Prevention), Annual Scientific Session Program Committee, American College of Cardiology
15. **Virani**: Chair, Heart Disease and Stroke Statistics Committee, American Heart Association
16. **Virani**: Member, EPI Leadership Committee, Council on Epidemiology and Prevention, American Heart Association
17. **Virani**: Board of Directors, American Society of Preventive Cardiology
18. **Wu**: Member, Grant Peer Review Committee, Lipids BSc 2 Committee, American Heart Association

**D. Editorial board memberships and editorial positions**

1. **Ballantyne**: Editorial Director, lipidsonline.org
2. **Ballantyne**: Editorial Board, *Circulation*
3. **Ballantyne**: Editorial Board, *Clinical and Translational Science*
4. **Ballantyne**: Editorial Board, *Current Cardiology Reviews*
5. **Ballantyne**: Editorial Board, *Future Lipidology*

6. **Cruz**: Editorial Board, *Thrombosis & Haemostasis: Research*

7. **Foreyt**: Editorial Board, *American Journal of Health Behavior*

8. **Foreyt**: Editorial Board, *American Journal of Health Promotion*


10. **Foreyt**: Editorial Board, *Childhood Obesity*

11. **Foreyt**: Editorial Board, *Nutrition Today*

12. **Foreyt**: Editorial Board, *Obesity and Weight Management*

13. **Foreyt**: Editorial Board, *Obesity Research and Clinical Practice*

14. **Jones**: Associate Editor, *Journal of Clinical Lipidology*

15. **Pi**: Guest Editor, *Oxidative Medicine and Cellular Longevity*

16. **Pi**: Review Editor, *Arteriosclerosis, Thrombosis and Vascular Biology*

17. **Pi**: Review Editor, *Frontiers*

18. **Pi**: Review Editor, *Journal of Molecular and Cellular Cardiology*

19. **Pi**: Review Editor, *Nature Communications*

20. **Virani**: Associate Editor, Innovations, ACC.org

21. **Virani**: Editorial Team Member and Chair for Digital Strategy, Cardiovascular Prevention Section, ACC.org (educational web portal for the American College of Cardiology)

22. **Virani**: Advisory Board, *Advances in Therapy*

23. **Virani**: Guest Editor, *Circulation*

24. **Virani**: Editorial Board, *Circulation*

25. **Virani**: Section Editor, "Coronary Heart Disease," *Current Atherosclerosis Reports*

26. **Virani**: Associate Editor, *Journal of Clinical Lipidology* (Section specialty: Cardiovascular Outcomes and Guidelines)

27. **Virani**: Associate Editor, *Global Heart* (Official Journal of the World Heart Federation)

28. **Wu**: Guest Associate Editor, *Frontiers in Immunology* (T cell biology in adipose tissue)

29. **Wu**: Editorial Board, *Archives of Inflammation*

30. **Wu**: Editorial Board, *International Journal of Hematology Research*

31. **Wu**: Editorial Board, *Journal of Pediatric Endocrinology*

32. **Wu**: Editorial Board, *JSM Atherosclerosis*

33. **Wu**: Editorial Board, *SM Journal of Endocrinology and Metabolism*

**E. Other significant accomplishments**

1. **Brunner**: Reviewer, Biomedical Imaging Technology Study Section–A, Center for Scientific Review, NIH, Bethesda, MD

2. **Brunner**: Reviewer and "Application Chair," ZRG1 MOSS-D (82) A NIH study Section (Musculoskeletal, Oral, Skin, Rheumatology and Rehab Sciences [R15])

3. **Brunner**: Invited Keynote Speaker, "Skeletal Calf Muscle Perfusion Measurement To Assess Peripheral Arterial Disease," 10th European Symposium Of Vascular Biomaterials Strasbourg, France

4. **Brunner**: Invited Guest Speaker, Special Seminar on Magnetic Resonance Imaging in Peripheral Artery Disease, Penn State Heart and Vascular Institute, Penn State Health Milton S. Hershey Medical Center, Hershey, PA

5. **Brunner**: Invited Speaker, "Inflammation, Microvascular Perfusion, and Peripheral Arterial Disease," George and Angelina Kostas Research Center for Cardiovascular Nanomedicine, Annual International Meeting, Houston, TX

6. **Brunner**: Invited Presenter, "Inflammation, Microvascular Perfusion and Peripheral Arterial Disease," American Heart Association Reverse Site Visit as one of the 9
finalists the Clinical Project of the Strategically Focused Vascular Disease Research Network (Center Director: John P. Cooke), Dallas, TX

7. **Brunner:** Invited Presenter, "Advanced Physics, Fourier Transformation Parallel Imaging, and MRI Safety," Houston Methodist Cardiovascular Magnetic Resonance Workshop, DeBakey Institute for Cardiovascular Education & Training, Houston Methodist Hospital, Houston, TX

8. **Brunner:** Didactic Lectures, Cardiovascular sciences graduate course (GS-CS-411)—Cardiovascular Physiology, and Structural Basis of Human Diseases (GS-SB-423), BCM

9. **Brunner:** Poster Judge, 3rd Annual VA Research Poster Session. Michael E. DeBakey VA Medical Center, Houston, TX

10. **Cruz:** Invited lecture, "A Novel Target to Prevent Microvascular Thrombosis and Multiple Organ Dysfunction Syndrome in Sepsis," Microbiology & Immunology, UTMB

11. **Cruz:** Invited lecture, "Novel Targets to Prevent Microvascular Thrombosis in Sepsis," CVRI seminar series, BCM

12. **Li:** Ad hoc reviewer, 2018 NIH ESTA Study Section

13. **Li:** Ad hoc reviewer, 2017 Farouk Jabre Research Proposal

14. **Li:** Invited lecture, "The inflammasome in AF," Heart Failure Association Winter Meeting on Translational Heart Failure Research 2018, Les Diablerets, Switzerland

15. **Li:** Invited lecture, "Emerging role of the inflammasome as novel target in atrial fibrillation therapy," American Heart Association Scientific Session 2017, Anaheim, CA

16. **Li:** Invited lecture, "Role of Cardiac Inflammasome in the Pathogenesis of Atrial Fibrillation," IMBS 2018 Research Conference and Retreat, BCM

17. **Li:** Invited lecture, "Emerging Role of Cardiac Inflammasome In the Development of Atrial Fibrillation," CVRI seminar series, BCM

18. **Li:** Invited conference moderator, Ion Channels and Arrhythmias session, American Heart Association Basic Cardiovascular Sciences (BCVS) Council Scientific Sessions 2017, Portland, OR

19. **Pi:** Invited lecture, "A secret life of the vascular endothelium," Society of Chinese Bioscientists in America–Texas Chapter annual symposium

20. **Pi:** Invited lecture, "The role of vascular endothelium in metabolic health," Texas Heart Institute seminar series

21. **Pi:** Course organizer, TBMM graduate program Bench to Bedside Series, Term 3: Current topics in translational cardiovascular medicine

22. **Pi:** Seminar host, TBMM graduate program Bench to Bedside Series. "Ahoy CRISPR" presented by Dr. Joseph M. Miano, University of Rochester

23. **Pi:** Poster judge, CVRI 2018 Symposium, BCM

24. **Pi:** Grant proposal reviewer, CVRI Pilot Awards, BCM

25. **Pi:** Reviewer of graduate student candidates, Molecular Physiology & Biophysics Graduate Program, BCM

26. **Pi:** Member of Graduate student committee for Nirva Mumcuyan, Developmental Biology Program, BCM

27. **Virani:** Invited speaker, Global Cardiovascular Disease Prevention webinars in Indonesia, Malaysia, Vietnam, and UAE

28. **Wu:** Member, NIH/NIGMS SCORE Grant Review Panel

29. **Wu:** Member, American Heart Association Grant Peer Review Committee, Lipids BSc Committee

30. **Wu:** Member, Immunology Graduate Program Qualifying Exam Committee, BCM

31. **Wu:** Member, Immunology Graduate Admission Committee, BCM

32. **Wu:** English language interviewer, J1 visa candidates, BCM

33. **Wu:** Poster judge, CVRI 2018 Symposium, BCM
34. **Wu**: Didactic Lecture, Cardiovascular Disease and Pathology (GS-CS-412), BCM
35. **Wu**: Judge, Young Investigator Award Oral Presentation, 2018 CAAC-MPVD-ATVB Symposium, San Francisco, CA

### F. Grants

1. **Ballantyne (co-PI)**: Profiling Cardiovascular Events and Biomarkers in the Very Old to Improve Personalized Approaches for the Prevention of Cardiac and Vascular Disease; NIH/NHLBI (R01); annual direct costs $549,802 (09/01/2016–08/31/2020)
2. **Ballantyne (coinvestigator)**: Atherosclerosis Risk in Communities (ARIC) Study–Field Centers; NIH; annual direct costs $311,673 (11/15/2016–11/14/2021)
3. **Ballantyne (coinvestigator)**: Monocyte Activation and the Role of CD11c in Obesity-Linked Metabolic Syndrome; NIH/NHLBI (R01); annual direct costs $241,769 (04/01/2015–03/31/2020)
4. **Ballantyne (coinvestigator)**: Diabetes and Prediabetes in Older Adults; NIH/NIDDK (R01); annual direct costs $36,371 (01/01/2016–12/31/2020)
5. **Ballantyne (coinvestigator)**: miRNAs, Whole Diet, and Coronary Heart Disease; NIH/NHLBI (R56); total direct costs $12,147 (09/01/2016–08/31/2018)
6. **Ballantyne (coinvestigator)**: Comparative Effectiveness of Physicians versus Non-physicians for the Delivery of Outpatient Diabetes Care: Implications for Access to Care under the Affordable Care Act; American Diabetes Association; total direct costs: $486,957 (01/01/2014–12/31/2017)
7. **Ballantyne (PI)**: The Familial Hypercholesterolemia Foundation Cascade-FH Registry; Duke University; total direct costs $20,000 (07/01/2014–06/30/2019)
8. **Ballantyne (PI)**: Measurement of Galectin-3 at Visit 4 and Visit 5 for the Full ARIC Cohort; Abbott Laboratories; total direct costs $31,500 (03/14/2014–07/31/2018)
9. **Ballantyne (PI)**: hsTroponin Screening at Visit 4 and Visit 5 for the Full ARIC Cohort; Abbott Laboratories; total direct costs $371,965 (05/12/2014–05/11/2019)
10. **Ballantyne (PI)**: A Randomized, Double-blind, Placebo-controlled, Dose-ranging Phase 2 Study of ISIS 681257 Administered Subcutaneously to Patients with Hyperlipoproteinemia(a) and Established Cardiovascular Disease (CVD); Akcea Therapeutics; total direct costs $172,510 (02/28/2017–02/27/2020)
11. **Ballantyne (PI)**: A Randomized, Double-blind, Placebo-controlled, Dose-ranging Phase 2 Study of ISIS 678354 Administered Subcutaneously to Patients with Hypertriglyceridemia and Established Cardiovascular Disease; Akcea Therapeutics; total direct costs $206,886 (03/08/2018–03/07/2021)
12. **Ballantyne (PI)**: A Multicenter, Controlled, Open-Label Extension (OLE) Study to Assess the Long-Term Safety and Efficacy of AMG-145; Amgen, Inc; total direct costs $43,965 (06/01/2013–02/08/2018)
13. **Ballantyne (PI)**: GAUSS-3A—Double-Blind, Randomized, Multicenter Study to Evaluate the Safety and Efficacy of AMG 145, Compared with Ezetimibe, in Hypercholesterolemic Subjects Unable to Tolerate an Effective Dose of an HMG-CoA Reductase Inhibitor due to Muscle Related Side Effects; Amgen, Inc; total direct costs $60,085 (02/18/2014–03/21/2018)
14. **Ballantyne (PI)**: A Multicenter, Open-Label, Single-Arm, Extension Study to Assess Long-Term Safety of Evolocumab Therapy in Patients with Clinically Evident Cardiovascular Disease; Amgen Inc; total direct costs $45,670 (08/17/2016–12/31/2021)
15. **Ballantyne (PI)**: A Randomized, Double-Blind, Placebo-Controlled, Multicenter Long-
Term Safety and Tolerability Study of ETC 1002 in Patients with Hyperlipidemia at High Cardiovascular Risk Who Are Not Adequately Controlled by Their Lipid-Modifying Therapy; Esperion Therapeutics; total direct costs $62,963 (06/27/2016–06/29/2018)

16. Ballantyne (PI): A Randomized, Double-Blind, Placebo-Controlled Study to Assess the Effects of Bempedoic Acid (ETC-1002) on the Occurrence of Major Cardiovascular Events in Patients with, or at High Risk for, Cardiovascular Disease Who Are Statin Intolerant; Esperion Therapeutics; total direct costs $40,614 (05/17/2017–04/30/2020)

17. Ballantyne (PI): A randomized, double-blind, placebo-controlled, parallel group, multicenter study to evaluate the efficacy and safety of bempedoic acid (ETC1002) 180 mg/day as add-on to ezetimibe therapy in patients with elevated LDL-C; Esperion Therapeutics; total direct costs $29,253 (06/07/2017–04/25/2018)

18. Ballantyne (PI): A Randomized, Double-Blind, Parallel-group Study to Evaluate the Efficacy and Safety of Bempedoic Acid 180 mg + Ezetimibe 10 mg Fixed-dose Combination Compared to Bempedoic Acid, Ezetimibe, and Placebo Alone in Patients Treated With Maximally Tolerated Statin Therapy; Esperion Therapeutics; total direct costs $21,194 (11/29/2017–11/17/2018)


22. Brunner (PI): MRI Based Calf Muscle Perfusion to Assess Patients with Symptomatic PAD; NIH/NHLBI (R01); annual direct costs $350,417 (08/01/2017–07/31/2022)

23. Brunner (coinvestigator): Biomarker Guided Therapies in Stage A/B Heart Failure; VA Office of Research and Development; annual direct costs $14,189 (04/01/2014–03/31/2019)

24. Cieslik (co-PI): Trafficking Leukocytes in the Aging Mouse Heart: in Vivo MRI and Flow Cytometry; BCM Cardiovascular Research Institute Pilot Award (09/01/2017–06/30/2018)

25. Cieslik (coinvestigator): Role of Blood-Borne Fibroblast Precursors in Ischemic Cardiomyopathy; NIH/NHLBI (R01); annual direct costs $250,000 (07/01/2007–11/30/2017)

26. Cieslik (PI): A Spontaneous Mutation in Nnt Gene Promotes Cardiac Fibrosis in the Aging Heart; The Medallion Foundation; total direct costs $50,000 (07/01/2015–12/31/2018)

27. Cruz (multi-PI): Microvascular Thrombosis in Systemic Inflammation; NIH/NIGMS (R01); annual direct costs $220,000 (09/25/2014–05/31/2019)

28. Cruz (co-PI): Role of Vimentin in Thrombosis and Stroke; NIH/NINDS (R01); annual direct costs $381,958 (09/01/2016–05/31/2021)

29. Entman (PI): Role of Blood-Borne Fibroblast Precursors in Ischemic Cardiomyopathy; NIH/NHLBI (R01); annual direct costs $250,000 (07/01/2007–11/30/2017)

30. Entman (PI): Researching the Aging Heart; The Curtis and Doris K. Hankamer Foundation; annual direct costs $40,000 (01/01/2001–12/31/2018)
31. **Foreyt (PI):** Study of Health Outcomes of Weight-Loss (Look AHEAD) Trial; NIH/NIDDK (U01); annual direct costs $152,265 (09/01/1999–01/31/2019)
32. **Foreyt (PI):** Vitamin D to Prevent Type 2 Diabetes (D2d Study); NIH/NIDDK (U01); annual direct costs $45,309 (06/01/2013–01/31/2019)
33. **Hoogeveen (coinvestigator):** Atherosclerosis Risk in Communities (ARIC) Study—Field Centers; NIH/NHLBI; annual direct costs $311,673 (11/15/2016–11/14/2021)
34. **Hoogeveen (coinvestigator):** Diabetes and Pre-diabetes in Older Adults; NIH/NIDDK (R01); total direct costs $200,000 (09/01/2016–12/31/2020)
35. **Hoogeveen (coinvestigator):** Endogenous Hormones and Postmenopausal Breast Cancer: Etiologic Insights and Improving Risk Prediction; NIH/NCI; annual direct costs $76,772 (06/15/2017–03/31/2022)
36. **Hoogeveen (PI):** Relation of Lipoprotein(a) and Small Dense LDL-C (sdLDL-C) to Incident CHD and Stroke: the ARIC Study; Denka Seiken Co, Ltd; annual direct costs $18,021 (10/01/2010–12/31/2017)
37. **Hoogeveen (PI):** Relationship of Small-Dense LDL Cholesterol (sdLDL-C) and Lp(a) with Progression of Atherosclerosis in the Study of Coronary Atheroma by Intravascular Ultrasound: Effect of Rosuvastatin versus Atorvastatin (SATURN) Trial; Denka Seiken Co, Ltd (11/01/2013–12/31/2017)
38. **Hoogeveen (PI):** Lipoprotein Subfractions Study: the ARIC Study; Denka Seiken Co, Ltd; annual direct costs $56,750 (11/01/2015–08/31/2018)
39. **Jones:** A Multi-center, Prospective, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Effect of AMR101 on Cardiovascular Health and Mortality in Hypertriglyceridemic Patients with Cardiovascular Disease or at High Risk for Cardiovascular Disease: REDUCE-IT (Reduction of Cardiovascular Events with EPA Intervention Trial); Amarin Pharmaceuticals; total direct costs $25,000 (06/01/2012–12/31/2018)
40. **Li (PI):** Inflammasome Mediated Pathogenesis of Atrial Fibrillation; NIH/NHLBI (R56); annual direct costs $250,000 (09/01/2016–08/31/2018)
41. **Li (PI):** The Role of Inflammasome in the Pathogenesis of Atrial Fibrillation; NIH/NHLBI (R01); annual direct costs $379,069 (09/01/2017–06/30/2021)
42. **Li (PI):** Transcriptional Regulation of Ryanodine Receptor 2 in Atrial Fibrillation; American Heart Association Scientist Development Grant; annual direct costs $379,069 (09/01/2017–06/30/2021)
43. **Li (coinvestigator):** Novel Roles of FE2+, 2-Oxoglutarate-Dependent Dioxygenases in Cardiac Function; NIH/NHLBI (R01); annual direct costs $250,000 (09/01/2015–08/31/2020)
44. **Li (coinvestigator):** Pitx2 in Atrial Fibrillation; NIH/NHLBI (R01); annual direct costs $327,304 (02/01/2018–02/28/2023)
45. **Nambi (PI):** Biomarker Guided Therapies in Stage A/B Heart Failure; VA Office of Research and Development; annual direct costs $14,189 (04/01/2014–03/31/2019)
46. **Nambi (PI):** TIMI 55/REVEAL (Randomized Evaluation of the Effects of Anacetrapib through Lipid-Modification): A Large Scale, Randomized, Placebo-Controlled Trial of the Clinical Effects of Anacetrapib among People with Established Vascular Disease; Brigham and Women's Hospital; total direct costs $150,000 (11/01/2011–02/28/2019)
47. **Pi (PI):** LRP1 and Endothelial Function; NIH/NHLBI (R01); annual direct costs $250,000 (08/01/2013–05/31/2019)
48. **Pi (PI):** Signaling in Endothelial Growth and Angiogenesis; NIH/NHLBI (R01); annual direct costs $250,000 (12/18/2013–12/31/2018)
49. **Trial (coinvestigator):** Role of Blood-Borne Fibroblast Precursors in Ischemic Cardiomyopathy; NIH/NHLBI (R01); annual direct costs $250,000 (07/01/2007–11/30/2017)

50. **Vijayan (PI):** Serine/Threonine Phosphatases and Platelet Physiology; NIH/NHLBI (R01); annual direct costs $250,000 (03/01/2013–02/28/2019)

51. **Vijayan (multi-PI):** Microvascular Thrombosis in Systemic Inflammation; NIH/NIGMS (R01); annual direct costs $220,000 (09/25/2014–05/31/2019)

52. **Vijayan (PI of subcontract to Baylor College of Medicine):** Aspirin-PC for Chemoprevention of Colorectal Cancer; NIH/NCI (R42); annual direct costs $86,000 (05/01/2017–04/30/2019)

53. **Vijayan (PI):** PP2B Modulates RhoA Activation and Platelet Function by Targeting RhoGDI; American Heart Association; annual direct costs $70,000 (07/01/2017–06/30/2019)

54. **Virani (PI):** Comparative Effectiveness of Physicians versus Non-physicians for the Delivery of Outpatient Diabetes Care: Implications for Access to Care under the Affordable Care Act; American Diabetes Association; total direct costs: $486,957 (01/01/2014–12/31/2017)

55. **Virani (PI):** Determining and Targeting Reasons for Low Statin Use to Improve Guideline-Concordant Statin Therapy in High-Risk Patients; VA Merit Award; total direct costs: $1,097,703 (07/01/2017–06/30/2021)

56. **Wu (PI):** Monocyte Activation and the Role of CD11c in Obesity-Linked Metabolic Syndrome; NIH/NHLBI (R01); annual direct costs $241,769 (04/01/2015–03/31/2020)

57. **Wu (PI):** ApoCIII, Triglyceride-Rich Lipoproteins and Atherogenesis; American Heart Association; total direct costs $140,000 (07/01/2016–06/30/2019)

58. **Wu (PI):** Macrophage/Dendritic Cell Activation and Inflammation in Diet-Induced Obesity; American Diabetes Association; annual direct costs $104,546 (01/01/2017–12/31/2019)

59. **Wu (co-PI):** Imaging Monocyte Tracking into Atherosclerosis and Adipose Tissue in Mice; BCM Cardiovascular Research Institute Pilot Award; total direct costs $15,000 (09/01/2017–06/30/2018)

60. **Xie (PI):** Novel Roles of Fe²⁺, 2-Oxoglutarate-Dependent Dioxygenases in Cardiac Function; NIH/NHLBI (R01); annual direct costs $250,000 (09/01/2015–08/31/2020)

61. **Xie (coinvestigator):** LRP1 and Endothelial Function; NIH/NHLBI (R01); annual direct costs $250,000 (08/01/2013–05/31/2019)

62. **Xie (coinvestigator):** Signaling in Endothelial Growth and Angiogenesis; NIH/NHLBI (R01); annual direct costs $250,000 (12/18/2013–12/31/2018)
Endocrinology, Diabetes, and Metabolism

JULY 2017– JUNE 2018
August 29, 2018

Dear Colleagues,
Together with the entire faculty of the Endocrinology, Diabetes & Metabolism Section, I would like to welcome everybody to our 2018 Annual Report. 2018 has been an eventful year for us, with new unique contributions in research, scholarship, clinical care and education. The section has published more than 50 papers, many of them in top journals, and has been the recipient of an unprecedented six NIH R01 grants. We have been active in national and international meetings and organizations and offer daily medical care to the Houston community at the Baylor St. Luke’s Medical Center, the Michael E. DeBakey VA Medical Center, Ben Taub General Hospital, Smith Clinic and the St. Thomas Street Clinic. Our trans-institutional fellowship program with MD Anderson Cancer Center and Texas Children Hospital graduates five outstanding new endocrine fellows every year. As we are about to enter the third decade of the XXI century, our faculty is 100% committed to advance the science and clinical practice of endocrinology, diabetes & metabolism to the next level. Please enjoy and thank you for your interest.

Marco Marcelli M.D.
Ad interim chief
Section of Endocrinology, Diabetes & Metabolism
Section of Endocrinology, Diabetes and Metabolism  
Department of Medicine, Baylor College of Medicine  
(1 July 2017–30 June 2018)

Faculty
Agarwal, Neeti Ph.D.  McKay, Siripoom M.D.  
Bajaj, Mandeep M.D.  Mediwala, Sanjay N M.D.  
Balasubramanyam, Ashok M.D.  Mehta, Munira O.D.  
Boparai, Jasmine M.D.  Pietropolo, Massimo M.D.  
Chen, Rui M.D.  Ram, Nalini M.D.  
Dufrane, Nancy Greta Renee  Samson, Susan Leanne M.D.  
Gaba, Ruchi M.D.  Sekhar, Rajagopal Viswanath M.D.  
Garber, Alan J M.D., Ph.D.  Sun, Zheng Ph.D.  
Ha, Ngueyn M.D.  Vasudevan, Madhuri M.D., M.P.H.  
Hartig, Sean Ph.D.  Villareal, Dennis M.D.  
Jiang, Bryan M.D.  Villareal, Reina M.D.  
Marcelli, Marco M.D.  Zhang, Li Ph.D.  

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A. Publications


8. Birnbaum Y, Ye Y, **Bajaj M**. Type 2 Diabetes and CVD: A Metabolic Overview of Recent Clinical Trials. *J Diabetes Complications* 2017;31:291. PMID: 27780670


11. Chen E, Tsai TH, Li L, Saha P, Chan L, Chang BH. PLIN2 is a Key Regulator of the Unfolded Protein Response and Endoplasmic Reticulum Stress Resolution in Pancreatic β Cells. Scientific Reports. 2017;7:40855. PMID: 28102311

12. Chen Y, Chen H, Birnbaum Y, Nanhwan MK, Bajaj M, Ye Y, Qian J. Aleglitazar, a dual PPARα and PPARγ agonist, protects cardiomyocytes against the adverse effects of hyperglycemia. Diab Vasc Dis Res. 2017;14:152. PMID 28111985


44. Szafran TA, Marcelli M, Mancini MA High content screening of a library of 145 FDA approved drugs for the identification of novel inhibitors of AR and AR variant-7 The *Prostate* 2017;77:82. PMID: 27699828


B. **Awards and Honors**

1. **Bajaj**: Prof. Sevim Büyükdervrim Lecture, Turkish Diabetes Association 54th National Diabetes Congress, Antalya, Turkey.
2. **Bajaj**: The Best Doctors in America, Best Doctors 2017-18.
3. **Bajaj**: Top Doctors, Houstonia Magazine 2017
4. **Garber**: Albert Nelson Marquis Lifetime Achievement Award
5. **Garber**: Best Doctors in America
6. **Garber**: Master of the American College of Endocrinology
7. **Garber**: Who’s Who in the World
8. **Hartig**: Baylor College of Medicine Nominee, ADA Pathway to Stop Diabetes Award
9. **Marcelli**: Best Doctors in America
10. **Ram**: Norton Rose Award in Teaching and Evaluation Spring 2018
11. **Ram**: Houston’s Top Physicians 2017 Castle Connolly
12. **Sekhar**: Second Place, Baylor Medicine Research Symposium, April 2018.
    - Optimal glycemic control may not be enough to prevent risk of diabetic complications – novel role of glutathione and oxidative stress
13. **Sekhar**: Second Place, Baylor Medicine Research Symposium, April 2018.
    - Reversing accelerated aging in HIV patients - metabolic and mitochondrial mechanisms
14. **Sekhar**: Star Award For Excellence in Patient Care, Baylor College of Medicine, 2017.
15. **R. Villareal**: Research Award: “Certificate of Excellence”, Director’s Townhall Meeting, November 1, 2017, MEDVAMC.
16. **Wang**: AACR Workshop on Integrative Molecular Epidemiology, Boston, MA
C. Books and Book Chapters


D. Professional Organization/Association Offices Held

1. Garber A: American Association of Clinical Endocrinologists
2. Garber A: American College of Endocrinology
3. Garber A: American Diabetes Association
4. Garber A: American Medical Association
5. Garber A: National Lipid Association
6. Garber A: The Endocrine Society
7. Garber A: AACE/ACE Committees/Task Forces
   o Board of Directors
   o Advisor to the President
   o Lipids Scientific Committee
   o Obesity Scientific Committee
   o Obesity Resource Center
   o Chair, AACE/ACE Task Force to Update the Comprehensive Diabetes
   o Management Algorithm
   o Finance Committee
   o Diabetes Scientific Committee
   o Task Force on Consensus Conference on the Endocrinology of Aging
   o Task Force to Develop AACE’s Position on the Integration of Insulin
     Pumps and Continuous Glucose Monitoring
   o Task Force to Update the Insulin Pump Management Consensus Statement
   o ACE Center for Transcultural Endocrinology Steering Committee
   o Nominating Committee
   o Task Force to Develop the AACE/ACE Lipids Algorithm
   o Chair, AACE Journals Task Force

8. Hartig S: Faculty, The Endocrine Society Career Development Workshop
9. Hartig S: Abstract reviewer, The Endocrine Society’s 100th Annual Meeting,
   Chicago, IL
10. Hartig S: Ad-hoc member, NIH CSR Cellular Aspects of Diabetes and Obesity
    Study Section (CADO)
11. Marcelli M: Abstract reviewer, The Endocrine Society’s 100th Annual Meeting,
    Chicago, IL
12. Marcelli M: The Endocrine Society
13. Marcelli M: Elected member Southern Society of Medical Investigation
14. Pietropaolo M: Reviewer, Special Emphasis Panel (SEP) Study Section
    [ZRG1-EMNR-B (50) M]. PAR-16-121: “Early-Stage Preclinical Validation of
    Therapeutic Leads for Diseases of Interest to the NIDDK (R01)” 3/2017.
15. Pietropaolo M: Reviewer for R01 and R21 grants. Kidney, Nutrition, Obesity and
    Diabetes Study Section (KNOD, NIDDK); 05/2018
16. Pietropaolo M: Chair, Immunology, Immunogenetics, & Transplantation
    Planning Committee for the 2018 National Conference of the American Diabetes
    Association, Orlando, FL.
17. **Samson S**: Elected Member, Board of Directors of the American Association of Clinical Endocrinologists
18. **Samson S**: Member, Board of Trustees, American College of Endocrinology
19. **Samson S**: Elected member, Council of the American Program Directors of Endocrinology and Metabolism (APDEM)
20. **Samson S**: Member, American Board of Internal Medicine, Self-assessment committee
21. **Samson S**: Member, American Board of Internal Medicine, Item-writing Task Force
22. **Samson S**: Chair, American Association of Clinical Endocrinologists National Congress Annual Program Committee Annual Congress, American Association of Clinical Endocrinologists
23. **Samson S**: Vice-Chair, Endocrine University Planning Committee of the American College of Endocrinology
24. **Samson S**: Member, Expert Group on Pituitary Tumors, The Pituitary Society
25. **Samson S**: Member, Committee for Professional Education, The Pituitary Society
26. **Villareal R**: American Society for Bone and Mineral Research
27. **Villareal R**: The Endocrine Society
28. **Villareal R**: American Association of Clinical Endocrinologists
29. **Villareal R**: American College of Physicians
30. **Villareal D**: National Institute on Aging Clinical Trials Advisory Panel (CTAP)
31. **Villareal D**: Task Force on Sarcopenia and Frailty, International Conference on Sarcopenia and Frailty, Miami, FL
32. **Villareal D**: Data and Safety Monitoring Board for the following NIH grant projects
   a. “Maintenance of Skeletal Integrity in Frail Elders” (RO1-AG050302)
   b. “Skeletal Muscle and Insulin Resistance in Aging (RO1-AG021961); Chairperson of the DSMB
   c. “Combining Testosterone Therapy to Improve Function Post Hip Fracture (RO1 AG051647)
33. **Villareal R**: Empowered with Movement to Prevent Obesity & Weight Regain" (RO1AG051624)
E. Editorial Board Memberships and Editorial Positions

2. Bajaj: Associate Editor, British Medical Journal Open Diabetes Research and Care
3. Garber: Editor, Endocrine Today
4. Garber: Editor (Emeritus), Diabetes, Obesity and Metabolism
5. Marcelli: Associate Editor: Journal of Investigative Medicine
6. Pietropaolo: Associate Editor, Diabetes
7. Pietropaolo: Associate Editor, PLoS ONE
8. Pietropaolo: Editorial Board, American Journal of Clinical and Experimental Immunology
9. Pietropaolo: Editorial Board, Autoimmunity Highlights
10. Sun: Editor, Research Topic: Type 2 Diabetes Management: A Focus on Metabolic Defects. Frontiers in Physiology. 2018
11. Villareal R: Associate Editor, Frontiers in Endocrinology
12. Villareal D: Associate Editor, Journal of Nutrition in Geriatrics and Gerontology
13. Villareal D: Academic Editor, Current Developments in Nutrition
14. Villareal D: Associate Editor, Journal of Gerontology – Medical Science
15. Villareal D: Section Editor: Obesity and Aging, Journal of Nutrition in Health and Aging
## F. Grants

### MEDICINE – ENDOCRINOLOGY

<table>
<thead>
<tr>
<th></th>
<th>NIH</th>
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<td>MEDICINE: ENDOCRINOLOGY</td>
<td>$3,649,028.00</td>
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<td>$1,388,236.10</td>
<td>$67,906.80</td>
<td>$5,105,170.90</td>
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<tr>
<td><strong>TOTALS</strong></td>
<td><strong>$3,649,028.00</strong></td>
<td><strong>$0.00</strong></td>
<td><strong>$1,388,236.10</strong></td>
<td><strong>$67,906.80</strong></td>
<td><strong>$5,105,170.90</strong></td>
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### Grants and Contracts Awarded

**07/01/2017 - 06/30/2018**

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Sponsor</th>
<th>Grant Number</th>
<th>Project Title</th>
<th>Budget Period</th>
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<tbody>
<tr>
<td>BALASUBRAMANY AM, ASHOK</td>
<td>NATIONAL INSTITUTE OF HEALTH (NIH)</td>
<td>U01-DK098246-06</td>
<td>YEAR 6: THE GLYCEMIA REDUCTION APPROACHES IN DIABETES: A COMPARATIVE EFFECTIVENESS STUDY (GRADE)</td>
<td>9/6/2017 - 7/31/2018</td>
<td>9/25/2012 - 7/31/2022</td>
<td>$569,332.00</td>
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<tr>
<td>BALASUBRAMANY AM, ASHOK</td>
<td>NATIONAL INSTITUTE OF HEALTH (NIH)</td>
<td>R33-AI116208-03 Amd 3</td>
<td>YR 4: ADIPOSE TISSUE IS A SIGNIFICANT RESERVOIR FOR HIV</td>
<td>9/1/2017 - 8/31/2018</td>
<td>9/1/2014 – 8/31/2019</td>
<td>$111,012.00</td>
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<tr>
<td>Principal Investigator</td>
<td>Sponsor</td>
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<td>Project Title</td>
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<td>BALASUBRAMANY AM, ASHOK</td>
<td>NATIONAL INSTITUTE OF HEALTH (NIH)</td>
<td>R01-DK104832-03</td>
<td>(MPI) YEAR 3: ROLE OF ISLET INJURY AND AUTOIMMUNITY IN T2D BETA CELL DYSFUNCTION</td>
<td>9/1/2017 - 8/31/2018</td>
<td>9/16/2015 – 8/31/2020</td>
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<td>GARBER, ALAN J</td>
<td>NOVO NORDISK, INC</td>
<td>023350 NCE</td>
<td>16TH ANNUAL SYMPOSIUM ON ADVANCED METABOLIC DISEASE MANAGEMENT FOR ENDOCRINE FELLOWS</td>
<td>6/1/2018 - 6/30/2018</td>
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<td>GARBER, ALAN J</td>
<td>NOVO NORDISK, INC</td>
<td>MED-DIA-24942</td>
<td>17TH ANNUAL SYMPOSIUM ON ADVANCED DIABETES MANAGEMENT FOR ENDOCRINE FELLOWS</td>
<td>6/21/2018 - 6/20/2019</td>
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<td>MARCELLI, MARCO</td>
<td>SHIRE HUMAN GENETIC THERAPIES, INC.</td>
<td>IME-USA-17539</td>
<td>ENDOCRINE GRAND ROUNDS</td>
<td>10/4/2017 - 10/3/2018</td>
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<td>$3,750.00</td>
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<td>MARCELLI MARCO</td>
<td>DEPARTMENT OF DEFENSE</td>
<td>W81XWH-17-1-0368 (Jorge R., PI)</td>
<td>PERSISTENT HORMONAL CHANGES IN VETERANS WITH GULF WAR ILLNESS</td>
<td>9/2017- 9/2020</td>
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<td>$615,171.00</td>
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<td>PIETROPAOLO, MASSIMO</td>
<td>CENTER FOR MEDICARE &amp; MEDICAID INNOVATION (DHHS)</td>
<td>UC4-DK101108-01 Amd 4</td>
<td>YR 3/4: PERL - A MULTICENTER CLINICAL TRIAL OF ALLOPURINOL TO PREVENT GFR LOSS IN T1D.</td>
<td>8/1/2017 - 9/30/2017</td>
<td>8/1/2014 – 9/30/2017</td>
<td>$5,939.00</td>
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<td>PIETROPAOLO, MASSIMO</td>
<td>NATIONAL INSTITUTES OF HEALTH (NIH)</td>
<td>R01-DK053456-15A1</td>
<td>YEAR 15: ENHANCEMENT OF BIOMARKERS FOR TYPE 1 DIABETES</td>
<td>7/1/2017 - 6/30/2018</td>
<td>5/1/1999 – 6/30/2022</td>
<td>$668,366.00</td>
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<td>PIETROPAOLO, MASSIMO</td>
<td>NATIONAL INSTITUTES OF HEALTH (NIH)</td>
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<td>PERL-YR1(SPINO): A MULTICENTER CLINICAL TRIAL OF ALLOPURINOL TO PREVENT GFR LOSS IN T1D</td>
<td>9/1/2017 - 8/31/2018</td>
<td>9/30/2013 – 6/30/2019</td>
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<td>SAMSON, SUSAN LEANNE</td>
<td>NOVARTIS PHARMACEUTICALS CORP</td>
<td>NCE</td>
<td>THE EFFECT OF PASIREOTIDE AND COMBINATION WITH A GLUCAGON-LIKE PEPTIDE 1 RECEPTOR AGONIST ON ISLET FUNCTION AND STRUCTURE</td>
<td>12/30/2017 - 6/1/2020</td>
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<td>SUN, ZHENG</td>
<td>AMERICAN HEART ASSOCIATION INC</td>
<td>16GRNT309700 64 Yr2</td>
<td>OBESITY-EPIGENOME INTERACTION IN HEART FAILURE</td>
<td>7/1/2017 - 6/30/2018</td>
<td>7/1/2016 - 6/30/2018</td>
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<td>SUN, ZHENG</td>
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<td>DE FACTO TARGET OF HISTONE DEACETYLASE INHIBITORS</td>
<td>9/1/2017 - 8/31/2018</td>
<td>9/1/2017 – 8/31/2019</td>
<td>$172,369.00</td>
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<td>VILLAREAL, REINA</td>
<td>NATIONAL INSTITUTE OF HEALTH (NIH)</td>
<td>R01-HD093047-01</td>
<td>AROMATASE INHIBITORS AND WEIGHT LOSS IN SEVERELY OBESE MEN WITH HYPOGONADISM</td>
<td>8/7/2017 - 5/31/2018</td>
<td>8/7/2017 – 5/31/2022</td>
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<td>VILLAREAL, DENNIS</td>
<td>VA MERIT REVIEW</td>
<td>1101 CX000906-01</td>
<td>TESTOSTERONE REPLACEMENT TO AUGMENT LIFESTYLE THERAPY IN OBESE OLDER VETERANS</td>
<td>01/1/15-12/31/18</td>
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<td>$483,794.00</td>
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<td>ZHANG, LI</td>
<td>JUVENILE DIABETES RESEARCH FOUNDATION</td>
<td>2-SRA-2016-238-S-B Yr2</td>
<td>EVALUATION OF MONOCLOSSAL ANTIBODIES SPECIFICALLY TARGETING PATHOGENIC INSULIN/MHC II COMPLEXES FOR THE TREATMENT/PREVENTION OF TYPE 1 DIABETES</td>
<td>7/1/2017 - 6/30/2018</td>
<td>7/1/2016 – 6/30/2018</td>
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**Totals:** $5,037,264.10
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<th>Total</th>
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<tr>
<td>BAJAJ, MANDEEP</td>
<td>AMYLIN PHARMACEUTICALS</td>
<td>EXCEL (EXENATIDE STUDY OF CARDIOVASCULAR EVENT LOWERING TRIAL)- A RANDOMIZED, PLACEBO CONTROLLED CLINICAL TRIAL TO EVALUATE CARDIOVASCULAR OUTCOMES AFTER TREATMENT WITH EXENATIDE ONCE WEEKLY IN PATIENTS WITH TYPE 2 DIABETES MELLITUS.</td>
<td>2018</td>
<td>$3,692.31</td>
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<td>BAJAJ, MANDEEP</td>
<td>ASTRAZENCA</td>
<td>THE EFFECT OF DAPAFLUFOZIN ON INFLAMMATION AND ENDOTHELIAL DYSFUCTION</td>
<td>2018</td>
<td>$32,461.54</td>
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<td>SAMSON, SUSAN LEANNE</td>
<td>CHIASMA, INC.</td>
<td>AMENDMENT-A PHASE 3, RANDOMIZED, OPEN-LABEL, ACTIVE CONTROLLED, MULTICENTER STUDY TO EVALUATE MAINTENANCE OF RESPONSE, SAFETY AND PATIENT REPORTED OUTCOMES IN ACROMEGALY PATIENTS TREATED WITH OCTREOTIDE CAPSULES, AND IN PATIENTS TREATED WITH STANDARD OF CARE PARENTERAL SOMATOSTATIN RECEPTOR LIGANDS WHO PREVIOUSLY TOLERATED AND DEMONSTRATED A BIOCHEMICAL CONTROL ON BOTH TREATMENTS</td>
<td>2018</td>
<td>$12,277.78</td>
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<td>SAMSON, SUSAN LEANNE</td>
<td>CHIASMA, INC.</td>
<td>A PHASE 3, RANDOMIZED, DOUBLE-BlIND, PLACEBO-CONTROLLED, MULTICENTER STUDY TO EVALUATE SAFETY AND EFFICACY OF OCTREOTIDE CAPSULES IN PATIENTS WHO PREVIOUSLY TOLERATED AND DEMONSTRATED BIOCHEMICAL CONTROL ON INJECTABLE SOMATOSTATIN RECEPTOR LIGANDS (SRL) TREATMENT PROTOCOL OOC-ACM-303</td>
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<td>BALASUBRAMANYAM, ASHOK</td>
<td>NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES (NIDDK)</td>
<td>CLINICAL CENTER # 3 - EMOTIONAL DISTRESS IN A COMPARATIVE EFFECTIVENESS TRIAL OF DIABETES TREATMENTS (EDS) -SUB-STUDY OF GRADE</td>
<td>2018</td>
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<td>BAJAJ, MANDEEP</td>
<td>NOVO NORDISK PHARMACEUTICALS</td>
<td>EFFECT OF LIRAGLUTIDE TREATMENT ON GUT MICROBIOTA AND ADIPOSE TISSUE INFLAMMATION IN PATIENTS WITH TYPE 2 DIABETES MELLITUS</td>
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<td>($1,230.77)</td>
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<td>SAMSON, SUSAN LEANNE</td>
<td>PROLOR BIOTECH, LTD</td>
<td>A PHASE 3, MULTICENTER STUDY DESIGNED TO EVALUATE THE EFFICACY AND SAFETY OF A LONG ACTING HGH PRODUCT (MOD-4023) IN ADULT SUBJECTS WITH GROWTH HORMONE DEFICIENCY (PROTOCOL NUMBER: CP-4-005)</td>
<td>2018</td>
<td>$4,827.09</td>
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</table>

Grand Totals: $67,906.80

Grand Totals: $5,105,170.90
Faculty
Epidemiology & Population Science
Melissa Bondy, PhD
Yanhong Liu, MS, PhD
Margaret Spitz, MD
Aaron Thrift, PhD

Institute for Clinical and Translational Research
Chris Amos, PhD
Younghun Han, PhD
Yafang Li, PhD

Postdoctoral Fellows
Jeremy Schraw, PhD
Jing Dong, PhD
Zhensheng Wang, MPH, PhD
Quinn Ostrom, MPH, PhD

Contents
A. Publications ................................................................................................................... 3
B. Awards and Honors...................................................................................................... 22
C. Press ........................................................................................................................... 24
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F. Editorial Board Memberships and Editorial Positions .................................................. 27
G. Grants .......................................................................................................................... 28
A. Publications

<table>
<thead>
<tr>
<th>Impact factors of journals for 127 published articles (mean 9.71)</th>
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</thead>
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<tr>
<td>Journal Impact Factor:</td>
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<tr>
<td>Published Articles:</td>
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<tr>
<td>Percentage of Total:</td>
</tr>
</tbody>
</table>


15. David Qian, DL Molfese, JL Jennifer, AJ Titus, Y He, Y Li, M Vaisie, H Viswanath, PR


34. Feng YA, Cho K, Lindstrom S, Kraft P, Cormack J; IGAP Consortium, Colorectal Transdisciplinary Study (CORECT); Discovery, Biology, and Risk of Inherited Variants in Breast Cancer (DRIVE); Elucidating Loci Involved in Prostate Cancer Susceptibility (ELLIPSE); Transdisciplinary Research in Cancer of the Lung (TRICL); Liang L, Driver JA. Investigating the genetic relationship between Alzheimer's disease and cancer using GWAS summary statistics. Hum Genet. 2017 Aug 5. doi: 10.1007/s00439-017-1831-6 IF: 4.633


78. Nguyen T, Khan A, Liu Y, El-Serag HB, Thrift AP. The association between statin use...


100. Sealock RJ, Thrift AP, El-Serag HB, Sellin J. Long-term follow up of patients with obscure gastrointestinal bleeding examined with video capsule endoscopy. Medicine (Baltimore) 2018;97(29):e11429, PMID: 30024515 IF: 2.028


115. Varn FS, Tafe LJ, **Amos CI**, Cheng C. Computational immune profiling in lung adenocarcinoma reveals reproducible prognostic associations with implications for


126. Y Li, X Xiao, Y Han, O Gorlova, D Qian, et al. Genome-wide interaction study of smoking...


A Includes Quinn Ostrom, MPH, PhD
B, C Includes Chris Amos, PhD
B. Awards and Honors

1. **Amos**: Selzman Endowed Chair of Medicine, Baylor College of Medicine
2. **Amos**: Keynote Speaker, First US-Sino International Conference on Lung Cancer
3. **Amos**: International Speaker, Integrative Analysis of Lung Cancer Risk and Etiology, Zhengzhou and Henan Hospital, Chinae
4. **Bondy**: Visiting Scholar Award, National Cancer Institute
5. **Dong**: AACR Workshop on Integrative Molecular Epidemiology, Boston, MA
6. **Ostrom**: AACR Workshop on Integrative Molecular Epidemiology, Boston, MA
7. **Ostrom**: Doctoral Excellence Award in Epidemiology and Biostatistics, Case Western Reserve University School of Medicine
8. **Ostrom**: Junior Investigator Travel Award, Brain Tumor Epidemiology Consortium
9. **Schraw**: 2nd Place Oral Abstract Presentation, Texas Children's Cancer and Hematology Centers Annual Symposium
10. **Schraw**: Junior Investigator Award, Brain Tumor Epidemiology Consortium
11. **Schraw**: Selected Participant, American Society of Preventative Oncology New Investigator Workshop
12. **Wang**: AACR Workshop on Integrative Molecular Epidemiology, Boston, MA
C. Books and Book Chapters


D. **Press**


17. **Wang**: AACR. Short-acting calcium channel blockers were associated with increased risk of pancreatic cancer in postmenopausal women. https://www.aacr.org/Newsroom/Pages/News-Release-Detail.aspx?ItemID=1185#.W23E6VVKiUk


E. Professional Organization/Association Offices Held

1. Bondy: AACR, MEG Steering Committee, Chairperson
2. Bondy: American College of Epidemiology, Board of Directors
3. Bondy: American Society of Prevention Oncology (ASPO) Program Committee
4. Bondy: Central Brain Tumor Registry of the United States, Board Member
5. Bondy: Duke Cancer Institute External Scientific Advisory Committee
6. Bondy: Kimmel Cancer Center External Scientific Advisory Committee
7. Bondy: Masonic Cancer Center External Advisory Board
8. Bondy: NCI Board of Scientific Advisors, Subcommittee on Global Cancer Research
10. Bondy: Perlmutter Cancer Center External Advisory Board
11. Bondy: St. Jude Children’s Hospital, Memphis, TN, External Advisor
12. Bondy: Susan G. Komen for the Cure, Scientific Advisory Board, Houston Medical Advisory Council, & Strategic Mission Committee
13. Bondy: University of Minnesota Cancer Center, External Scientific Advisory Board
14. Bondy: University of Washington EDGE Center Scientific Advisory Board
15. Liu: American Society of Human Genetics 2017 Essay Contest, Program Reviewer
17. Spitz: MD Anderson Cancer Center, Prostate Cancer SPORE, External Advisory Committee
18. Spitz: National Cancer Advisory Board, Subcommittee on Population Science, Epidemiology, and Disparities
19. Spitz: Northwestern University, T32 for Behavioral and Psychosocial Research Training in Cancer Prevention and Control, External Advisory Board
20. Spitz: Tisch Cancer Center, Mount Sinai Medical Center, External Advisory Committee
21. Spitz: University of Chicago Comprehensive Cancer Center, External Advisory Committee
22. Spitz: University of Kentucky Markey Cancer Center, External Advisory Committee
23. Spitz: Yale Cancer Center, Lung Cancer SPORE, External Advisory Board
24. Thrift: Barrett's and Esophageal Adenocarcinoma Consortium (BEACON), Steering Committee
F. Editorial Board Memberships and Editorial Positions

| Impact factors of 10 JCR-rated journals edited by section members (mean 4.0) |
|---------------|-------------|-------------|-------------|-------------|
| Journal Impact Factor: | <= 1 | 1 – 4 | 4 - 7 | >= 7 |
| Edited Journals: | 1 | 2 | 6 | 1 |
| Percentage of Total: | 10% | 20% | 60% | 10% |

1. **Amos**: Genes and Immunity, *Editorial Board* (IF 2.339)
2. **Amos**: Human Molecular Genetics, *Associate Editor* (IF 5.985)
3. **Amos**: Journal of Functional and Comparative Genomics, *Editorial Board* (IF 1.94)
4. **Bondy**: Cancer Epidemiology, *Associate Editor* (IF 4.554)
5. **Bondy**: Frontiers in Applied Genetic Epidemiology, *Review Editor* (IF 4.151)
6. **Bondy**: Molecular and Translational Epidemiology, *Editorial Board*
8. **Bondy**: The Application of Clinical Genetics, *Honorary Editorial Board* (IF 4.2)
9. **Dong**: Annals of Translational Medicine, *Editorial Board* (IF .2)
10. **Dong**: Austin Cardiology, *Editorial Board*
11. **Dong**: EC Neurology, *Editorial Board*
12. **Dong**: Frontiers in Genetics, *Review Editor* (IF 4.151)
13. **Dong**: Journal of Cancer Research Forecast, *Editorial Board*
14. **Dong**: JSM Biology, *Editorial Board*
15. **Thrift**: Clinical Gastroenterology and Hepatology, *Associate Editor* (IF 7.896)
G. Grants

1. **Amos (PI):** Data Coordinating and Management Group for Molecular Characterization of Screen Detected Lesions Network, Supplement 1 Molecular Studies and Single Cell Sequencing; NIH/NCI; $432,000 annually (9/1/2018 - 8/31/2020)

2. **Amos (PI):** Data Coordinating and Management Group for Molecular Characterization of Screen Detected Lesions Network; NIH/NCI; $300,000 annually (9/1/2015 - 8/31/2020)

3. **Amos (PI):** Genome-Wide Association Study (GWAS) in Hepatocellular Carcinoma (HCC); NIH/NCI; $473,538 annually (04/01/2015 - 06/30/2019)

4. **Amos (PI):** Integrative Analysis of Lung Cancer Etiology and Risk; NCI; $473,538 annually (04/01/2015 - 06/30/2019)

5. **Amos (Subcontract PI):** Genetic Susceptibility and Risk Model for Pancreatic Cancer; NIH/NCI; $13,193 annually (07/01/2014 - 06/30/2018)

6. **Bondy (Coinvestigator):** Baylor College of Medicine Cancer Center; NIH/NCI; $2,020,895 annually (07/01/2007 - 06/30/2020)

7. **Bondy (Coinvestigator):** Center for Translational Environmental Health Research; NIH/NIEHS; $84,000 (04/01/2013 - 12/31/2018)

8. **Bondy (Coinvestigator):** Toxicity Profiling: Creating Novel Paradigms to Personalize Cancer Treatment; 06/07/2013 - 03/31/18

9. **Bondy (PI):** Breast Cancer Risk Assessment Using Copy Number Variation; Susan G. Komen Foundation; $160,000 annually (09/01/2011 - 08/31/2017)

10. **Bondy (PI):** Risk Prediction for ER Negative Breast Cancer Recurrence; NIH/NCI; $2,977,314 annually (01/01/2013 - 12/31/2017)

11. **Liu (PI):** Lung Cancer Prediction Models Incorporating Exome Data from Extreme Phenotypes; NIH/NCI; (08/2014 - 08/2019)

12. **Spitz (Coinvestigator):** Incorporating Biomarkers to Improve Lung Cancer Risk Prediction; NIH; $21,647 (12/01/2015 - 11/30/2018)

13. **Spitz (Coinvestigator):** Integrative Molecular Epidemiology Workshop; AACR; $249,213 annually (09/01/2013 - 08/31/2018)

14. **Spitz (PI):** Cancer Prevention Post-Graduate Training Program in Integrative Epidemiology; Cancer Prevention and Research Institute of Texas; $300,401 (03/01/2016 - 02/28/2021)

15. **Thrift (Coinvestigator):** DCC HHS Smoking Cessation Treatment Program; NCI P30 Cancer Center Administrative Supplement for Tobacco Use Treatment in Cancer Patients; total direct costs $315,457 (07/01/2017 - 06/30/2019)

16. **Thrift (Coinvestigator):** Prevalence and predictors of nonalcoholic fatty liver disease (NAFLD) in Veterans; VA CSR&D Research Awards; total direct costs $600,000 (10/01/2017 - 09/30/2021)

17. **Thrift (PI):** Admixture mapping of cirrhosis and Hepatocellular carcinoma in African Americans; Dan L. Duncan Comprehensive Cancer Center Pilot Grant; total direct costs $50,000 (06/01/2018 - 05/30/2019)

18. **Thrift (PI):** Application of natural language processing to identify dysplasia among a national cohort of veterans with Barrett’s esophagus; NIH; total direct costs $34,821 (02/01/2017 - 01/31/2018)

19. **Thrift (PI):** PREVENT HCC – through Screening, Vaccination and Treatment of Viral Hepatitis; Cancer Prevention and Research Institute of Texas (CPRIT) Prevention Program; total direct costs $1,492,052 (08/31/2016 - 08/30/2019)
20. **Thrift (PI):** Risk and Predictors of Esophageal and Esophagogastric Junction Adenocarcinomas in HIV-infected Individuals; NAID/NIH/DHHS; total direct costs $299,992 (06/01/2016 - 05/31/2018)
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<td>Organoid Models of Gastrointestinal Disorders</td>
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Research Forum: Intestinal Epithelial Cell Biology

*Mucosal Stem Cell Heterogeneity in Pediatric Crohn’s Disease*

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*Amyloglucosidase Supplementation Corrects Small Intestinal Isomaltase Insufficiency in Symptomatic Patients*

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- **Kanwal:** *Gastroenterology.* Direct-acting antivirals reduce liver cancer risk.  

- **Qureshi:** World Congress of Gastroenterology at ACG 2017 meeting. “Office Management of Acute Thrombosed Hemorrhoids in a Pregnant Patient.” (Jul 2017)

- **Anandasabapathy:** *The Hindu.* “Emergency smart pods for India a possibility.”  

- **Hou:** *GI & Hepatology News.* “One-Day Behavioral Therapy for IBD Patients.”  

- **El-Serag:** KVEO’s *RGVproud.* “October Is Liver Cancer Awareness Month.”  

- **Shukla:** BCM’s Momentum Series. “Healthy Habits: Planning meals, setting exercise goals key for Dr. Richa Shukla.”  

- **Jiao:** American Institute for Cancer’s *Cancer Research Update.* “Low-Fat Diet Effective in Reducing Pancreatic Cancer Risk Among Overweight Women.”  

- **Kanwal:** *MD Magazine.* “Researchers May Have Confirmed Whether HCV Treatment Poses Liver Cancer Risk.”  

- **Mittal:** *Healio.* “10 reports from 2017 on liver cancer incidence rates, major risk factors.”  

- **Estes and Shroyer:** BCM’s *Cell Reports.* Researchers gain insight into how the intestine repairs itself.  

- **Hussain:** National VA Transplant Conference. (Feb 2018)

- **Chan:** *Clinical Gastroenterology and Hepatology.* “Physician Burnout: The Hidden Health Care Crisis.”  


- **Hernaez:** VA Liver Cancer Team Educational Seminar Series. “Curative and Palliative Therapies for HCC.” (Apr 2018)
Estes: Baylor’s From The Labs. “Type of injury matters, when healing the small intestine.”

Qureshi: BCM DocTalk. “Colorectal Cancer Awareness Month.” (Mar 2018)

Graham: Fifth Annual Ertan Lectureship at UT McGovern Medical School. “Helicobacter Pylori as a Bacterial Cause of Gastric Cancer.” (Apr 2018)

http://time.com/5235368/what-is-inflammation/ (Apr 2018)

Graham: Gastrointestinal Endoscopy and Video GIE. "Meet the Master."
https://youtu.be/_VoRLbLt6PU (May 2018)

https://www.wsj.com/articles/a-surprise-medical-solution-hypnosis-1525698883 (May 2018)


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GRANTS

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<td>A Low-Cost Tethered Capsule Endoscope for Esophageal Cancer Screening. National Institutes of Health (NIH); R21-EB023431. 1/1/2017-12/31/2018</td>
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<td>NCE 3 – EZPOD: Enhanced Zero-Impact, Emergency Smart Pod. Paul G. Allen Family Foundation; 11965. 5/2/2018-10/31/2018</td>
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<td>GS1944: A Phase 3 Randomized Double-Blind, Placebo-Controlled Study Evaluating the Safety and Efficacy of Selonsertib in Subjects with Compensated Cirrhosis Due to Nonalcoholic Steatohepatitis (NASH). Gilead Sciences, Inc. 2019</td>
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<td>INT 747-304: A Phase 3, Double-Blind, Randomized, Placebo-Controlled, Multicenter Study to Evaluate the Efficacy and Safety of Obeticholic Acid in Subjects with Compensated Cirrhosis due to Nonalcoholic Steatohepatitis. Intercept Pharmaceuticals. 2019</td>
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<td>National Institute of Child Health and Human Development (NICHD); R01-HD083809. 2/1/2019-8/1/31/2019</td>
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<td>Folic Acid, Parental Mutation Rates and the Risk for Neural Tube Defects.</td>
<td>National Institute of Child Health and Human Development (NICHD); R01-HD081216. 7/1/2018-6/30/2019</td>
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<td>Evaluated the Safety and Efficacy of ABT-494 For Indication and Maintenance</td>
<td>A Multi Center Open-Label Extension Study to Assess the Safety and</td>
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<td>Therapy in subjects with Moderately to Severely Active Ulcerative Colitis.</td>
<td>Tolerability of LYC-30937-EC in Subjects with Active Ulcerative Colitis.</td>
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<td>Abbvie Inc. 2019</td>
<td>Lycera Corp. 2019</td>
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<th>Project Title</th>
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<td>A Personalized Surveillance program for Hepatocellular Carcinoma. American</td>
<td>American Cancer Society; RSG-17-022-01-CPPB. 7/1/2018-6/30/2019</td>
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<td>Cancer Society; RSG-17-022-01-CPPB. 7/1/2018-6/30/2019</td>
<td>Cirrhosis Quality Collaborative. American Association for the Study of</td>
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<td>Liver Disease. 9/1/2018-8/31/2021</td>
<td>Patient Centered Care for Individuals with Advanced Liver Disease. HSR&amp;D</td>
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<td>HSR&amp;D IIR 16-075; I01 HX-002204-01. 4/01/18-3/31/2021</td>
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<td>A Phase 2B, Randomized, Double-Blind, Placebo-controlled, Parallel-Group, Multicenter Protocol to Evaluate the Safety and Efficacy of JNJ-64304500 in Subjects with Moderately to Severely Active Crohn’s Disease. Janssen Research &amp; Development, LLC. 2019</td>
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<td>A Phase 4 Open-Label Study to Evaluate Vendolizumab IV Dose Optimization on Treatment Outcomes in Nonresponses with Moderately to Severely Active Ulcerative Colitis (Enterpret). Takeda Global Research &amp; Development Center, Inc. 2019</td>
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<td>Transcription Factors in Intestinal Differentiation and Cancer. sNational Cancer Institute (NCI); F99-CA212443. 9/21/2016-8/31/2018</td>
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<td>Prevent HCC – By Screening, Vaccination and Treatment of Viral Hepatitis. Cancer Prevention &amp; Research Institute of Texas (CPRIT); PP160089. 8/31/2017-8/30/2018</td>
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<td>QA Purity, Activity and Ancillary Testing of Commercially Available Gras-Listed Enzymes (Does Not Include Human or Animal Studies). Association in Transformational Oncology Management (ATOM); Testing Agreement. 3/1/2016-3/11/2019</td>
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<td>MPI-Investigation of Regional Identity in Human Intestinal Stem Cells—Subcontract. National Institutes of Health (NIH); U01-DK103117. 9/1/2017-8/31/2018</td>
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<td>Nutrigenomics of Intestinal Vitamin D Action. National Institutes of Health (NIH); R01-DK112365. 4/1/2018-3/31/2019</td>
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General Internal Medicine

JULY 2017– JUNE 2018


Hamilton, W (PI): Pathways Linking Neighborhood Environments to Activity Behaviors. American cancer society. MRSG13145-01. Subcontract with University of Texas MD Anderson Cancer Center. 9/1/2014-6/30/2018

Hamilton, W (PI): Protecting the Health of Houstonians and Texas Gulf coast residents. Philanthropic gift from Jacob and Terese Hershey Foundation. 1/15/2018-1/14/2019


SCHOLARLY ACTIVITY

Books & Book Chapters

Dr. Lee Lu, associate professor, General Internal Medicine – Harris Health System, is an editor on a recently released book, *Leading an Academic Medical Practice*. Dr. Lu led the group of Society of General Internal Medicine academic leaders to produce the book, which discusses the key elements on how to manage a medical clinic with learners.

Dr. Wayne Shandera, assistant professor of General Internal Medicine is the editor of the recently published book entitled Sub-Specialty Care of HIV-Infected Patients. Nova Scientific, 2018. In the same book he also wrote a chapter “General medicine consultation for the HIV infected patient”.

Dr. Wayne Shandera, assistant professor of General Internal Medicine is co-author of chapter “Viral and Rickettsial Diseases”, in Mcphee SJ, Papadakis et al, 2017 edition: Current Medical Diagnosis and Treatment, New York, NY : McGraw Hill.


Peer-reviewed publications


Candler S. We didn’t get cold feet. Annals of Internal Medicine.

Shunk R, Candler S, Lieblow M. Will graduate medical education at VA hospitals survive the choice act? SGIM forum. 2018 April; 4 (4)


Salciccioli K, Ermis P, Oluyomi A et al. Geographic disparities in access to care for adults congenital heart disease patients in the United States. J AM Coll Cardiolo. 2018 Mar 10;71(11);A558

Schmidt M. Forgiveness. Literary AMWA. 2017 Dec 30 [Online]


Tschaeppe M. Representations of patients experiences of autonomy in graphic medicine. AMA J Ethics, 2018 Feb 1;20(1):122-129


Vaughan E. Integrating CHWs as part of the team leading diabetes group visits: A randomized controlled feasibility study. The Diabetes Educator. 43:6. 589-599,


Wilmer S. Assessment of an Innovative Medication Adherence Training Exercise in an Interprofessional Training Program, Journal of Health and Interprofessional Practice
Abstracts/Presentations/workshops

Dr. Sabina Lee, associate professor and Dr. Sarah Candler, assistant professor, General Internal Medicine – MEDVAMC, recently participated and/or presented at the The Texas Chapter of the American College of Physicians annual conference in San Antonio. Dr. Lee moderated the session presented by Dr. Hashem El-Serag, professor, Gastroenterology and Hepatology, and chairman, Department of Medicine, “GI Multiple Small Feedings of the Mind”.

Dr. Ricardo Nuila, served on a panel in the “Reporting Health” session at the Healthier Texas Summit in Austin on November 7. This meeting is organized by the University of Texas System and convenes thought leaders and practitioners statewide to discuss innovations and trends in community and public health.

Dr. Anoop Agrawal, assistant professor, General Internal Medicine, presented “Integration of Apps into Internal Medicine Residency curriculums: A survey of IM program directors” was presented at Association of Program Director’s for Internal Medicine (APDIM) in San Antonio on March 19, 2018.

Dr. Meroe Morse, assistant professor, General Internal Medicine Presented at ACGME Florida (March 2018) Workshop on Resident Wellness Initiative with Stacey Rose, MD.

Dr. Wayne Shandera presented his abstract titled “The relationship between music and medicine as evidenced in the medical literature” was accepted in annual meeting, European Society for the Philosophy of Medicine and Health Care.


Dr. Anita Kusnoor was a co-presenter of Streptococcus constellatus brain abscesses masquerading as metastases. Presented at the Texas Chapter Annual Meeting of the American College of Physicians, San Antonio, November 11, 2017 and in National Meeting of the American College of Physicians, New Orleans, LA, April 21, 2018. She also presented It’s my fault!“ Disclosing Medical Error; Assuming Blame in Interprofessional Education along with Dr. Nadia Ismail, associate professor, General Internal Medicineat the TEACH-S Conference, Houston, TX, May 11, 2018.

Dr. Michelle Sibille, Instructor, General Internal Medicine- VAMC presenting both a poster and a presentation titled "Morbidity and Mortality Conference: An Innovative Strategy to Teach
Quality and Safety in the Outpatient Setting* at the AAMC Integrating Quality Conference, June 7-8, 2018. Her co-authors were Dr. Frene Lacour-Chestnut, Dr. Molly Horstman, assistant professor of General Internal Medicine-VAMC and Dr. Diana Stewart, assistant professor of General Internal Medicine-VAMC.


Amidi O, Averyt A, Shah C. The case of acidotic stabbing victim: Just follow your nose. SGIM. Denver, CO. 2018

Mammen A, Sherman S, Arnell M. A case of non-occlusive acute gastric ischemia from hypotension during dialysis, SHM, Orlando, FL. 2018

Kapuria M, Lin D. Not all psychosis is purely psychiatric- A case of Anti-NMDAR Encephalitis. SHM. Orlando, FL. 2018

Bass, M, Lim J, Sargsyan Z. Left and right you see Staph: Find the source and trace the path. SHM. Orlando, FL. 2018.

Olmstead R, Sargsyan Z. Levofloxacin induced myoclonus. SHM. Orlando, FL. 2018


Dr. David Hilmers, professor, General Internal Medicine, presented “Medical Care of Hepatitis B Infected Patients in North Korea” at the Japanese-Korean Medical Association Annual Meeting, Kobe, Japan, November 2017.
Dr. Sarah Candler, assistant professor, General Internal Medicine – MEDVAMC, presented in a workshop at the Society of General Internal Medicine 2018 Southern Regional Meeting in New Orleans on Feb. 23, with several colleagues as part of the Leadership in Health Policy program. Her presentation was titled “It’s like a John Deere Tractor: Finding Common Ground in Health Advocacy in the South.” In addition, she also led a workshop called “Having Difficult Conversations as a Leader” at the American College of Physicians’ Board of Governors meeting in Montreal, Canada.
Section-based Awards

At the Section of General Internal Medicine Annual Retreat held at McNair campus on May 9, the following awards were presented:

**Dr. Lee Lu: Joseph R. Guitreau Consummate Physician Award**, the highest GIM award given in honor of a former colleague.

**Dr. Anita Kusnoor: D.A.V.E. Award** for the dedicated academician who values excellence in patient care, teaching, and scholarly activity.

**Drs. Allison Heinen and Elie Jarrouge: Hospitalist of the Year Award**

**Dr. Cara Foldes: Outpatient Healer of the Year**
DOM Awards
Residency Program Graduation Awards
- Ambulatory- Jaime Rueda, MD
- Ben Taub- Stephanie Sherman, MD
- MEDVAMC- Zaven Sargsyan, MD

BCM Awards
John P. McGovern Outstanding Teacher Excellence Award (Medical School)
- Lee Poythress, MD – Clinical Sciences
- Zaven Sargsyan, MD – Pre-clinical Sciences (2018), Clinical Sciences (2017)

Norton Rose Fulbright Award for Excellence in Teaching & Evaluation
- Andrew Caruso, MD
- Diana Stewart, MD
- Erica Lescinskas, MD

Norton Rose Fulbright Award for Excellence in Educational Leadership
- Erica Lescinskas, MD

Early Career Faculty Award for Excellence in Patient Care
- Dr. Stephanie Sherman

Graduating Class Outstanding Faculty Award
- Dr. Andrew Caruso, assistant professor
- Dr. Zaven Sargsyan, assistant professor
- Dr. Stephanie Sherman, assistant professor
- Dr. Lee Poythress, associate professor

OTHER HONORS

Dr. David Hyman, professor and chief of General Internal Medicine is listed in Castle Connolly's list of Top Doctors in Houston.
Dr. David Hilmers, professor, General Internal Medicine was named as a top Internal Medicine doctor by Houstonia Magazine in July 2017.

Dr. Michelle Schmidt, assistant professor– Harris Health System was selected as one of the BCM Center of Excellence in Health Equity, Training and Research Junior Faculty Scholars for 2018-2019.

Dr. Priti Dangayach, Assistant Professor, General Internal Medicine – Ben Taub Hospital, has received a Certificate of Recognition from the Harris Health System for distinguished service. The award recognizes for her excellence in leadership, mentoring and patient care.

Dr. Lubna Khawaja, assistant professor, General Internal Medicine - Ben Taub, has received a Certificate of Recognition from the Harris Health System for distinguished service, in recognition of her excellence in leadership, mentoring and patient care.

Dr. Lee Poythress, associate professor, General Internal Medicine, Ben Taub Hospital, has been awarded the Distinguished Consultant Award from the Department of Emergency Medicine. This award is given to the consultant who the residents and faculty feel embody professionalism, communication, teaching and outstanding patient care.

Dr. Meroe Morse, assistant professor, General Internal Medicine, is an ongoing fellow (‘19) and scholarship recipient in Integrative Medicine through Arizona Center of Integrative Medicine

Dr. Sabina Lee, associate professor, General Internal Medicine-VAMC, is a Texas ACP Wellbeing champion and will be involved with national ACP for the next 3 years for physician wellbeing.

Dr. Anita Kusnoor, associate professor, General Internal Medicine, received the Essential Skills in Medical Education (ESME) Faculty Scholarship last month from the Office of Faculty Development and the Academy of Distinguished Educators.

Dr. Sarah Candler, assistant professor, General Internal Medicine – MEDVAMC, received her certificate of completion of the Society of General Internal Medicine’s Leadership in Health Policy program.

Dr. Ricardo Nuila, assistant professor, General Internal medicine has received a MacDowell Fellowship to continue his journalistic work on health disparities in Texas. The MacDowell Fellowship program is one of the most competitive artistic residencies in the country. Based in New Hampshire, it provides room and board for up to two months for visual artists, filmmakers, and journalists. Nuila will complete the residency in summer 2018.

Dr. Joslyn Fisher and Dr. Cara Foldes were nominated for exemplary Baylor Women of Excellence – women who exemplify excellence as well as Baylor’s other values (respect, integrity, innovation and teamwork), in support of Women’s History Month.
Dr. Joslyn Fisher, associate professor, General internal Medicine participated in a panel discussion on Ethical Dilemmas in Health Policy with a focus on end of life care at the Texas Medical Center Headquarters in Houston.

Dr. Elizabeth Vaughan was honored by the BCM Office of Institutional Diversity, Inclusion and Equity for her efforts at the Community Health Worker Diabetes Education Program on June 30 at San Jose Clinic, where she helped educate the Health Equity Scholars in the BCM Center of Excellence in Health Equity.

Fellow, Hospital Medicine, Society of Hospital Medicine
• Andrew Caruso, MD
• Cory Ritter, MD

Fellow, American College of Physicians
• Adelaide Adjovu, MD
• Anoop Agrawal, MD

IN THE MEDIA

Dr. Sarah Candler, assistant professor, General Internal Medicine – MEDVAMC, was interviewed for an April 23 article in MedPage Today titled “Do You Know Your Gen Xers from Your Millennials?”

Dr. Ricardo Nuila, assistant professor, General Internal Medicine – Ben Taub - was interviewed for a June 6 TMC NEWS “On the Side” article, in which he talks about his penchant for great writing as well as practicing great medicine.

Dr. Niraj Mehta, associate professor, General Internal Medicine - Harris Health, was featured with a blog in kevinmd.com titled “A gentle reminder that healing begins with feeling.”

Dr. Winnie Hamilton, associate professor, General Internal Medicine, and director, Environmental Health Services, was part of a testing group that the New York Times created to study floodwaters around Houston. The resulting article, “Houston’s Floodwaters Are Tainted, Testing Shows,” ran on Sept. 11; Dr. Hamilton was heavily cited in the article. Her work and that of several others who participated in the Times’ analysis showed that two neighborhoods were contaminated with bacteria and toxins, possibly a result of several waste treatment plants, and that many other areas were also unsafe owing to bacteria and mold.

Dr. Ricardo Nuila and Dr. Michelle Schmidt were invited to speak on Pacifica Radio 90.1 KPFT – “So What’s Your Story?” on July 2018.

Dr. Rola El-Serag, assistant professor of Medicine, was interviewed by KPRC Channel 2 for an article about the VA’s fastest growing patient population; young female veterans. She also interviewed for a March 30 segment on the Houston Public Media radio show Houston Matters. The segment covered a new VA campaign to curb harassment against female veterans.
**Professional Organization/ Offices Held**

Sarah Candler, MD: Chair, Council of Resident / Fellow Members for the American College of Physicians

Sarah Candler, MD: Member, Board of Regents for the American College of Physicians

Sarah Candler, MD: Delegate, American Medical Association representing the American College of Physicians

Sarah Candler, MD: Member, VA Task Force for the American College of Physicians

Sarah Candler, MD: Member, VA Task Force for the Society of General Internal Medicine

Sarah Candler, MD: Member, Master Clinician Task Force for the American College of Physicians

Sarah Candler, MD: Member, Education Subcommittee of the Health Policy Committee for the Society of General Internal Medicine

Sarah Candler, MD: Member, Health and Public Policy Committee, Texas Chapter of the American College of Physicians

Sargsyan, Zaven, MD, Society to Improve Diagnosis in Medicine (SIDM), Member of the Education Committee on Diagnosis and Clinical Reasoning

Lee Lu, MD: Co-Chair Resident clinic director interest group, SGIM

Lee Lu, MD: Fellow ACP

Lee Lu, MD: Clinical vignette committee, ACP and SGIM
Editorial Board:

Sarah Candler, MD: Editorial Advisory Board, Internal Medicine News
Sarah Candler, MD: Co-Editor, “Fresh Look” Annals of Internal Medicine blog for early career and training physicians
Stephanie Sherman, MD: Editor, “Global Morning Report.” Human Diagnosis Project (HDx.org)
Sargsyan, Zaven, MD: Contributing Editor, “Global Morning Report.” Human Diagnosis Project

McDowell, Scott, Pharm.D. Editorial reviewer Journal of the American Pharmacists Association

McDowell, Scott, Pharm.D: Editorial reviewer Journal of Managed Care and Specialty Pharmacy.

McDowell, Scott, Pharm.D: Grant review committee The American Pharmacists Association Foundation

McDowell, Scott, Pharm.D: Research poster reviewer for Academy of Managed Care Pharmacy NEXUS
Geriatrics

JULY 2017– JUNE 2018
October 2018

Baylor Geriatrics Section Annual Report

The Section of Geriatrics had a very challenging year. We survive and continue to deliver high quality, compassionate healthcare at many venues. At Houston Methodist Hospital (HMH), Geriatrics was ranked 29th in the nation out of 1,516 hospitals by U.S. News, and Baylor Geriatrics is the only Geriatrics at HMH. At Baylor St. Lukes Medical Center (BSLMC), Geriatrics was ranked as High Performing by U.S. News. Ownership changes at Park Plaza Hospital resulted in the displacement of our outpatient clinic. It was a very difficult move, but we have finally settled in affiliation with BSLMC to practice at Kirby Glen, a wonderful, accessible location less than 2 miles from the Medical Center. If the saying “Nothing worthwhile is easy” is true, then this arduous journey should lead us to the “promised land”. We hope to have fellows, faculty, and nurses caring for older people in a smoothly operating practice soon while enjoying free parking and easy access. We were also able to celebrated Dr. Robert J. Luchi’s 90th birthday. Dr. Luchi, who founded the Geriatrics section at BCM, and his wife, Jean, flew down from Kansas City for a wonderful opportunity, hosted by Rashmi Jaitly and the Huffington Center on Aging, to embrace successful aging and reflect on our incredible accomplishments.

Baylor Geriatrics is unique in providing care in numerous sites across institutional and geographic lines. Our private practice sees inpatients in consultation at BSLMC and HMH, provides continuing care in facilities close to the medical center and provides outpatient wound care. Our Harris Health practice at Ben Taub General and Quentin Mease Hospitals remain active and Harris Health provides the support for our House Calls program. The House Calls team was featured in a number of media outlets including Houston’s Channel 2. At the Michael E. DeBakey Veterans Affairs Medical Center patient care is provided across the continuum from the nursing home (CLC) to the clinic with a growing interest in providing Geriatric and Palliative Care in hospital and at home. We are honored to have the last of the “Greatest Generation” entrusted to our care at the VA. We have developed wound care as an area of expertise, now providing outpatient wound care at BSLMC, HMH, MEDVAMC, and to inpatients at HHS. Our Innovation interventions have decreased the exposure to drugs known to cause delirium for thousands of elders throughout the Methodist systems. Using EPIC to protect older patients from delirium was so novel that some of the team were invited to Wisconsin to the Epic User’s Group Meeting to present their work.

Our faculty continues to play an important role training future clinicians and researchers in geriatrics and gerontology. Our educational impact outweighs our modest size. The Geriatrics track for our BCM medical students is on hiatus, but the student interest group (SAGI) under the leadership of BCM medical student Koby Kaplan has been revitalized. Dr. Major has updated ARTS (Age-Related ThemeS), our didactic course that occurs at the end of the second year of medical school. The Capstone course, the last didactics before graduation for BCM students, includes important input from Geriatrics faculty including Ursula Braun. Every BCM student did a house call with Geriatrics faculty members; this is a unique teaching experience, reminding learners that patients are real people. The house calls clinicians take the medical student with a University of Houston pharmacy student to create an interdisciplinary learning experience. We teach geriatrics to medicine core clerkship students monthly at Ben Taub Hospital. Many medical student choose electives with Geriatrics faculty. All BCM physician assistant students get training and mentorship at the MEDVAMC, coordinated in part by Mike Anderson, PA-C. To get a clinical perspective on their basic science work, Ph.D. candidates from the Huffington Center on
Aging rotate with us. All upper level BCM internal medicine residents spend four weeks on Geriatrics in a unique experience where they work for two weeks on the inpatient consult service at BSLMC and then spend two weeks out of the hospital exploring the continuum of care for older people. This innovation has been greatly appreciated and has lasting impact. We also train BCM family medicine residents and HMH family and internal medicine residents in a variety of venues. The Geriatrics PA residency is the only one of its type in the nation, recruiting excellent candidates from across the nation to do additional training in Geriatrics with our faculty. Its success with two slots spurred an increase to three slots for January 2019. Our Geriatric fellowship program is among the largest and most sought after in the nation lead by Angela Catic. Six first year fellows started in July and six graduated the day before. Annie Smith was our most famous graduating fellow, transported by a Houston Fire Department dump truck to the hospital to deliver Adrielle during the peak of Hurricane Harvey. Annie, husband Gregg, and Adrielle had the highest impact factor of any BCM member, appearing in hundreds of news outlets across the world including the Washington Post and People magazine. Another fellow finished her second year with a focus on quality improvement as it relates to house calls. This unique focus led Claire Campbell to be recognized as a national leader for education in this area. Another, Mariam Ahmed, started her second year focused on wound care. Under the leadership of Aimee Garcia, BCM Geriatrics created the only Geriatrics based academic wound care fellowship in the nation. New fellowship slots in palliative care in collaboration with M.D. Anderson Hospital have been organized through the efforts of Drs. Braun and Syed Imam. These will be filled outside the “match” this year, but are planned as an important “non-oncology” focused component of the best in the nation M.D. Anderson palliative care training program. Our educational efforts were not limited to trainees as BCM Geriatrics held its first CME course in June under the leadership of Syed Imam. It was well attended, very well received, and laid the foundation for further courses. The Elder Investor Fraud program, led by Bob Roush, has trained physicians, lawyers and financial advisers in more than half the states and is soon to be made electronic.

The true strength of our section is its people. Lurie McAdow, PA-C retired after more than twenty years of leading the PA efforts at the VA and Rose Dust, PA-C one of the early graduates of the PA residency in Geriatrics moved from the MEDVAMC to Colorado. Mike Anderson, PA-C, another graduate of the PA residency in Geriatrics, joined and will help direct the residency program. Marcia Yparraguirre, our long term administrator and steady hand upon our tiller, is now leading the AMS/HHS relationship at UT Houston. Khelli Simpson, joined BCM Geriatrics from billing to lead administration for the Section. Don Chen, a former fellow who helped develop Home based care at the VA, left as well. Vinh Nguyen, one of our former fellows, returned from California to join the Home Based Primary Care program at the VA. Francisco Loaiciga joined the MEDVAMC to provide palliative care in the homes of dying veterans. Kayla Hall, a nurse practitioner on the house calls team, left to join Methodist Orthopedics. And Nancy Wilson, who brought appreciation of social workers to multitudes of Geriatrics physicians, retired as well.

Our top-notch faculty received many accolades at the local and national levels. For example, we have more “super docs” than the other programs in Geriatrics in Houston. We represent BCM in major professional society meetings; our faculty holds leadership positions within the American Geriatrics Society, the Gerontological Society of America, American Association of House Call Medicine and American Medical Directors Association.

Geriatrics Section members contributed to research funding in 2018. While none of the funds gets directly credited to the Section, key collaborations with Psychiatry, Surgery, Otolaryngology, Endocrinology, Cardiovascular Research, Health Systems Research, and industry were critical to the
successes of our collaborators. With our colleagues in the Huffington Center on Aging, a large number of papers in scientific journals including the top journal in our field, Journal of the American Geriatrics Society. The enduring products include a wonderful book, Ethical Considerations and Challenges in Geriatrics, edited by Angela Catic that featured contributions of many of the BCM Geriatrics faculty, fellows and former fellows. The faculty has made a large number of local and regional presentations. The fellows and faculty had a major presence at the BCM Housestaff Research Day with all fellows presenting their efforts during that event. Similarly, the presence of the Geriatrics Section made up almost all the clinical poster presentation at the annual HCOA day.

In summary despite the wandering in the desert this year, BCM Geriatrics faculty was able to keep their focus on the next generation of providers, and our mission “to advance the quality of late life through exemplary research, education, patient care, and community outreach.”

Respectfully submitted,

George E. Taffet, M.D., FACP
Professor in Medicine
Chief, Geriatrics
Geriatrics and Cardiovascular Sciences
Robert J. Luchi, M.D. Chair in Geriatric Medicine
Baylor College of Medicine
Head of the Division of Geriatrics
Houston Methodist Hospital
AWARDS & HONORS

Agarwal, Major, Taffet: Top Doctors in the City of Houston 2018

Garcia, Taffet: Top Geriatric Doctors Castle Connolly 2018

Catic, Selleck, Taffet: Super Doctors, Houston 2018

Agarwal: Woman of Excellence at Baylor College of Medicine. Co-Winner National Association of Hospital Pharmacy Prize 2017; Top Doctors in the City of Houston 2018

Braun: Program Leader, Palliative Care Fellowship Program, MEDVAMC; Leader, Breaking Bad News, CAPSTONE Course BCM

Catic: Program Director for Baylor Geriatrics Fellowship Program; Physician leader VA Physician Assistant Residency Program in Geriatrics; Leader, Educational Swaps Program, American Geriatrics Society; PA Collaborating Physician of 2018 MEDVAMC; Super Doctors, Houston 2018

Cintron: Clinical Supervisor Ethics Program, Harris Health;

Garcia: Director, MEDVAMC Wound Care Program; Top Geriatric Doctors Castle Connolly 2018

Jaitly: Director, HMH Wound Care Program

Johnson: Leader, Non-Physician Faculty Promotion Facilitator for BCM; Promotion to Assistant Professor, BCM

Khin: Director, Geriatric selectives for BCM medical students, Physician champion, Harris Health Wound Care Committee

Major: Leader, House Calls Program; Course Leader, Age-Related ThemeS, BCM; Top Doctors in the City of Houston 2018

Nguyen: Leader, Home Based Primary Care

Reyser: Director, Continuity Experience BCM Family Medicine residency program.

Roush: Leader, Elder Investor Fraud Program (with Naik and Kunik)

Salmeron: Leader, Post-Acute care program

Selleck: Super Doctors, Houston 2018;

Waterhouse: Promotion to Assistant Professor, BCM

Williams: Clinic Director, Baylor Geriatrics Senior Care Clinic; Member FGP Leadership, Dept. of Medicine, BCM
**Papers**

**Agarwal**


**Braun**


**Catic**


**Cintron**


**Imam**


**Jackson**

Kazim


Taffet


Dissecting the role of myeloid and mesenchymal fibroblasts in age-dependent cardiac fibrosis. Trial J, Heredia CP, Taffet GE, Entman ML, Cieslik KA. Basic Res Cardiol. 2017 Jul;112(4):34. doi: 10.1007/s00395-017-0623-4. PMID: 28478479


Williams


Welcome!

The (HSR&D) Center for Innovations in Quality, Effectiveness and Safety (IQuEST) is the largest center for health services research in the southwest and has been continuously funded since 1990, providing strong scientific leadership and institutional infrastructure dedicated to a model of embedded health system research. Since 2007, when Dr. Petersen became the Director and Section Chief, the number of funded investigators has grown over 125%, from 17 to 39 core members and there have been 31 academic promotions among core faculty. In the past 23 years, 70 career development awards (CDA) have been funded (seven are current), including two recent HSR Section CDAs. Moreover, total grant funding has more than doubled, with over $16 million in research funding for FY18. We have a nearly 20-year tradition of conducting research in partnership with the health care delivery system and responding to its needs, making us pioneers in the execution of the learning health care system model. The IQuEST mission, "Improving health and well-being through innovations in health care delivery", emphasizes our commitment to transformative and innovative research.

A learning health care system “... is designed to generate and apply the best evidence for the collaborative health care choices of each patient and provider; to drive the process of discovery as a natural outgrowth of patient care; and to ensure innovation, quality, safety, and value in health care.” Our model for the learning health care system is founded on strong partnerships with clinical and policy stakeholders, implementation of best evidence, and evaluation to ensure a continuous cycle of learning and improvement. You will find IQuEST Investigators embedded within the clinical practice of Baylor St. Luke’s Healthcare system, the Faculty Group Practice, Michael E. DeBakey VA Medical Center, Harris Health System, Texas Children’s Hospital, and many others. We emphasize communication, coordination, and collaboration between clinical staff, communities and patients/families to achieve our goals of quality, effectiveness, and safety and the whole health model. We will continue to grow cross-disciplinary teams of clinician scientists, social scientists, and others who are embedded in the health systems to ensure better understanding of challenges and potential for health care improvement.

IQuEST is ideally poised to contribute to making care more accessible, safer, and more patient-centered with innovative research, rapid implementation of evidence, novel methodologies that match the complexity of problems under study, solid partnerships that are built on decades of work, key stakeholder engagement, career development of future scientists, and infrastructure to promote a learning health care system within Baylor College of Medicine. Please join in a review of our achievements and recognition received during 2018.

Dr. Laura Petersen

Professor of Medicine, Chief, Section of Health Services Research BCM

MEDVAMC Associate Chief of Staff, Research; Director IQuEST
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B. Key Impacts
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# Health Services Research Faculty

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<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Track</th>
<th>Primary/Secondary</th>
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<tbody>
<tr>
<td>LAURA PETERSEN</td>
<td>Professor (tenured) (Section Chief)</td>
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<td>Primary</td>
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<tr>
<td>AMBER (AMY) AMSPOKER</td>
<td>Assistant Professor (non-tenure track)</td>
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<td>Primary</td>
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<tr>
<td>HODA BADR</td>
<td>Associate Professor (tenured)</td>
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<tr>
<td>ISRAEL CHRISTIE</td>
<td>Instructor</td>
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<td>Primary</td>
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<tr>
<td>JESSICA DAVILA</td>
<td>Associate Professor (tenured)</td>
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<tr>
<td>TRABER GIARDINA</td>
<td>Assistant Professor (tenure track)</td>
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<tr>
<td>KYLER GODWIN</td>
<td>Assistant Professor (tenure track)</td>
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<tr>
<td>VIVIAN HO</td>
<td>Professor (tenured)</td>
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<tr>
<td>MOLLY HORSTMAN</td>
<td>Assistant Professor (tenure track)</td>
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<tr>
<td>SYLVIA HYSONG</td>
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<tr>
<td>JENNIFER KRAMER</td>
<td>Assistant Professor (non-tenure track)</td>
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<tr>
<td>LINDSEY MARTIN</td>
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<tr>
<td>ASHLEY MEYER</td>
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<td>WHITNEY MILLS</td>
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<tr>
<td>DANIEL MURPHY</td>
<td>Assistant Professor (tenure track)</td>
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<tr>
<td>AANAND NAIK</td>
<td>Associate Professor (tenured)</td>
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<tr>
<td>NANCY PETERSEN</td>
<td>Associate Professor (non-tenured)</td>
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<tr>
<td>PETER RICHARDS</td>
<td>Assistant Professor (non-tenure track)</td>
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<tr>
<td>KATHRYN ROYSE</td>
<td>Instructor</td>
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<tr>
<td>SHUBHADA SANSGIRY</td>
<td>Assistant Professor (non-tenure track)</td>
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<tr>
<td>HARDEEP SINGH</td>
<td>Professor (tenured)</td>
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<tr>
<td>RICHARD STREET JR</td>
<td>Professor (non-tenured)</td>
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<tr>
<td>BARBARA TRAUTNER</td>
<td>Associate Professor (tenured)</td>
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<tr>
<td>ANNETTE WALDER</td>
<td>Instructor</td>
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<tr>
<td>DONNA WHITE</td>
<td>Assistant Professor (non-tenure track)</td>
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<tr>
<td>LEC HAUNCY WOODARD</td>
<td>Associate Professor (tenured)</td>
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<tr>
<td>MARK KUNKIN</td>
<td>Professor (tenured)</td>
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<td>Secondary</td>
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<tr>
<td>JEFF CULLY</td>
<td>Professor (tenured)</td>
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<td>Secondary</td>
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## Key Impacts

<table>
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<tr>
<th>Key Impact Label</th>
<th>PMID: 26010222 Overtreatment of asymptomatic bacteriuria (ASB) in patients with urinary catheters remains high. Healthcare professionals have difficulty differentiating cases of ASB from catheter-associated urinary tract infections. A multifaceted intervention targeting healthcare professionals who diagnose and treat patients with urinary catheters reduced overtreatment of ASB compared with standard quality improvement methods. These improvements persisted during a low-intensity maintenance period. The impact was more pronounced in long-term care, an emerging domain for antimicrobial stewardship.</th>
<th>Publication</th>
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<tr>
<td>PMID: 25714664 Increasing access to psychotherapy for PTSD is a primary focus of the VA healthcare system. Delivery of treatment via video telehealth can expand availability of treatment and be equally effective as in-person treatment. Development of specific strategies is needed to implement video telehealth services in complex healthcare systems, like the VA. This project conducted at 5 CBOCs was guided by the Promoting Action on Research Implementation in Health Services framework and used external facilitation to increase access to psychotherapy via video telehealth. Findings suggest that external facilitation is an effective and acceptable strategy to support providers as they establish clinics and make complex practice changes, such as implementing video telehealth to deliver psychotherapy</td>
<td>Publication</td>
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Diagnostic errors are major contributors to harmful patient outcomes, yet they remain a relatively understudied and unmeasured area of patient safety. Although they are estimated to affect about 12 million Americans each year in ambulatory care settings alone, both the conceptual and pragmatic scientific foundation for their measurement is underdeveloped. Health care organizations do not have the tools and strategies to measure diagnostic safety and most have not integrated diagnostic error into their existing patient safety programs. Further progress toward reducing diagnostic errors will hinge on our ability to overcome measurement-related challenges. In order to lay a robust groundwork for measurement and monitoring techniques to ensure diagnostic safety, we recently developed a multifaceted framework to advance the science of measuring diagnostic errors (The Safer Dx framework). We posit that the Safer Dx framework can be used by a variety of stakeholders including researchers, clinicians, health care organizations and policymakers, to stimulate both retrospective and more proactive measurement of diagnostic errors. The feedback and learning that would result will help develop subsequent interventions that lead to safer diagnosis, improved value of health care delivery and improved patient outcomes.

Health information technology (health IT) has potential to improve patient safety but its implementation and use have led to unintended consequences and new safety concerns. A key challenge to improving safety in health IT-enabled healthcare systems is to develop valid, feasible strategies to measure safety concerns at the intersection of health IT and patient safety. In response to the fundamental conceptual and methodological gaps related to both defining and measuring health IT-related patient safety, we propose a new framework, the Health IT Safety (HITS) measurement framework, to provide a conceptual foundation for health IT-related patient safety measurement, monitoring, and improvement. The framework proposes to integrate both retrospective and prospective measurement of HIT safety with an organization’s existing clinical risk management and safety programs. It aims to facilitate organizational learning, comprehensive 360 degree assessment of HIT safety that includes vendor involvement, refinement of measurement tools and strategies, and shared responsibility to identify problems and implement solutions. A long term framework goal is to enable rigorous measurement that helps achieve the safety benefits of health IT in real-world clinical settings.


Electronic health records (EHRs) have potential to facilitate reliable communication and follow-up of test results. However, limitations in EHR functionality remain, leading practitioners to use workarounds while managing test results. Workarounds can lead to patient safety concerns and signify indications as to how to build better EHR systems that meet provider needs. We conducted a secondary data analysis of quantitative and qualitative data from a national survey of PCPs practicing in the Department of Veterans Affairs (VA) and explored the use of workarounds in test results management. We used multivariate logistic regression analysis to examine the association between key sociotechnical factors that could affect test results follow-up (e.g., both technology-related and those unrelated to technology, such as organizational support for patient notification)
and workaround use. We conducted a qualitative content analysis of free text survey data to examine reasons for use of workarounds. Workarounds to manage EHR-based test results are common, and their use results from unmet provider information management needs. Future EHRs and the respective work systems around them need to evolve to meet these needs.


This publication was cited in The John A. Hartford Foundation Change AGEnts Initiative white paper "Patient-Centered Medical Homes and the Care of Older Adults: How comprehensive care coordination, community connections, and person-directed care can make a difference". The paper provides a roadmap to guide primary care practices in how to enhance care for older, complex patients and their families.

Dr. Hardeep Singh co-chaired a work-group under The Office of Patient Care Services (10P4) to revise a previous directive (VHA Directive 2009-019) and to establish new national policy regarding communication of test results to providers and patients. Timely communication of test results is essential to ensuring safe and effective health care. Lack of timely follow-up of abnormal test results has been identified as a contributor to poor outcomes and can be a source of considerable anxiety to patients and families. The Directive cites 11 publications from center members and provides policies and guidance on how to improve timeliness of follow-up of test results and is consistent with VHA's goals of providing Veterans with quality health care. The Directive is now in place at all 150-plus VA facilities and impacting care for millions of veterans.
<table>
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<tr>
<th>Explicit Quality Indicator Set for Measurement of Quality of Care in Patients with Cirrhosis</th>
<th>Dr. Fasiha Kanwal's work in cirrhosis quality measure development led to implementation of a performance measure as part of the Centers for Medicare and Medicare Service pay for performance program (HCC screening). This measure was also selected to be part of the GI measure set in AHIP, which is a national association representing nearly 1300 member companies providing health insurance coverage to more than 200 million Americans.</th>
<th>System Improvement</th>
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<tr>
<td><strong>Murphy DR, Meyer AN, Bhise V, Russo E, Sittig DF, Wei L, Wu L, Singh H.</strong> Computerized Triggers of Big Data to Detect Delays in Follow-up of Chest Imaging Results. Chest. 2016 Sep 1; 150(3):613-20.</td>
<td>We applied a trigger in a repository hosting EHR data from all Department of Veterans Affairs health-care facilities and analyzed data from seven facilities. Using literature reviews and expert input, we refined previously developed trigger criteria designed to identify patients potentially experiencing delays in diagnostic evaluation of chest imaging flagged as &quot;suspicious for malignancy.&quot; The trigger then excluded patients in whom further evaluation was unnecessary (ie, those with terminal illnesses or with already completed biopsies). The criteria were programmed into a computerized algorithm. Reviewers examined a random sample of trigger-positive (ie, patients with trigger-identified delay) and trigger-negative (ie, patients with an abnormal imaging result but no delay) records and confirmed the presence or absence of delay or need for additional tracking (eg, repeat imaging in 6 months). Analysis included calculating the trigger's diagnostic performance (ie, positive predictive value, negative predictive value, sensitivity, specificity). Application of triggers on &quot;big&quot; EHR data may aid in identifying patients experiencing delays in diagnostic evaluation of chest imaging results suspicious for malignancy.</td>
<td>Research Product</td>
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Publications


Presentations


41. Hahn EE, Munoz-Plaza C, Harrison TN, Luong TQ, Anand SS, Yi DK, Slezak JM, Mittman BS, Sim JJ, **Singh H**, Kanter MH, Danforth KN. Factors Associated with Delayed Follow-up of Abnormal Labs: A Qualitative Exploration of Primary Care Physicians’ Perspectives. Abstract. 10th International Diagnostic Error in Medicine Conference. Boston, MA. 2017 Oct 5.


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<tr>
<th>Method or Product Name</th>
<th>Brief Description</th>
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<tr>
<td><strong>2X2 Functional Health Literacy/Patient Activation Matrix</strong> (PI: LeChauncy Woodard)</td>
<td>The Functional Health Literacy/Activation Matrix tool was developed to provide personalized health information to clinicians to improve communication and coordination of self-management at the point of care. Functional Health Literacy (FHL) and Patient Activation levels are directly related to levels of motivation to participate in chronic disease self-management. By classifying veterans into high/low categories for both FHL and Patient Activation, the 2x2 Literacy/Activation Matrix provides a concrete description of a prototypical veteran in each quadrant and suggests corresponding actions and communication strategies for clinicians to uniquely target self-management plans with Veterans. By assessing Veterans' levels of Functional Health Literacy (FHL) and Patient Activation a priori, providers were able to tailor and personalize their approach to collaborative goal-setting. This personalization helped optimize chronic disease self-management for a costly population of Veterans with treated by uncontrolled Type II Diabetes Mellitus.</td>
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<tr>
<td><strong>AWARE: Alerts, Watch and Response Engine</strong> (PI: Hardeep Singh)</td>
<td>Abnormal test results do not always receive timely follow-up, even when providers are notified through electronic health record (EHR)-based alerts. Follow-up to abnormal test results in the outpatient setting is an important safety issue. The Houston Patient Safety team developed and did preliminary usability testing on a prototype software system to detect abnormal test result alerts lacking documented follow-up, and to present context-specific reminders to provider called the Alert Watch And Response Engine (AWARE).</td>
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<td><strong>CAUTI: Catheter Associated Urinary Tract Infection Intervention</strong> (PI: Barbara Trautner)</td>
<td>With VA HSR&amp;D funding, we have developed an intervention to encourage guideline compliant practices concerning antibiotic use for urinary tract infections. Specifically we used audit and feedback plus a &quot;fast and frugal&quot; algorithm to substitute incorrect biases towards excessive use of antibiotics for prescribing decisions that were compliant with guidelines.</td>
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<tr>
<td><strong>CBOC Mental Health Grand Rounds Program</strong> (PI: Mark Kunik)</td>
<td>The CBOC Mental Health Grand Rounds program is a partnership between the South Central Mental Illness, Research and Clinical Center (SC MIRECC) and Veterans Health Administration (VHA), Employee Education System (EES). Nationally known speakers from the VA and academia are invited to talk about cutting edge topics &amp; evidence-based practices that address the mental health care needs of rural Veterans. The monthly live meetings are made available to CBOCs and parent facilities in VISN 16 through the VA Knowledge Network. Select programs are archived for delayed viewing. The VA EES provides Continuing Education Credits for a number of healthcare disciplines.</td>
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<tr>
<td><strong>CPRS View Alert Notification Checklist</strong> (PI: Hardeep Singh)</td>
<td>A Checklist to Improve CPRS 'View Alert' Notifications: Recommendations for VA Facility Leadership and Staff was developed by the Houston Patient Safety team and a group of subject matter experts to assist VHA facilities in addressing the complexities involved in managing View Alerts. The Checklist provides facility leaders and staff with actionable, practical recommendations in a checklist-based format to ensure that View Alert notifications remain valuable for patient care.</td>
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<td>Project Name</td>
<td>Description</td>
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<td>CTR Toolkit: Communication of Test Results Toolkit (PI: Hardeep Singh)</td>
<td>The Houston Patient Safety team and a VA Workgroup comprised of subject matter experts developed a toolkit that offers practical guidance for facilities and clinical care teams to meet the requirements of VHA Directive 1088 for timely communication of test results to patients. The objectives of the toolkit are to: 1) describe useful practices, example workflows, and processes necessary to implement a safe, effective, and efficient method of timely outpatient test result communication to providers and patients; and 2) provide recommendations for system-level monitoring of outpatient test result communication to patients, and define the parameters and methodology involved in achieving this. Topics addressed include test result follow-up responsibilities, test result categories, CPRS View Alerts, team-based approaches to facilitate test result follow-up, vulnerable areas including handoffs in care, current methods to notify patients and measurement and reporting of test result notification.</td>
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<td>Customized Peer Facility Groups for VISNs (PI: Laura Petersen)</td>
<td>Dr. Laura Petersen's team created customized peer facility groups for VISNs. These peer facility groups allow Network managers to fairly compare their facilities (often of varying sizes, scopes of service, and missions) to facilities in other Networks. In the past 13 years, 11 VISNs have sought out our team to provide peer facility groups for quality and efficiency comparisons and to help with resource allocation. VISNs 11 and 12 have reported continuous use of the Houston-generated peer groups across their component facilities since 2004.</td>
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<td>EHR Trigger Tool Methodology (PI: Hardeep Singh)</td>
<td>The EHR Trigger Tool Methodology was developed for mining EHR data to detect delays in diagnostic evaluation of cancer. The computerized algorithms and SQL code to mine this data are products of this methodology. This tool is related to the Houston CREATE Project.</td>
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<tr>
<td>Manualized Motivational Interviewing and Behavioral Health Guides for Chronic Disease Self-Management (PI: Jeff Cully)</td>
<td>A pair of manuals was developed to guide the structure and delivery of a motivational interviewing and behavioral health intervention to improve chronic disease self-management. The manual reviewed by patients guided the content of the group sessions and ensured that materials were easily understood, even for those veterans with limited health literacy. The clinician manual contained the whole of the veteran manual, with specific notations and instructions for leading veterans through the group sessions. Together the manuals provided assurance for successful delivery of and fidelity to the content.</td>
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<tr>
<td>NLP/Structured Data Element Integration in EHRs (PI: Salim Virani)</td>
<td>Natural Language Processing (NLP) was applied to the problem of ensuring that patients receive evidence-based medication prescribing for cardiovascular disease. The CREATE 4 project developed a method to incorporate NLP with structured data elements from the electronic health record to provide decision support to clinicians at the point of care. The effectiveness of this method in improving care for lipid disease will be tested in new HSRD IIR that will start in FY 17.</td>
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<td>SAFER Guides (PI: Hardeep Singh)</td>
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<td>Dr. Singh's Houston Patient Safety Center team worked with researchers at the University of Texas Health Science Center at Houston's School of Biomedical Informatics as well as researchers at the Oregon Health and Science University, the research corporation Westat, and the Office of the National Coordinator for Health Information Technology (ONC), who sponsored the project, to develop self-assessment guides intended to help organizations proactively detect and reduce patient safety risks associated with electronic health records (EHRs). This group collaboratively developed and beta tested guides for nine different areas that contain recommended practices for optimizing the safety and use of EHRs. These guides are freely available nationally and are being increasingly used by both organizations and vendors.</td>
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<tr>
<th>VA Directive 1088 (PI: Hardeep Singh)</th>
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<td>The Houston Patient Safety team worked with The Office of Patient Care Services (10P4) to revise the previous directive (VHA Directive 2009-019) to establish policy regarding communication of test results to providers and patients. VHA is committed to the timely communication of test results, which is essential to ensuring safe and effective health care. Timely communication of test results to patients is essential for high quality patient-centered care. Lack of timely follow-up of abnormal test results has been identified as a contributor to poor outcomes and can be a source of considerable anxiety to patients and families. Patient involvement in test result follow-up is fundamental to improve safety in this area and is consistent with personalized proactive patient-driven care. Patients have a right to access personal health information and expect to be notified of test results in a timely manner. Enhancing timeliness of follow-up of test results is consistent with VHA's goals of providing Veterans with quality health care.</td>
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<th>IDENTIFY: Toolkit for Patient Identification (PI: Hardeep Singh)</th>
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<td>A Toolkit for the use of health IT in patient identification designed to improve health IT safety. This toolkit is the result of a multi-stakeholder collaborative workgroup chaired by Dr. Hardeep Singh through the Partnership for Health IT Patient Safety. This is the second set of Safe Practice Recommendations for the use of health IT in patient identification designed to improve health IT safety. IDENTIFY stands for: 1) INCLUDE: electronic fields containing patient identification data should consistently use standard identifier conventions; 2) DETECT: use a confirmatin process to help match the patient and the documentstion; 3) EVALUATE: use standard attributes and attribute formats in all transactions to improve matching; 4): NORMALIZE: use a standard display of patient attributes across the various systems; 5): TAILOR: include distinguishing information enhancing identification on screens printouts, and those areas that require interventions; 6): INNOVATE: integrate new technologies to facilitate and enhance identification; 7): FOLLOW-UP: implement monitoring systems to readily detect identification errors; 8). YIELD: include high-specificity active alerts and notifications to facilitate proper identification.</td>
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Awards and Honors

1. **Amspoker**
   - Journal Editorial Board: Clinical Gerontologist
   - Journal Editorial Board: Journal of Clinical Psychology in Medical Settings

2. **Badr**
   - Co-Leader, Cancer Prevention and Population Sciences Program, Dan L. Duncan Cancer Center
   - Co-Leader, Cancer Survivorship Disease Oriented Working Group, Dan L. Duncan Cancer Center
   - Core Member, Head and Neck Disease Oriented Working Group, Dan L. Duncan Comprehensive Cancer Center
   - Member, Editorial Board, Journal of Psychosocial Oncology
   - Member, Scientific Review Group, ZCA1 TCRB-Y (J3) S, Fundamental Mechanisms of Affective and Decisional Processes in Cancer Control
   - Member, Editorial Board, Journal of Psychosocial Oncology
   - Member, Department of Medicine Appointment and Promotions Committee
   - Member, Core Member, Head and Neck Disease Oriented Working Group, Dan L. Duncan Comprehensive Cancer Center
   - Member, Editorial Board, Annals of Behavioral Medicine
   - Editor, Special Issue, Journal of Psychosocial Oncology, Innovations and Real World Applications of Relationship Research in Cancer
   - Member, Scientific Review Group NINR ZNR1 REV-M(34) NINR P20 and P30 Centers Meeting
   - Member, NCI Subcommitte J – Career Development

3. **Bush**
   - Associate Editor, Global Journal of Medicine and Public Health
   - Assistant Editor, Journal of Vascular Surgery, Venous and Lymphatics
   - Journal Editorial Board, World Journal of Surgery
   - Texas Medical Association, Council on Medical Education
   - American College of Surgeons, ACS Foundation, Secretary
   - American College of Surgeons, ACS Foundation Board of Directors
   - American College of Surgeons, ACS Foundation/CFR Committee
   - American Venous Forum, Chair, Education Council
   - Association of VA Surgeons, Membership Committee
   - Society for Vascular Surgery, Document Oversight Committee
   - Vascular and Endovascular Surgery Society, Board of Directors, Foundation for Vascular Innovation
   - Assistant Editor, Journal of Vascular Surgery: Venous and Lymphatic Disorders
   - Vascular surgery oral examiner, American Board of Surgery
   - VA HSR Review Panel, Learning Healthcare Initiative Randomized Program Evaluation
   - Assistant Editor, Journal of Vascular Surgery: Venous and Lymphatic Disorders
   - Board of Directors, American Venous Forum
   - Co-organizer/facilitator, Early Career Venous Specialist Session for American Venous Forum Annual Meeting, Poster session

4. **Davila**
   - Member, National VA VIREC Steering Committee
   - Member, Dan L Duncan Cancer Center
   - Member, Biostatistician Recruiting Committee, Dan L Duncan Cancer Center
   - Member, National VA HSR&D Service Working Group on Data Access, Storage, and Analysis
e. Member, BCM Faculty Research and Fellowship Support Committee
f. Member, BCM Faculty Appointments and Promotions Committee
g. Director, Design and Analysis Program, Center for AIDS Research (CFAR) BCM
h. Editorial Board, World Journal of Gastroenterology
i. Editorial Board, World Journal of Clinical Oncology

5. Godwin
   a. BCM, Master Facilitator, Team Launch
   b. Module Leader, Team Launch, Launch Pad Module 3, Applying Teamwork Tools, Part 2: Coaching, Conflict, Capabilities and Conditions
   c. BCM. Co-Module Leader, Team Launch, Launch Pad Module 4, Putting it all together!
   d. BCM, Department of Medicine, Vice Chair Group for Quality Improvement and Innovation, Evaluation Specialist
e. Co-Director –Advanced Fellows National Curriculum Workgroup, Office of Academic Affiliations, United States Department of Veterans Affairs
f. Co-leader, Team Projects, Healthcare Quality Track, Quality Enhancement Program, Baylor College of Medicine
g. Team Member, Quality Enhancement Program Committee, Baylor College of Medicine
h. Co-Director, VA Quality Scholars Coordinating Center, Center for Innovations in Quality, Effectiveness and Safety (IQuESt), Michael E. DeBakey VA Medical Center
i. Co-Director, Health Professions Education Evaluation and Research Fellowship, Center for Innovations in Quality, Effectiveness and Safety (IQuESt), Michael E. DeBakey VA Medical Center
j. Associate Director, Education Core, Center for Innovations in Quality, Effectiveness and Safety (IQuESt), Michael E. DeBakey VA Medical Center

6. Horstman
   a. BCM, GME Faculty Workgroup in Continuous Quality Improvement
   b. Society of Hospital Medicine, Committee Member, Performance Measurement and Reporting Committee

7. Hysong
   a. Member, Baylor College of Medicine Liaison Committee on Medical Education
   b. Member, Fulbright & Jaworski Faculty Excellence Award Review Committee
d. Subject Matter Expert. VHA Physician Burnout Research Summit
e. Associate Director, VA Quality Scholars Coordinating Center
f. VA Scientific Merit Review Board (this is an undersecretary level appointment)
g. Steering Committee Member. International Audit and Feedback Collaborative Meta-Laboratories
h. Executive Advisory Board Member, Career Development Award Enhancement Initiative, Health Services Research and Development
i. Review Panel: Annual Meeting of the Society for Industrial/Organizational Psychology – Program Committee
j. National Scientific Review Panel: Department of Veterans Affairs Health Services Research and Development Scientific Merit Review Board – member
k. Subject Matter Expert, VA Pay-for-Performance Initiative
l. Steering Committee Member, International Audit and Feedback Meta-Laboratories
m. Norton Rose Fulbright Faculty Excellence Award –Educational Leadership

8. Martin
   a. HSR&D Veteran Engagement Workgroup (national workgroup), Department of Veterans Affairs

9. Meyer
   a. Co-Chair The Society to Improve Diagnosis in Medicine’s Research Committee

10. Mills
    a. Member – National Advisory Panel, Suicide Awareness in Veterans Exiting Community Living Centers, Department of Veterans Affairs
b. Member – VA Decision Making Capacity Education Planning Group (national workgroup for VA Dementia Steering Committee) Department of Veterans Affairs

c. Member, Public Policy Committee, Development Committee, Pioneer Network

d. Member – Assessing Stage of Dementia and Decision-Making Capacity Workgroup Department of Veterans Affairs

e. Member, Suicide Awareness in Veterans Exiting Community Living Centers National Advisory Panel, Department of Veterans Affairs

f. Lead, Community Living Center Research Interest Group, Department of Veterans Affairs

g. Member, Caring for Veterans with Serious Mental Illness in CLCs, Department of Veterans Affairs

h. Member, Public Policy Committee, Development Committee, Pioneer Network

i. Member, Houston Alliance to Address Dementia Leadership Council, Sheltering Arms Senior Services Division, Neighborhood Centers Inc.

j. Member Leadership Council Evaluation Work Group, Direct Care Worker of the Year Award Committee, Care for Elders

11. Murphy

    a. Medical Director, General Internal Medicine at Baylor Clinic

    b. Member, BCM Faculty Group Practice (FGP) Patient Quality & Safety Committee

    c. Director, Baylor St. Luke’s Medical Group Board of Directors

    d. Member, BCM Department of Medicine Quality Improvement and Innovations Vice Chair Group

    e. Member, BCM Faculty Group Practice (FGP) Business Intelligence Committee

    f. Member, BCM Faculty Group Practice (FGP) Pharmaceutical & Therapeutics (P & T) Committee

    g. Baylor College of Medicine Quality Improvement and Patient Safety, abstract review

12. Naik

    a. Associate Editor & Editorial Board Member: Clinical Gerontology

    b. Standing member, Patient-Centered Outcomes Research Institute (PCORI)

    c. Member, Association of Specialty Professors (ASP)

    d. BCM, Longitudinal Ambulatory Care Education (LACE) Steering Committee

    e. BCM Faculty Committee on Medical Student Curriculum Standing Committee Member

    f. BCM Faculty Standing Committee on Research Member

    g. Texas Medical Center Health Policy Institute

    h. Vice Chair of Quality Improvement and Innovations, Alkek Department of Medicine, Baylor College of Medicine

    i. Director, Coordinating Center for VA Quality Scholars Program

13. Petersen, Laura

    a. Associate Chief of Staff for Research, Michael E. DeBakey VA Medical Center

    b. Chair, Internal Advisory Committee, CPRIT Training Program, “Cancer Prevention Post-Graduate Training Program in Integrative Epidemiology

    c. Member, McNair Campus Steering Committee BCM Clinical Research Work Group

    d. Member, Boston/Bedford CHOIR VA HSR&D Center of Innovations Steering Committee

    e. Member, MEDVAMC Dean’s Committee (renamed Joint Executive Management Council in 2017)

    f. Member, MEDVAMC Quality, Safety, and Value (QSV) Board

    g. Member, Clinical Executive Board, MEDVAMC

    h. Member, Texas Medical Center Strategic Planning Initiative Steering Committee

    i. Member, Texas Medical Center Council of Research Directors

    j. Co-Chair, Texas Medical Center Clinical Research Design Team

    k. Health Policy Scholar, Center for Medical Ethics and Health Policy, BCM

    l. Member, Texas Medical Center Women’s Leadership Council

    m. Chief, Health Services Research Section, Department of Medicine, Baylor College of Medicine

    n. VA HSR&D Quality Enhancement Research Initiative (QUERI) Strategic Advisory (formerly Research and Methodology) Committee

    o. Member, Association of Specialty Professors (ASP)

    p. Member, Executive Council, MEDVAMC
q. Member, Texas Medical Center Health Policy Institute
r. Leader, MEDVAMC Research Value Stream
s. Member, BCM Strategic Planning Advisory Committee
t. Member, Greater Houston Healthconnect (GHH) Research Committee
w. Fellow, American College of Physicians
x. Elected Member, American Clinical and Climatological Association (ACCA)
y. Elected Member, Association of American Physicians (AAP)
z. Member, Selection Committee, 2018 Research Rehabilitation & Development (RR&D) Paul B. Magnuson Award
aa. Member, BCM Department of Medicine Vice Chair for Research Committee
bb. Member, Selection Committee, Junior Investigator of the Year Award, Society of General Internal Medicine, 2008 Annual Meeting; 2017 Annual Meeting; 2018 Annual Meeting
c. Member, Los Angeles Center for the Study of Healthcare Innovation, Implementation, and Policy (CSHIIP) VA HSR&D Center of Innovations Steering Committee
dd. Member, Performance Measurement Committee of the American College of Physicians
e. VA Under Secretary’ Award for Outstanding Achievement in Health Services Research, 2018

14. Petersen, Nancy
   a. Chair, American Statistical Association, Committee on Membership Recruitment and Retention
   b. Member of abstract selection committee for American Heart Association
   c. Reviewer for HSRD/QUERI National Conference

15. Sansgiry
   a. Editorial Board Member, Journal of Pharmaceutical Analytics and Insights
   b. Member, Research & Development Committee, Veterans Affairs Medical Center

16. Singh
   a. Member, VA Field Research Advisory Committee (FRAC)
   b. Appointed to the Harris County Medical Society (HCMS) Health Information Technology (HIT) Committee
   c. Nominated Member, National Quality Forum Improving Diagnostic Accuracy Committee
   d. Co-Chair, National Quality Forum Committee for Identification and Prioritization of HIT Patient Safety Measures
   e. Member, Editorial Board, International Journal for Quality in Health Care
   f. Associate Editor, Diagnosis
   g. Co-Chair, Closing the Referral Loop Expert Panel, National Patient Safety, Foundation – Institute for Healthcare Improvement, Boston, MA
   h. Patient Safety Expert of the Year 2017 – Texas award, Corporate Vision Magazine
   i. HHS Appointed Member, Clinical Laboratory Improvement Advisory Committee (CLIAC)
   j. Lead Research Consultant, VHA EPRP Measurement of Communication of Test Results
   k. Initiative
   l. International Journal for Quality in Health Care, Editorial Committee Board
   m. Steering Committee Member, Center for Health Systems and Safety Research, Australian Institute of Health Innovation, Macquarie University, NHMRC Partnership Project: Delivering Safe and Effective Test Result Communication, Management and Follow-Up
   n. Editorial Advisory Board, The Joint Commission Journal on Quality and Patient Safety
   o. International Review Panel for India Alliance Fellowship, The Wellcome Trust/DBT India Alliance

17. Trautner
   a. Ben and Margaret Love Foundation Bobby Alford Award for Academic Clinical Professionalism, BCM, Director of Clinical Research, Department of Surgery, BCM
   b. Data Monitoring Committee member for VA Cooperative Studies Program #2004 “Microbiota or
Placebo after Antimicrobial Therapy for Recurrent C. difficile at Home”

- Invited member of SHEA Public Policy and Government Affairs Committee
- Chair of Review Panel for 2017 Healthcare Innovations Seed Grants, Department of Medicine
- Member, Antimicrobial Stewardship Executive Committee, Houston Health Department
- Norton Rose Fulbright Faculty Excellence Award, Enduring Educational Materials
- Editorial Board Member, Journal of Surgical Research
- NIH NIDDK ZRG1 DKUS-R 90 study section (urology)

18. White

- American Public Health Association, Epidemiology Section, National Research Meeting (Abstract reviewer)
- Texas Medical Center Digestive Diseases Center (DDC) at Baylor College of Medicine, Member (elected), NIDDK P30 site
- Dan L. Duncan Cancer Center at Baylor College of Medicine, Member (elected), NCI P30 site
- Center Translational Research in Inflammatory Disease (CTRID) at the Michael E. DeBakey VA Medical Center, Associate Member (elected)
- BMC Gastroenterology (Ad hoc reviewer)
- Grant Reviewer, Pilot Research Grants, Dept. of Surgery, Michael E. DeBakey VA

19. Woodard

- Elected BCM, Faculty Senate Secretary
- BCM, Academic Council Representative
- Deputy Editor, Journal of General Internal Medicine
<table>
<thead>
<tr>
<th>Agency ID</th>
<th>Project Title</th>
<th>HSR Investigator</th>
<th>Source</th>
<th>Total Funds</th>
<th>Start Date</th>
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<th>Status or Project Type</th>
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<td>CDA 13-264</td>
<td>Integration of Peer Support Across the PTSD Continuum of Care</td>
<td>N. E. Hundt PhD - Awardee, Houston</td>
<td>HSR&amp;D</td>
<td>$269,100</td>
<td>10/1/2015</td>
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<td>CIN 13-413</td>
<td>Center for Innovations in Quality, Effectiveness and Safety (IQuEST)</td>
<td>L. A. Petersen MD MPH - Center Director, Houston</td>
<td>HSR&amp;D</td>
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<td>CRE 12-033</td>
<td>Automated Point-of-Care Surveillance of Outpatient Delays in Cancer Diagnosis</td>
<td>H. Singh MD MPH - PI, Houston G. J. Chen PhD MD MPH - Co-Investigator, Houston A. Meyer PhD - Co-Investigator, Houston D. Murphy MD - Co-Investigator, Houston M. W. Smith PhD - Co-Investigator, Houston N. J. Petersen PhD - Biostatistician, Houston</td>
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<td>6/1/2013</td>
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<td>CRE 12-035</td>
<td>Identifying and Delivering Point-of-care Information to Improve Care Coordination</td>
<td>L. A. Petersen MD MPH - PI, Houston S. J. Hysong PhD MA BA - Co-PI, Houston A. Amspoker PhD - Biostatistician, Houston</td>
<td>HSR&amp;D</td>
<td>$864,672</td>
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<td>CRE 12-310</td>
<td>Adapting and Implementing the Blended Collaborative Care Model in CBOCs</td>
<td>N. J. Petersen PhD - Co-Investigator, Houston</td>
<td>HSR&amp;D</td>
<td>$7,952</td>
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<td>CRE 12-314</td>
<td>A Computer-Assisted Cognitive Behavioral Therapy Tool to Enhance Fidelity in CBO</td>
<td>M. Kauth PhD - Co-Investigator, Houston J. A. Lindsay PhD - Co-Investigator, Houston</td>
<td>HSR&amp;D</td>
<td>$62,582</td>
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<td>CRE 12-426</td>
<td>Point-of-care health literacy and activation information to improve diabetes care</td>
<td>L. D. Woodard MD MPH - PI, Houston N. E. Hundt PhD - Co-Investigator, Houston A. D. Naik MD BA - Co-Investigator, Houston R. Street PhD MA - Co-Investigator, Houston A. Amspoker PhD - Biostatistician, Houston</td>
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<td>IIR 12-383</td>
<td>Linking Clinician Interaction and Coordination to Clinical Performance in VA PACT</td>
<td>S. J. Hysong PhD MA BA - PI, Houston A. D. Naik MD BA - Co-Investigator, Houston L. D. Woodard MD MPH - Co-Investigator, Houston A. Amspoker PhD - Biostatistician, Houston</td>
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<td>IIR 12-395</td>
<td>Identifying and Reducing Catheter-Related Complications</td>
<td>B. Trautner MD - Co-Investigator, Houston</td>
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<td>IIR 14-101</td>
<td>A multi-level intervention to improve cancer care for hepatocellular carcinoma</td>
<td>J. Davila PhD, MS BS - PI, Houston T. P. Giordano MD MPH - Co-Investigator, Houston F. Kanwal MBBS MD - Co-Investigator, Houston L. Martin PhD - Co-Investigator, Houston A. D. Naik MD BA - Co-Investigator, Houston S. Sansgiry PhD - Co-Investigator, Houston P. A. Richardson PhD MS BA - Co-Investigator, Houston P. A. Richardson PhD MS BA - Biostatistician, Houston</td>
<td>HSR&amp;D</td>
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<td>IIR 15-085</td>
<td>Alignment of Treatment Preferences and Repair Type for Veterans with AAA</td>
<td>P. Kougias MD MSc - Co-Investigator, Houston</td>
<td>HSR&amp;D</td>
<td>$3,216</td>
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<td>IIR 16-072</td>
<td>Determining and targeting reasons for low statin use to improve guideline-concordant statin therapy in high-risk patients</td>
<td>S. Virani MD - PI, Houston</td>
<td>HSR&amp;D</td>
<td>$38,309</td>
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<td>NRI 12-415</td>
<td>Telephone Assessment and Skill-Building Intervention for Informal Caregivers</td>
<td>J. A. Anderson PhD NP - Co-Investigator, Houston K. Godwin PhD MPH BS - Consultant, Houston</td>
<td>HSR&amp;D</td>
<td>$186,528</td>
<td>10/1/2012</td>
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<td>PPO 16-106</td>
<td>Brief Psychotherapy for Depression in Primary Care: Identifying Successful Clinical Practices</td>
<td>J. Cully PhD MEd - Co-Investigator, Houston S. Sansgiry PhD - Co-Investigator, Houston</td>
<td>HSR&amp;D</td>
<td>$4,516</td>
<td>7/1/2017</td>
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<td>TPP 97-004</td>
<td>Training Program for Fellows (post Ph.D.s) at Houston COIN</td>
<td>L. A. Petersen MD MPH - Director, Houston</td>
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<td>$47,558</td>
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<td>TPR 06-101</td>
<td>Post Resident Training Program</td>
<td>L. A. Petersen MD MPH - Director, Houston</td>
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<td>$28,382</td>
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<td>USA 14-274</td>
<td>Presidential Early Career Award for Scientists and Engineers</td>
<td>H. Singh MD MPH - Awardee, Houston</td>
<td>HSR&amp;D</td>
<td>$75,000</td>
<td>1/1/2014</td>
<td>12/31/2018</td>
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<td>XXX XX-XXX</td>
<td>ADMINISTRATIVE AND TRAVEL REIMBURSEMENTS - Field Based Science Advisors (FBSAs)</td>
<td>L. A. Petersen MD MPH - Center Director, Houston A. MC - Co-Investigator, Reno</td>
<td>HSR&amp;D</td>
<td>$24,432</td>
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<td>RSG 15-058</td>
<td>Psychosocial Intervention for Advanced Lung Cancer Patients and Caregivers</td>
<td>H. Badr, PhD - Principal Investigator, Houston</td>
<td>ACS</td>
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<td>CA 187143</td>
<td>A Psychosocial Intervention for the Caregivers of Advanced Lung Cancer Patients</td>
<td>H. Badr, PhD - Principal Investigator, Houston</td>
<td>NIH R01</td>
<td>$2,473,983</td>
<td>9/1/2014</td>
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<td>XXX XX-XXX</td>
<td>Using Implementation Science to Guide Survivorship Care Planning Efforts</td>
<td>H. Badr, PhD - Principal Investigator, Houston</td>
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<td>QIS 18-201</td>
<td>Leading Healthcare Improvement: Leadership Training for Applying Improvement Strategies, start-up funding</td>
<td>K. Godwin, PhD - Principal Investigator, Houston</td>
<td>QUERI</td>
<td>$56,275</td>
<td>6/1/2018</td>
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<td>17MCPRP3 3390011</td>
<td>Optimizing Patient-Initiated Post-Discharge Care for Patients with Heart Failure</td>
<td>M. Horstman, MD - Principal Investigator, Houston</td>
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<td>$70,000</td>
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<td>XXX XX-XXX</td>
<td>Patient Priorities Care Pilot Study</td>
<td>A. Naik, MD - Principal Investigator, Houston</td>
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<td>XXX XX-XXX</td>
<td>Integrating Patient Priorities Care and Social Work Case Management</td>
<td>A. Naik, MD - Principal Investigator, Houston</td>
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<td>XXX XX-XXX</td>
<td>Coordinating Center for the VA Quality Scholars Program</td>
<td>A. Naik, MD - Principal Investigator, Houston</td>
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<td>HX 16-075</td>
<td>Patient Centered Approach to Advanced Liver Disease</td>
<td>F. Kanwal, MD - Co-Principal Investigator, Houston</td>
<td>HSR&amp;D</td>
<td>$980,000</td>
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<td>CRE 12-426</td>
<td>Point-of-care health literacy and activation information to improve diabetes care</td>
<td>A. Naik, MD - Principal Investigator, Houston</td>
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<td>XXX XX-XXX</td>
<td>Primary Specialty Care Redesign (Carealign) Implementation</td>
<td>A. Naik, MD - Principal Investigator, Houston</td>
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<td>IK2RX001241</td>
<td>Improving Veteran Transitions from VA Community living Centers to the Community</td>
<td>A. Naik, MD - Principal Investigator, Houston</td>
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<td>XXX XX-XXX</td>
<td>VA Advanced Fellowships in HSR</td>
<td>A. Naik, MD - Principal Investigator, Houston</td>
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<td>XXX XX-XXX</td>
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<td>A. Naik, MD - Principal Investigator, Houston</td>
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<td>HX 17-066</td>
<td>Comparative Effectiveness of Alternative Strategies for Monitoring Hospital Surgical Performance</td>
<td>N. Massarweh MD – Principal Investigator, L. Petersen, MD, MPH - Co-Investigator, P. Richardson, PhD - Co-Investigator</td>
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<td>Determining and targeting reasons for low statin use to improve guideline-concordant statin therapy in high-risk patients</td>
<td>S. Virani, MD, PhD</td>
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<td>HX 15-438</td>
<td>Improving the Measurement of VA Facility Performance to Foster a Learning Healthcare System</td>
<td>L. Petersen, MD, MPH</td>
<td>S. Hysong, PhD</td>
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<td>HX-16-025</td>
<td>Less is More: Improving Antimicrobial Stewardship for Asymptomatic Bacteriuria</td>
<td>B. Trautner, MD, PhD</td>
<td>L. Petersen, MD, MPH</td>
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<td>$1,095,924</td>
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<td>R01</td>
<td>Optimizing Alphafetoprotein as a Biomarker for Detecting Hepatocellular Carcinoma</td>
<td>J. Davila PhD MS BS</td>
<td>R. Street, PhD</td>
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<td>A Multi-level Intervention to Improve Cancer Care for Hepatocellular Carcinoma</td>
<td>J. Davila PhD MS BS</td>
<td>L. Martin, MD MPH</td>
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<td>National Cancer Institute/Department of Veterans Affairs Big Data Fellowship in Cancer Research</td>
<td>J. Davila PhD MS BS</td>
<td>J. Kramer, PhD</td>
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<td>XXX-XXXX</td>
<td>QUERI-OAA Centers of Excellence in Primary Care Training Program: Participant Survey</td>
<td>J. Davila PhD MS BS</td>
<td>J. Kramer, PhD</td>
<td>VA QUERI OAA</td>
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<td>XXX-XXXX</td>
<td>Effectiveness of Zepatier™ (elbasvir (EBR)/grazoprevir (GZR)) co-administered with Ribavirin (RBV) treatment for 16 weeks duration in chronic hepatitis C virus (HCV) genotype 1a (GT1a)-infected patients with selected baseline NS5A resistance associated substitutions: A retrospective observational analysis of the US Veterans Health Administration (VHA) National Data</td>
<td>J. Kramer, PhD</td>
<td>J. Kramer, PhD</td>
<td>Merck &amp; Co</td>
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<td>CX 001430</td>
<td>Sex hormones and HCV-related liver disease progression</td>
<td>D. White, PhD</td>
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<td>VA CSR&amp;D</td>
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<td>CA 206479</td>
<td>Identifying Novel Pharmacologic Risk factors for Common Malignancies In Individuals with Well-controlled HIV Infection (PQ3)</td>
<td>D. White, PhD</td>
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<td>The Texas Hepatocellular consortium (THCCC)</td>
<td>D. White, PhD</td>
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<td>CA 190776</td>
<td>A New Lab Based Algorithm for HCC Surveillance in Patients with Cirrhosis</td>
<td>D. White, PhD</td>
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<td>HS 025474</td>
<td>Engaging Patients in Diagnostic Error Reporting</td>
<td>T. Giardina, PhD</td>
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<td>AHRQ K01</td>
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<td>$766,326</td>
<td>09/01/2018</td>
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</tbody>
</table>
Hematology–Oncology

JULY 2017– JUNE 2018

Baylor College of Medicine

MARGARET M. & ALBERT B. ALKEK
DEPARTMENT OF MEDICINE
Faculty

Caroline E. Arber Barth, MD
Malcolm K. Brenner, MD
George Carrum, MD
Gary C. Chamness, MD
Chad Creighton, MD
Matthew Ellis, MD
Suzanne Fuqua, MD
Svasti Haricharan, MD
Bin He, MD
Valentina Hoyos, MD
Sao Jiralerspong, MD
Aparna C. Jotwani, MD
Mamta Kalidas, MD
Rammurti Kamble, MD
Salma Kaochar, PhD
Meghashyam Kavuri, MD
Weei-Chin Lin, MD PhD
Fang- Tsyr (Fannie) Lin, MD
Premal Lulla, MD
Maksim Mamonkin, MD
Courtney N. Miller-Chism, MD
Martha P. Mims, MD PhD
Nicholas Mitsiades, MD PhD
Benjamin Musher, MD
Julie Nangia, MD
Charles K. Osborne, MD
Carlos Ramos, MD
Mothaffar F. Rimawi, MD
Gustavo Rivero, MD
Anita L. Sabichi, MD
Yvonne Hsiao-Fan Sada, MD
Rachel Schiff, MD
Brandon G Smaglo, MD, FACP
Iberia Romina Sosa, MD PhD
Samer Srour, MD, MB, ChB, MS
Sravanti P. Teegavarapu, MD
Perumal Thiagarajan, MD
Mark M. Udden, MD
Juan Fernando Vera Valdes, MD
Ayumi Watanabe, MD
Zahida Yasin, MD
Sarvari V.Yellapragada, MD
Aihua E.Yen, MD
Jun Zhang, MD
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A. Publications


47. Tran Cao HS, Zhang Q, **Sada YH, Chai C, Curley SA, Massarweh NN.** The role of surgery and adjuvant therapy in lymph node-positive cancers of the gallbladder and intrahepatic bile ducts. Cancer. 2018 Jan 1;124(1):74-83. PMID:28841223


58. Srour SA, Li S, Popat UR, Qazilbash MH, Lozano-Cerrada S, Maadani F, Alousi A,


B. **Awards and Honors**

1. **Brenner:** European Society of Gene and Cell Therapy Outstanding Achievement Award
2. **Ellis:** Forbes Physician Honor Roll December 2017
3. **Kaochar:** American Association of Cancer Research (AACR) Prostate 2017 Scholar-in-Training Award
   American Association of Cancer Research (AACR) Women in Cancer Research Award
   2018 Prostate Cancer Foundation Young Investigator Award
4. **Heslop:** President American Society of Gene and Cell Therapy
5. **Lulla:** ASH Scholar Award 2017
6. **Miller-Chism:** ASH Medical Educators Institute Scholar
   Baylor Oncology Fellowship; Best Clinic Experience Teaching of the Year, for Hematology Clinic; 2017/18
7. **Mims:** Houstonia Magazine Top Doctor
   Baylor Oncology Fellowship; Best Clinic Experience Teaching of the Year, for Hematology Clinic; 2017/18
8. **Musher:** “Top Doctor” Harris Health System
   Baylor Oncology Fellowship; Best Clinic Experience Teaching of the Year, for GI Oncology Clinic; 2017/18
   Houstonia Magazine Top Doctor
9. **Nangia:** Oncology Times Honorable Mention for Study Validating Safety and Efficacy of Scalp Cooling Technology
10. **Osborne:** *2018 AACR Distinguished Award for Extraordinary Scientific Achievement and Leadership in Breast Cancer Research.*
11. **Rivero:** Center of Excellence in Healthy Equity, Training, and Research (COE) Junior Faculty Scholar 2017-2018 Cohort
12. **Sabichi:** Castle Connolly Top Doctors: 2017
13. **Sada:** Early Career Faculty Award for Excellence in Patient Care
14. **Smaglo:** Baylor Oncology Fellowship; Best Clinic Experience Teaching of the Year, for GI Oncology Clinic; 2017/18
   Duncan Cancer Center Early Phase Clinical Research Award
15. **Sosa:** That’s The Way Player of the Month Award:
    Center of Excellence in Healthy Equity, Training, and Research (COE) Junior Faculty Scholar 2018-2019 Cohort
16. **Udden:** Chair, American Board of Internal Medicine Hematology Board
    Baylor Oncology Fellowship; Best Clinic Experience Teaching of the Year, for Hematology Clinic; 2017/18
17. **Yellapragada:** Star Faculty Award for Excellence in Patient Care
    Baylor Hematology Fellows Award for Teaching in Hematology
C. Books and Book Chapters


D. Professional Organization/Association Offices Held

1. Heslop, H:
   American Society of Gene and Cell therapy
   President
   American Society of Hematology
   Member, Nominating Committee
   Foundation for Accreditation of Cell Therapy
   President

2. Miller-Chism, C:
   American Society of Hematology
   Medical Medical Educators Institute
   Member, Question writing committee for ASH SAP

3. Mims, M:
   American Society of Hematology
   Member, ASH Committee on Training
   Chair, ASH Training Awards Committee
   Chair, ASH Research Training Award for Fellows Study Section
   Director K2R Program for ASH
   Member ASH Awards Committee;
   Member ASH Ambassador Program Faculty
American Society of Clinical Oncology  
   Session Chair, Prostate Cancer 2018 Annual Meeting  
American Society of Cancer Institutes Physician Clinical Leadership Initiative  
   Steering Committee Member  
Baylor Principal Investigator for Southwest Oncology Group;  
   Member GU Oncology Committee of the Southwest Oncology group;  
   Member of SWOG Board of Governors;  
Co-Chair Planning Committee for BCM/MDACC Comprehensive Board Review in  
   Hematology and Medical Oncology;  

4. Mitsiades, N:  
   Southwest Oncology Group;  
   Member GU Oncology Committee  

5. Musher, B:  
   Southwest Oncology Group;  
   Member GI Oncology Committee  

6. Rivero, G:  
   Southwest Oncology Group;  
   Member Leukemia Committee  

7. Sabichi, A:  
   Southwest Oncology Group;  
   Member Lung Cancer Committee  

8. Sada, Y:  
   Southwest Oncology Group;  
   Member GI Oncology Committee  

9. Smaglo, B:  
   Southwest Oncology Group;  
   Member GI Oncology Committee  

Sosa, R:  
American Society of Hematology  
   Member, Question writing committee for ASH SAP  

10. Udden, M:  
   American Board of Internal Medicine  
   Chair, Hematology Board  

11. Yen, A:  
   Southwest Oncology Group;  
   Member GU Oncology Committee  

E. Editorial Board Memberships and Editorial Positions  

Brenner, M: Editor and Chief Molecular Therapy  
Deputy Editor: Molecular Therapy, Associate Editor: Blood  
Mims, M: Associate Editor: Translational Research  
Mitsiades, N: Editorial Board: Endocrine Related Cancer, International Journal of  
   Oncology, Journal of the Endocrine Society  
Musher, B: Clinical Gastroenterology and Hepatology reviewer (ad hoc); New England  
   Journal of Medicine reviewer (ad hoc)  
Osborne, CK: Editorial Board: Breast Cancer Research, Cancer Research  
Rivero, G: Associate Editor: Blood Research and Disorders Journal  
Sabichi, A: Editorial Board, The Scientific World Journal; Editorial Board, New Journal of
F. Grants

1. **Arber Barth, C**: Genetically Engineered Virus-Specific T Cells To Prevent And Treat Relapse And Infection After Allogeneic Hematopoietic Stem Cell Transplantation Leukemia & Lymphoma Society 6490-16 (10/1/2015 - 9/30/2018)
2. **Brenner, M**: Engineering T Cells To Ensure Specificity For Tumor Cells And Their Environment Cancer Prevention & Research Institute Of Texas (CPRIT) RP160345 (9/15/2016 - 2/28/2019)
3. **Brenner, M**: Amendment/NCE - To Extend Agreement- Followup For Lokon (Sample Analysis For The Clinical Trial) Lokon Pharma Ab (10/15/2017 - 10/14/2018)
4. **Carrum, G**: A Multi-Center, Randomized, Double-Blind, Placebo-Controlled Phase Iii Trial Of The Flt3 Inhibitor Gilteritinib Administered As Maintenance Therapy Following Allogeneic Transplant For Patients With Flt3-Itd Aml Bmt Ctn Protocol #1506/Astellas Astellas Pharma Global Development , Inc. Protocol Rider 1501 (Amend1) (12/7/2017 - 8/31/2018)
6. **Chamness, G**: A Phase II Clinical Trial Platform Of Sensitization Utilizing Total Neoadjuvant Therapy (TNT) In Rectal Cancer (The "G1002 Project" National Surgical Adjuvant Breast And Bowel Project (NSABP) NRG-G1002 (11/1/2016 - 10/31/2018)
7. **Chamness, G**: NCE - NSABP B47 Sub Study NIH: National Institutes Of Health NONE-NSABP (NCE) (8/1/2017 - 12/31/2017)
8. **Creighton, C**: Mir a / Core 2 - Integrated Analysis Of The Lung Cancer Microenvironment Cancer Prevention & Research Institute Of Texas (CPRIT) RP120713-C2 Year 6 (Year 1: 8/31/2017 - 8/31/2018)
10. **Creighton, C**: Regulation Of Lung Cancer Metastasis By Zeb1 National Cancer Institute (NCI) R01-CA181184-04 (7/1/2014 - 6/30/2018)
38. **Lin, W**: NCE: BC133678 Targeting A Convergent Point Of Multiple Oncogenic Pathways In Breast Cancer, A New Paradigm For Targeted Therapy  Department Of Defense Congressionally Directed Medical Research Programs  W81XWH-14-1-0339 (9/30/2017 - 9/29/2018)


40. **Lin, W**: MPI-Novel Therapeutics For Targeting Checkpoint Dysfunction In Cancer  National Institutes Of Health (NIH)  R01-CA203824-02 (12/1/2016 - 11/30/2021)


42. **Lin, W**: BCM Oncology Scholars Training Program  The National Institutes Of Health  T32-CA174647-04 (8/1/2014 - 7/31/2019)

43. **Lulla, P**: T Cell Therapy For AML  American Society For Blood & Marrow TR (7/1/2016 - 6/30/2019)

44. **Lulla, P**: Safety And Efficacy Of Adoptively Transferred Multitaa Specific T Cells To Patients With Multiple Myeloma  American Society Of Hematology (7/1/2017 - 6/30/20120)

45. **Lulla, P**: Adoptively Transferred Multitaa-Specific T Cells As Treatment Or Prevention Of Aml Relapse Post-Allogeneic Stem Cell Transplant  Leukemia Texas, Inc. (7/1/2016 - 6/30/2018)

46. **Mamonkin, M**: Increasing Safety Of Cd5 Car For The Treatment Of T Cell Malignancies  American Society Of Hematology (7/1/2016 - 6/30/2019)

47. **Mitsiades, N**: Ubiquitination-Based Control Of Transcriptional Activity In Prostate Cancer  American Cancer Society  RSG-14-218-01-TBG (1/1/2015 - 12/31/2018)

48. **Mitsiades, N**: PC160445: A First-In-Field Approach To Target A Previously Undruggable Oncogene Family In Prostate Cancer  Department Of Defense Congressionally Directed Medical Research Programs  W81XWH-17-1-0298 (7/1/2017 - 6/30/2020)

49. **Mitsiades, N**: Developing Spop Inhibitors  Diana Helis Henry Medical Research Foundation  Cancer Program H-2017 (4/1/2017 - 3/31/2019)

50. **Mitsiades, N**: Regulation Of Uveal Melanoma Cell Fate By Mitf Via The PKC Pathway  National Cancer Institute (NCI)  R01-CA193321-03 (8/1/2015 - 7/31/2020)

51. **Mitsiades, N**: A Novel Therapeutic Target For Prostate Cancer  Sidney Kimmel Foundation For Cancer R  SKF-15-053 (7/1/2015 - 6/30/2018)

52. **Nangia, J**: Breast Cancer Research And Education Program  Astrazeneca (9/7/2017 - 9/6/2018)

53. **Nangia, J**: Nanostring Educational Grant  Nanostring Technologies  NanoString (8/1/2017 - 7/31/2018)

54. **Nangia, J**: Educational Retreat Pfizer, Inc  (9/1/2016 - 8/31/2018)


56. **Osborne, C K**: Baylor College Of Medicine Cancer Center  National Cancer Institute (NCI)  P30-CA125123-11 (7/1/2007 - 6/30/2020)
57. **Osborne, C K**: P30 Administrative Supplement For P30 Cancer Center Support Grants To Support Research In Canine Immunotherapy Via Collaboration Of Nci-Designated Cancer Centers And Veterinary Medical Colleges (Identifying Neo-Epitopes For Cd8+ T Cells In Dog Tumors) National Cancer Institute (NCI) P30-CA125123-10S4 (7/1/2017 - 12/31/2018)

58. **Osborne, C K**: RFA: NCI Moonshot Initiative: Administrative Supplements For The P30 Cancer Center Support Grant To Develop Tobacco Cessation Treatment Capacity And Infrastructure For Cancer Patients National Cancer Institute (NCI) P30-CA125123 (7/1/2017 - 6/30/2018)

59. **Osborne, C K**: 11S2 Underrepresented High School And Undergraduate Student Research Experiences (Cure) National Cancer Institute (NCI) P30-CA125123-11S2 (7/1/2017 - 6/30/2018)

60. **Osborne, C K**: 11S1 Administrative Supplement To Strengthen NCI-Supported Community Outreach Capacity Through Community Health Educators (CHES) Of The National Outreach Network (NON) National Cancer Institute (NCI) P30-CA125123-11S1 (7/1/2017 - 6/30/2018)

61. **Osborne, C K**: To Fund Year 11 Administrative Supplement Not Affiliated With The Experimental Therapeutic Clinical Trials Network (Etctn) To Support Participation In The Etctn Prior Year: 10 (Brain 23664-S37) National Cancer Institute (NCI) P30-CA125123 (7/1/2017 - 6/30/2018)

62. **Osborne, C K**: 11S3: Improving Diagnostic Accuracy And Supportive Care For Children With Burkitt Lymphoma: Laying A Foundation For Treatment Trials In Sub-Saharan Africa National Cancer Institute (NCI) P50-CA125123 (7/1/2017 - 6/30/2018)


64. **Osborne, C K**: Amendment 2 To The Ventana Collaborative Research Agreement Ventana Medical Systems, Inc (1/24/2018 - 6/30/2018)


66. **Rimawi, M**: Pink For Life- Expanding And Improving Breast Cancer Care And Prevention In Minority And Economically Disadvantaged Women Avon Foundation 05-2017-002 (7/1/2017 - 6/30/2018)


68. **Rimawi, M**: BC161327: A New Paradigm For De-Escalation Of Treatment In Her2 Positive Breast Cancer: Revolutionizing Care With More Effective And Less Toxic Therapy. Department Of Defense Congressionally Directed Medical Research Programs W81XWH-17-1-0579 (9/15/2017 - 9/14/2020)

69. **Rimawi, M**: Biological Samples For: A Phase II Randomized Study Evaluating The Biological And Clinical Effects Of The Combination Of Palbociclib With Letrozole As Neoadjuvant Therapy In Women With Estrogen Receptor-Positive Primary Breast Cancer” The “Fb-11 Study” Pfizer, Inc Service Agreement (10/20/2017 - 10/19/2019)


71. **Schiff, R**: 2017-2018: Mechanisms Of Resistance To HER2 And ER-Targeted Therapies And Novel Therapeutic Strategies Breast Cancer Research Foundation BCRF-17-143 (10/1/2017 - 9/30/2018)
73. Schiff, R: NIK As Attractive Drug Target For Intractable Breast Cancer” (5R01CA18136) National Institutes Of Health (NIH) R01-CA181368-04 (9/1/2014 - 8/31/2018)
74. Schiff, R: Evaluate The Therapeutic Efficacy Of Neratinib In Combination With Trastuzumab For HER2-Positive Breast Cancer Puma Biotechnology Inc SRA (1/1/2018 - 12/31/2019)
76. Schiff, R: Harvey Amendment BC133693P1: Targeting GPR110 In HER2-Overexpressing Breast Cancer United States Army Medical Research & Materiel Command (Department Of Defense) W81XWH-17-1-0580 (9/15/2017 - 9/14/2020) $692,420
79. Suzuki, M: Combining Ad Gene Therapy With Car Ad-Specific T-Cell Therapy For HNSCC Concern Foundation (7/1/2016 - 6/30/2018)
80. Suzuki, M: Amendment - Combinatorial Treatment With Armed Oncolytic Ad Gene Therapy And Car T-Cell Therapy For Squamous Cell Carcinoma Of The Head And Neck (HNSCC) Tessa Therapeutics Pte. Ltd. SRA Amendment 1 (1/1/2018 - 12/31/2018) $100,000
81. Vera Valdes, J: Engineered T Cell Therapy For Advanced Prostate Cancer American Cancer Society MRSG-14-19701-LIB (1/1/2015 - 12/31/2018)
82. Watanabe, N: Cook Regentec LLS SRA Cook Regentec Testing Agreement (9/21/2017 - 9/20/2018)

G. Cash Awards

2. Carrum, G: National Institutes Of Health (NIH) U10HL069294 Prospective Multi-Center Cohort For The Evaluation Of Biomarkers Predicting Risk Of Complications And Mortality Following Allogeneic HCT, BMT CTN 1202
3. Carrum, G: NIH: National Institutes Of Health U10CA180888 **Swog Purchase Service Agreement: Subaccount For Participation In Nci Nctn Clinical Trials** CTSU - H-39725 BMT CTN 1201 A051301 Alliance DLBC - A Randomized Double-Blind Phase Iii Study Of Ibrutinib During And Following Autologous Stem Cell Transplantation Versus Placebo In Patients With Relapsed Or Refractory Diffuse Large B-Cell Lymphoma Of The Activated B-Cell Subtype
4. Chamness, G: NIH: National Institutes Of Health NSABP B47 Sub Study
5. Heslop, H: Cell Medica, Ltd Citadel-A Phase 2 Open Label Study To Investigate The Efficacy Of Autologous Ebv-Specific T-Cells For The Treatment Of Patients With
6. **Heslop, H:** Cell Medica, Ltd  Prevale- Phase I Study Combining Nivolumab With Epstein Barr Virus Specific T Cells (Eb-Vsts) In Relapsed/Refractory Ebv Positive Lymphoma Patients

7. **Kamble, R:** National Institutes Of Health (NIH) 2U10HL069294 A Multi-Center Biologic Assignment Trial Comparing Reduced Intensity Allogeneic Hematopoietic Cell Transplant To Hypomethylating Therapy Or Best Supportive Care In Patients Aged 50-75 With Intermediate-2 And High Risk Myelodysplastic Syndrome, BMT CTN 1102

8. **Lulla, P:** National Institutes Of Health (NIH) U01HL128566-01 Year 3 Amendment - BMT CTN 1503: Hematopoietic Stem Cell Transplantation For Young Adults With Sickle Cell Disease

9. **Lulla, P:** Tessa Therapeutics Pte. Ltd.  A Multicentre, Randomized, Open-Label, Phase Iii Clinical Trial Of Gemicitabine And Carboplatin Followed By Epstein-Barr Virus-Specific Autologous Cytotoxic T Lymphocytes Versus Gemicitabine And Carboplatin As First Line Treatment For Advanced Nasopharyngeal Carcinoma Patients

10. **Mims, M:** Aveo Pharmaceuticals  A Phase 3, Randomized, Controlled, Multi-Center, Open-Label Study To Compare Tivozanib Hydrochloride To Sorafenib In Subjects With Refractory Advanced Renal Cell Carcinoma

11. **Mims, M:** Bristol-Myers Squibb 1 Ca204006: A Phase 3, Randomized, Open Label Trial Of Lenalidomide/Dexamethasone With Or Without Elotuzumab In Subjects With Previously Untreated Multiple Myeloma

12. **Mims, M:** Celgene Corporation  Cc-5013-Nhl-008: A Phase 3B Randomized Study Of Lenalidomide (CC-5013) Plus Rituximab Maintenance Therapy Followed By Lenalidomide Single-Agent Maintenance Versus Rituximab Maintenance In Subjects With Relapsed/Refractory Follicular, Marginal Zone Or Mantle Cell Lymphoma

13. **Mims, M:** Imclone Systems Incorporated  Cp02-0452: Randomized Phase Ii Study Of Docetaxel Or Pemetrexed With Or Without Cetuximab In Patients With Recurrent Or Progressive Non-Small Cell Lung Cancer After Platinum-Based Therapy

14. **Mims, M:** Novartis Pharmaceuticals Corp 1 Rad001N2301: A Randomized, Double-Blind, Placebo-Controlled, Multicenter Phase Ii Study Of Rad001 Adjuvant Therapy In Poor Risk Patients With Diffuse Large B-Cell Lymphoma (DLBCL) Of Rad001 Versus Matching Placebo After Patients Have Achieved Complete Response With First-Line Rituximab-Chemotherapy

15. **Mims, M:** Prostate Cancer Clinical Trials Consortium, Llc  Prostate Cancer Outcomes: An International Registry To Improve outcomes In Men With Advanced Prostate Cancer (Ironman)

16. **Musher, B:** Aduro Biotech, Inc.  A Phase 2, Open-Label Evaluation Of Crs-207 And Pembrolizumab In Adults With Recurrent Or Metastatic Gastric, Gastroesophageal Junction, Or Esophageal Adenocarcinomas

17. **Musher, B:** Boston Biomedical, Inc  Canstem111P: A Phase Ii Study Of Bbi-608 Plus Nab-Paclitaxel With Gemicitabine In Adult Patients With Metastatic Pancreatic Adenocarcinoma.

18. **Musher, B:** Celgene Corporation  Abi-007-Panc-003 A Phase 3, Multicenter, Open-Label,Randomized Study Of Nab®-Paclitaxel Plus Gemicitabine Versus Gemicitabine Alone As Adjuvant Therapy In Subjects With Surgically Resected Pancreatic Adenocarcinoma

19. **Musher, B:** Eli Lilly And Company  A Randomized, Double-Blind, Placebo-Controlled Phase 3 Study Of Capecitabine And Cisplatin With Or Without Ramucirumab As First-Line Therapy In Patients With Metastatic Gastric Or Gastroesophageal Junction Adenocarcinoma (Rainfall)
20. **Musher, B**: Halozyme Therapeutics A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Multicenter Study Of Pegylated Recombinant Human Hyaluronidase (Pegph20) In Combination With Nab-Paclitaxel Plus Gemcitabine Compared With Placebo Plus Nab-Paclitaxel And Gemcitabine In Subjects With Hyaluronan-High Stage Iv Previously Untreated Pancreatic Ductal Adenocarcinoma

21. **Musher, B**: Lokon Pharma Ab  Phase I/Iia Trial Evaluating Safety Of Load703 An Armed Oncolytic Adenovirus For Pancreatic Cancer

22. **Musher, B**: Merck Sharpe & Dohme Corp. A Phase III Study Of Pembroli-zumab (Mk-3475) Vs. Chemotherapy In Microsatellite Instability-High (Msi-H) Or Mismatch Repair Deficient (Dmmr) Stage Iv Colorectal Carcinoma (Keynote-177)

23. **Musher, B**: Newlink Genetics Corporation 1 Nlg-0505: A Phase III Study Of Folfirinox With Or Without Hyperacute-Pancreas (Algenpantucel-L) Immunotherapy In Subjects With Borderline Resectable Or Locally Advanced Unresectable Pancreatic Cancer


25. **Nangia, J**: Celldex Therapeutics, Inc. A Randomized Multicenter Pivotal Study Of Cdx-011 (Cr011-Vcmmae) In Patients With Metastatic, Gpnmb Over-Expressing, Triple-Negative Breast Cancer

26. **Nangia, J**: Paxman Coolers Limited Scalp Cooling For Alopecia Prevention (Scalp)


28. **Ramos, C**: Viracyte LLC A Phase I Study Using Most Closely Hla-Matched Adenovirus-Specific T-Lymphocytes For The Treatment Of Adenovirus Infections Post Allogeneic Stem Cell Transplant (Viralym-A)

29. **Rimawi, M**: Abbvie Inc H-42427: An Open Label Study Of Sc-005 In Subjects With Triple Negative Breast Cancer (Tnbc)

30. **Rimawi, M**: Amgen, Inc. “A Randomized, Double-Blind, Placebo-Controlled, Multi-Center Phase 3 Study Of Denosumab As Adjuvant Treatment For Women With Early-Stage Breast Cancer At High Risk Of Recurrence (D-Care).

31. **Rimawi, M**: Breast Cancer Research Foundation Tbcrc 026 Amendment 1: A Phase 2 Clinical Trial Assessing The Correlation Of Early Changes In Standardized Uptake Value (Suv) On Positron Emission Tomography (Pet) With Pathological Complete Response (Pcr) To Pertuzumab And Trastuzumab In Patients With Primary Operable Her2-Positive Breast Cancer

32. **Rimawi, M**: Cascadian Therapeutics, Inc. 1 H-40306: Phase 2 Randomized, Double-Blinded, Controlled Study Of Ont-380 Vs. Placebo In Combination With Capecitabine And Ont-380-206: Trastuzumab In Patients With Pretreated Unresectable Locally Advanced Or Metastatic Her2+ Breast Carcinoma

33. **Rimawi, M**: Dana Farber Cancer Institute Tbcrc030: A Randomized Phase II Study Of Preoperative Cisplatin Versus Paclitaxel In Patients With Triple Negative Breast Cancer Without Germline Brca Mutations: Evaluating The Homologous Recombination Deficiency (Hrd) Biomarker

34. **Rimawi, M**: Galena Biopharma, Inc. Present: Prevention Of Recurrence In Early-Stage, Node-Positive Breast Cancer With Low To Intermediate Her2 Expression With Neuvax™ Treatment

35. **Rimawi, M**: Genentech Foundation For Growth & Dev A Phase II, Double-Blind, Placebo-Controlled, Randomized Study Of Gdc-0941 Or Gdc-0980 With Fulvestrant Versus Fulvestrant In Advanced Or Metastatic Breast Cancer In Patients Resistant To
Aromatase Inhibitor Therapy

36. Rimawi, M: Genentech, Inc. Pertain / Protocol Number Mo27775 / Ro43-68451 Pertuzumab

37. Rimawi, M: Gilead Sciences, Inc. H-39960: Gsus3501937 A Phase 1B Study Followed By An Open Label, Parallel, Randomized Phase 2 Study Evaluating The Safety, Tolerability And Efficacy Of Gs-5829 In Combination With Exemestane Or Fulvestrant Comparing With Exemestane Or Fulvestrant Alone In Subjects With Advanced Estrogen Receptor Positive Her2- Breast Cancer

38. Rimawi, M: Glaxo/Smithkline A Phase II Trial Of Lapatinib And Trastuzumab With Or Without Endocrine Therapy In Locally Advanced Her2 Overexpressing Breast Cancer Patients

39. Rimawi, M: Glaxo/Smithkline Neoadjuvant Study Of Extended Lapatinib And Trastuzumab With Or Without Endocrine Therapy In Locally Advanced Her2-Overexpressing Breast Cancer Patients

40. Rimawi, M: Novartis Pharmaceuticals Corp “A Randomized Phase III, Double-Blind, Placebo-Controlled, Multicenter Trial Of Daily Everolimus In Combination With Trastuzumab And Vinorelbine In Pretreated Women With Her2/Neu Over-Expressing Locally Advanced Or Metastatic Breast Cancer.”

41. Rimawi, M: Novartis Pharmaceuticals Corp H 36350: Lee011: A Phase I/II Randomized, Double-Blind, Placebo-Controlled Study Of Lee011 Or Placebo In Combination With Tamoxifen And Goserelin Or A Non-Steroidal Aromatase Inhibitor (Nsai) / Cleo011E2301 (Monaleesa-7) And Goserelin For The Treatment Of Premenopausal Women With Hormone Receptor Positive, Her2-Negative, Advanced Breast Cancer

42. Rimawi, M: Pfizer, Inc Crizotinib And Sunitinib_ A Rationally Combined Targeted Therapy Strategy For Metastatic Triple Negative Breast Cancer

43. Rimawi, M: Pfizer, Inc Nsabp Fb-11: A Phase II Randomized Study Evaluating The Biological And Clinical Effects Of The Combination Of Palbociclib With Letrozole As Neoadjuvant Therapy In Post-Menopausal Women With Estrogen-Receptor Positive Primary Breast Cancer


46. Sada, Y: Merck & Co, Inc. Keynote-224: A Phase II Study Of Pembrolizumab (Mk-3475) As Monotherapy In Subjects With Previously Systemically Treated Advanced Hepatocellular Carcinoma

47. Smaglo, B: Mitra Biotech A Prospective, Multicenter, Observational Study Examining The Clinical Utility Of Canscripttm In Routine Clinical Practice


49. Zhang, J: Astrazeneca A Phase III, Randomized, Multicenter, Open-Label, Comparative Study To Determine The Efficacy Of Durvalumab Or Durvalumab And Tremelimumab In Combination With Platinum-Based Chemotherapy For The First-Line Treatment In Patients With Extensive Disease (Stage Iv) Small-Cell Lung Cancer (Sclc)
50. **Zhang, J**: Regeneron Pharmaceuticals, Inc 1 A First-In-Human Study Of Repeat Dosing With Regn2810, A Monoclonal, Fully Human Antibody To Programmed Death – 1 (Pd-1), As Single Therapy And In Combination With Other Anti-Cancer Therapies, In Patients With Advanced Malignancies
A. **Publications**

**Journal articles**

**Sandeep Agarwal**


**Joan Appleyard**

N/a

**David Corry**

of gd T cells in Cigarette Smoke and Influenza Infection. *Mucosal Immunol* 2017; 11(3):894-908 PMCID: PMC5930147


Sana Hasan
N/a

Onome Ifoze (Whiteru)
N/a
Grace Lo


**Rashmi Maganti**
N/a

**Donald Marcus**


**Frank Orson**
N/a

**Antony Rodriguez**

**Roger Rossen**

**Tiphanie Vogel**


2. Romberg N, **Vogel TP**, Canna SW. NLRC4 inflammasomopathies. **Current Opinion in Allergy and Clinical Immunology**(2017) 6:398.


**Li-yuan Yu-Lee**


*Books and book chapters*

Sandeep Agarwal
N/a

Joan Appleyard
N/a

David Corry

Sana Hasan
N/a

Onome Ifoeze (Whiteru)
N/a

Grace Lo
N/a

Rashmi Maganti
N/a
Donald Marcus
N/a

Frank Orson
N/a

Antony Rodriguez
N/a

Roger Rossen
N/a

Tiphanie Vogel
N/a

Li-yuan Yu-Lee
N/a

B. Awards and honors

Sandeep Agarwal
Cullen Trust for Healthcare Endowed Chair in Immunology (2018)

Joan Appleyard
N/a

David Corry
R. Clarence and Irene H. Fulbright Chair in Pathology (March, 2018)

Sana Hasan
N/a

Onome Ifoeze (Whiteru)
N/a

Grace Lo
N/A

Rashmi Maganti
C. Professional organization/association offices held

Sandeep Agarwal
American Association of Immunology – Member
American College of Rheumatology – Member
American Thoracic Society – Member

Joan Appleyard
American College of Rheumatology – Member
Spondylitis Research and Treatment Network (SPARTAN) – Member

David Corry
American Association of Allergy, Asthma, and Immunology – Member
American Clinical and Climatological Association – Member
American Society for Clinical Investigation – Member
Association of American Physicians – Member
Society for Mucosal Immunology – Member

Sana Hasan
Allergy, Asthma & Immunology Society
The Greater Houston Allergy, Asthma & Immunology Society

**Onome Ifoeze (Whiteru)**
- Alliance for Academic Internal Medicine – Member
- American College of Physicians – Member
- American College of Rheumatology – Member
- S.L.E. Lupus Foundation – Member

**Grace Lo**
- American College of Rheumatology – Member
- Osteoarthritis Research Society International – Member

**Rashmi Maganti**
- American College of Rheumatology – Member

**Donald Marcus**
- N/a

**Frank Orson**
- N/a

**Antony Rodriguez**
- Genetics Society - Member

**Roger Rossen**
- N/a

**Tiphanie Vogel**
- American Academy of Pediatrics—Member
- American College of Rheumatology—Member
- AMIGO Mentorship Program—Mentor and Mentee
- American Association of Immunologists--Member
- Childhood Arthritis and Rheumatology Research Alliance—Member
- Scientific Advisory Committee—Member
- Clinical Immunology Society—Member
- Federation of Clinical Immunology Societies—Member

**Li-yuan Yu-Lee**
- N/a

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**D. Editorial board memberships and editorial positions**

**Sandeep Agarwal**
- N/a
Joan Appleyard  
N/a

David Corry  
N/a

Sana Hasan  
N/a

Onome Ifoze (Whiteru)  
N/a

Grace Lo  
Osteoarthritis and Cartilage – Editorial board member

Rashmi Maganti  
N/a

Donald Marcus  
N/a

Frank Orson  
N/a

Antony Rodriguez  
N/a

Roger Rossen  
N/a

Tiphanie Vogel  
Frontiers in Immunology, Primary Immunodeficiencies – Editorial board member  
Frontiers in Pediatrics, Pediatric Immunology – Editorial board member

Li-yuan Yu-Lee  
N/a

E. Grants
Sandeep Agarwal

Grant Title: Cadherin-11 Regulation of Dermal Fibrosis and Macrophage Function
Funding Agency: NIH/NIAMS
Investigator Relationship: PI
Direct Cost for Overall Period: $1,702,524
Period: 2012 - 2018

Grant Title: Targeting STAT3 in systemic sclerosis and dermal fibrosis (Agarwal)
Funding Agency: Scleroderma Foundation, Established Investigator Award
Investigator Relationship: PI
Direct Cost for Overall Period: $150,000
Period: 2016 - 2018

Joan Appleyard
N/a

David Corry

Grant Title: Fungal Pathogenesis of Moderate to Severe Asthma
Funding Agency: NIH; AI135803
Investigator Relationship: PI (other PI: F. Kheradmand)
Direct Cost for Overall Period: $1,688,425
Period: 03/2018-12/23

Grant Title: Immunology Scientist Training Grant
Funding Agency: NIH/NIAID AI053831
Investigator relationship: PI
Direct costs for overall period: $1,941,558
Period: 2014-2019

Grant Title: Mechanism and function of Let-7, a novel modulator of Th17-dependent emphysema
Funding agency: NIH/NHLBI HL140398
Investigator relationship: PI (other PI: A. Rodriguez)
Direct costs for overall period: $1,250,000
Period: 2018-2023

Sana Hasan
N/a

Onome Ifoeze (Whiteru)
N/a
**Grace Lo**

*Grant Title:* Feasibility of a Novel Approach to Studying Early Knee Osteoarthritis: an Offspring Study R03 AR069323 (Lo)

*Funding Agency:* NIH/NIAMS

*Investigator Relationship:* PI

*Direct Cost for Overall Period:* $201,825

*Period:* 3/1/16 - 11/30/18

*Grant Title:* Modifiable Risk Factors for Incident and Progressive Early Knee Osteoarthritis 1K23AR062127-01 (Lo)

*Funding Agency:* NIH/NIAMS

*Investigator Relationship:* PI

*Direct Cost for Overall Period:* $612,500

*Period:* 4/1/2012 – 3/31/2018 (NCE)

**Rashmi Maganti**

N/a

**Donald Marcus**

N/a

**Frank Orson**

N/a

**Antony Rodriguez**

*Grant Title:* Role of let-7 microRNA in chronic obstructive pulmonary disease (Rodriguez)

*Funding Agency:* Gillson Longenbaugh Foundation Award

*Investigator Relationship:* PI

*Direct Cost for Overall Period:* $69,000

*Period:* 09/2018-12/2019

*Grant Title:* Mechanism and function of let-7, a novel modulator of Th17-dependent emphysema R01HL140398-01A1

*Funding Agency:* NIH (NHLBI)

*Investigator Relationship:* co-PI

*Direct Cost for Overall Period:* $1,250,000

*Period:* 09/2018-09/2023

Received 13% Score (15% cutoff), Provisionally Funded

**Roger Rossen**

N/a
Tiphanie Vogel

**Grant Title:** BRIDGE, Baylor Rheumatology Initiative: Developing and Guiding Engagement (Vogel)
**Funding Agency:** Rheumatology Research Foundation Medical Student Preceptorship
**Investigator Relationship:** PI/Mentor
**Direct Cost for Overall Period:** $1,000
**Period:** 07/2018-06/2019

**Grant Title:** BCM Clinical Site for an Undiagnosed Diseases Network (UDN)
1 U01 HG007709-01 (Brendan Lee)
**Funding Agency:** NIH
**Investigator Relationship:** Rheumatology Lead
**Direct Cost for Overall Period:** $2,257,050
**Period:** 07/2014-03/2018

**Grant Title:** A Targeted Approach to Cytokine Blockade in Juvenile Arthritis (Vogel)
**Funding Agency:** Thrasher Research Fund
**Investigator Relationship:** PI
**Direct Cost for Overall Period:** $25,000
**Period:** 07/2017-06/2019

**Grant Title:** Validating STAT3 as a Therapeutic Target in Arthritis (Vogel)
**Funding Agency:** Arthritis National Research Foundation Grant
**Investigator Relationship:** PI
**Direct Cost for Overall Period:** $100,000
**Period:** 06/2018-05/2019

---

Li-yuan Yu-Lee

**Grant Title:** Endothelial-to-osteoblast conversion in prostate cancer bone metastasis (Lin / Yu-Lee)
**Funding Agency:** NIH Multi-PI RO1; CA174798-06A1
**Investigator Relationship:** PI (other PI: Lin, S.)
**Direct Cost for Overall Period:** $1,125,000
**Period:** 12/01/2018-11/30/2023

**Grant Title:** Polo-like Kinase 1 as a Novel Molecular Target for the Treatment of Asthma (Yu-Lee)
**Funding Agency:** Biology of Inflammation Center
**Investigator Relationship:** PI
**Direct Cost for Overall Period:** $20,000
**Period:** 10/01/2013 - 07/30/2019

**Grant Title:** Regulation of Dormancy of Metastatic Prostate Cancer Cells by Bone Microenvironment (Lin)
**Funding Agency:** Cancer Prevention and Research Institute of Texas
**Investigator Relationship:** Co-investigator
Direct Cost for Overall Period: $900,000
Period: 03/01/2015 - 08/31/2018
Faculty

Abbas, Ume L. (MD)
Al Mohajer, Mayar (MD, MBA, CAQ, FACP)
Arya, Monisha (MD, MPH)
Atmar, Robert L. (MD)
Breaux, Kathrine (BS)
Chan, Galant (MD)
Chiao, Elizabeth Yu (MD, MPH)
Chou, Andrew (MD)
Dang, Bich (MD).
Darouiche, Rabih (MD)*
DiNardo, Andrew (MD)*
El Sahly, Hana (MD)*
Flash, Charlene (MD)
Giordano, Thomas P. (MD, MPH)
Hamill, Richard J. (MD)
Hemmige, Vagish (MD)
Jaffe, Penny A (MD)
Keitel, Wendy (MD)*
Kutemi, Oyebunmi
Mejia, Rojelio (MD)*
Mendoza, Daniel (MD, PhD)
Mindru, Cezarina (MD)
Musher, Daniel M. (MD)
Parkerson, George R. (MD, MPH)
Patel, Shital (MD)
Rodriguez–Barradas, Maria C. (MD)
Rose, Stacey R. (MD)
Serpa, Jose A. (MD, MS)
Tabasi–Tavakoli, Shahriar (MD)
Trautner, Barbara (MD, PhD)
Woc-Colburn, Laila E. (MD, DTM&H)
Weatherhead, Jill (MD, MS, DTM&H, FAAP)*
Young, Edward J. (MD)

*secondary appointments
Contents

A. Publications ................................................................. 4
B. Grants ................................................................. 12


74. Diemert D, Campbell D, Brelsford J, Leasure C, Li G, Peng J, Zumer M, Younes N, Bottazzi ME, Mejia


94. Open Forum Infect Dis. 2018 Jan 12;5(1)


Grants

Al Mohaher: Vernon & Virginia Furrow Award was granted by the Academy of Medical Education Scholars (AMES)
Technical title of project: Improving the Knowledge and Attitudes of Medical Students and Physicians Regarding Appropriate Use of Antibiotic for Respiratory Infections Through Online CME Modules
Al Mohaher: University of Arizona Medical Center-University Campus Medical Staff.
Technical title of project: Improving the Knowledge of Students and Physicians Regarding Appropriate Empiric Antibiotic Use
Arya (PI): Designing a HIV Testing Campaign for Health Centers Serving African-Americans
Source: National Institute of Mental Health, NIH, K23 Career Development Award. Dates of funding: 04/01/2012-03/31/2017
Atmar: Molecular Dissection of Norovirus Replication and Pathogenesis to Develop Therapeutic.
Atmar: Evaluation of Control Measures Against Diseases Other than AIDS. NIH/NIAID:
HHSN272201300015I (PI: H El Sahly), 09/16/2013-09/15/2023, Role: Investigator, PI on clinical protocols
Atmar: Research Training in Infections and Immunity. NIH/NIAID: T32 AI055413 (PI: RL Atmar),
6/1/2014 – 5/31/2019, Role: Principal Investigator
Chiao: 1R01 CA206476-02 (PI – Chiao) NIH
(PQ3) Identifying Novel Pharmacologic Risk factors for Common Non-AIDS Defining Cancers in Individuals with Well-controlled HIV Infection
The goal of this project is to evaluate whether specific classes of medications increase or decrease the risk for common NADCs in a cohort of well-treated/well-controlled patients with HIV infection. Role: Principal Investigator
Chiao: NIH U24MH100930-01 (Gelman)NIH/NIMH/NINDS. Texas Repository for AIDS
Neuropathogenesis research. The goal of this project is to acquire, store and conduct research on the neurological and mental health outcomes of HIV-infected individuals. Role: Co-Investigator
Chiao: NIH UM1CA181255 (Ittman) NCI. AIDS Cancer Specimen Registry (ACSR) The goal of this project is to acquire, store and equitably distribute tumor tissues and biological fluids from patients with HIV-associated malignancies. Role: Co-Investigator
Chiao: NIH 2U01CA121947-04 (PI – Mitsuyasu) NIH. AIDS Malignancy Consortium
The goal of this project is to conduct clinical trials among individuals with HIV-associated malignancies. Role: Co-Investigator
Chiao: CFAR mentored CINHR (PI – Thrift) NIH. Risk and Predictors of Esophageal and Esophagogastric Junction Adenocarcinomas in HIV-Infected Individuals. The goal of this study is to examine risk of and mortality from esophageal (EAC) and esophagogastric junction (EGJAC)
adenocarcinoma in HIV infection, and to identify predictors of these cancers in HIV-infected individuals. Role: Mentor

**Chiao:** CA215403-01 (PI – Nyitray) NIH Annual anal sampling using DNA screening to identify men who have sex with men (MSM) at increased risk for anal cancer. The goal of this study is to determine MSM at increased risk for anal cancer by conducting annual anal screening tests using novel DNA testing techniques. Role: Co-Investigator

Dang: Patient satisfaction, retention in HIV care, and adherence to antiretroviral therapy K23 MH100965-01A1. $901,800.00 (07/01/2014 – present)

Grant funding from the National Institute of Health. This study will enroll 400 patients and follow them to see if patients with better care experiences are more likely to stay in HIV care and take their HIV medicines.


**DiNardo:** Helminth Induced Alterations in BCG Immunity: 201602018: Evaluation of Helminth alterations in BCG vaccine immunity in Nigeria. In this PEPFAR funded study, Dr. DiNardo’s role is to evaluate the epigenetic and immune effect of simultaneous versus delayed de-worming before BCG revaccination among a helminth-infected population.

**El Sahly:** Vaccine and Treatment Evaluation Units, Contract: National Institutes of Health, contract # HHHS272201300015I, Role: Principal Investigator, Effort: 0.6 calendar months, Dates: 09/16/2013-09/18/2023

**Giordano:** A Multi-level Intervention to Improve Cancer Care for Hepatocellular Carcinoma. Source: VA Health Services Research and Development. Role: Co-investigator (Davila, BCM). Dates of Funding: 10/1/15 – 6/30/19. Direct cost: $1,997,000 total over 4 years. VA Merit Award Grant - IIR 14-101

**Giordano:** Identifying novel pharmacologic risk factors for common non-AIDS defining cancers in individuals with well-controlled HIV infection. Source: National Institutes of Health Role: Co-investigator (Chiao, BCM). Dates of Funding: 07/2016-03/2021. Direct cost: $1,968,930 total over 5 years. Grant - 1R01 CA206476-01

**Giordano:** PREVENT HCC – Through Screening, Vaccination and Treatment of Viral Hepatitis Source: Cancer Prevention and Research Institute of Texas (CPRIT). Role: Co-investigator (El-Serag and Thrift, BCM). Dates of Funding: 01/2016-08/2019. Direct cost: $1,492,052 total over 3 years. Grant – PP160089


**Giordano:** Brief Personalized Feedback Intervention for Hazardous Drinking in an HIV Clinic Source: National Institute on Alcohol Abuse and Alcoholism, NIH. Role: Principal investigator of sub-contract (Neighbors, University of Houston). Dates of Funding: 02/2017-01/2020. Direct cost: $95,654 over 3 years. Grant - 1R34 AA023739-01A1

**Mejia:** Sponsor: NIH NIAD U01. Term: 7/1/2017 – 6/30/2020. PI: Bethony Co-I: Mejia. Title: Controlled Infection Trial to Test Efficacy of Hookworm Vaccine with Different
TLR Agonists. Using qPCR to identify those infected with hookworm pre and post vaccination.


**Mejia:** Sponsor: Romark Laboratories, LC. Term: 06/01/2018 – 06/01/2019. PI: Mejia Title: Impact of nitazoxanide on Cryptosporidium burden in HIV-infected patients. Using qPCR to determine impact nitazoxanide has on burden of infection with cryptosporidiosis in HIV-infected patients.

**Mejia:** Sponsor: NIH Center of Excellence Award. Term: 01/01/2018 – 12/31/2018. PI: Mejia Title: Using Modern Molecular Assays to Determine the Impact of Intestinal Parasites on Different Populations. Using qPCR to associate qPCR of parasites for growth delays in children. Mendoza: Bridge to Independence Funding. Baylor College of Medicine.

**Mindru:** Grant: VA INTREPID. Funding Source: VA Cooperative Study. Grant Title CSP2001 trial Investigation of Rifampin to Reduce Pedal Amputations for Osteomyelitis in Diabetics. Description of project: to assess if addition of rifampin to standard treatment of foot osteomyelitis results in decreased risk of foot amputations. Role: Co-Investigator

**Patel:** NIH/NIAID VRC 705; 2016-2020. A Phase 2/2b, Randomized Trial To Evaluate The Safety, Immunogenicity and Efficacy of A Zika Virus DNA Vaccine in Healthy Adults and Adolescents.

**Patel:** HRSA Grant - Ryan White Part F - AETC; 2015-2020. Role: Clinical Director of Houston Site AETC – Thomas Street Health Center- Harris Health Center. The AIDS Education and Training Centers (AETC) Program of the Ryan White HIV/AIDS Program supports a network of eight regional centers (and more than 130 local affiliated sites) and three national centers that conduct targeted, multidisciplinary education and training programs for health care providers treating people living with HIV.

**Patel:** CDC APHIR-0006. Munoz (PI). 2014-2019. Role: Co-PI (PI of Harris Health component). Pandemic influenza Inpatient Study. This study will report to CDC in real time clinical data in hospitalized pediatric and adult cases of influenza during a pandemic, and evaluate vaccine and antiviral therapies effectiveness.

**Patel:** CDC APHIR-0006. Munoz (PI). 2015-2019. Role: Co-PI (PI of Harris Health component). Pandemic influenza Pregnant Women Study. This study will report to CDC in real time clinical data in hospitalized cases of influenza in pregnant women during a pandemic, and evaluate vaccine and antiviral therapies.


a. Observation Study: Veterans Aging Cohort Study: Survey and electronic cohort.
b. Integrated stepped care for unhealthy alcohol use in HIV.
c. Intervention Study: Financial Incentives, Randomization with Stepped Treatment (FIRST) trial (an alcohol treatment study).
d. Intervention Study: Medications, Alcohol, Substance use in HIV (MASH) study (a medication reconciliation/polypharmacy study).


Trautner: VA Health Services Research & Development IIR (PI Trautner) 10/1/17-9/30/20
Improving Antibiotic Stewardship for Asymptomatic Bacteriuria VA HSR&D HX002171-01A1
This project will disseminate the successful Kicking CAUTI intervention to four geographically distinct VA hospitals. Role: PI

Trautner: VA HSR&D Career Development Award (PI Skelton) 10/1/17-9/30/22
Optimizing bacteriuria management in Veterans with spinal cord injury. VA HSR&D HBCU RX002633-01. This career development award supports Dr. Skelton’s development as an independent clinician-investigator who studies delivery of optimal care to persons with spinal cord injury. Role: PI

Trautner: AHA Mentored Clinical & Population Research (PI Horstman) 1/2017 – 12/2018
Optimizing Patient-Initiated Post-Discharge Care for Patients with Heart Failure. Mentored career development award using mixed methods research to identify patient-initiated communications strategies for reducing readmissions following CHF discharge. Role: Co-Mentor

Trautner: NIAID R21/R33 5R21AI121545-02 (PI Ramig) 12/1/15—11/30/18. Bacteriophage to prevent UTI caused by multidrug-resistant *P. aeruginosa* This project will develop phage preparations as a means to address MDR *P. aeruginosa* in the urinary tract. Role: Co-investigator

Trautner: VA IIR 12-395-3 (PI Krein) 10/1/14-3/31/18 VA HSR&D Investigator Initiated Research/Merit Review Identifying and Reducing Catheter-related Complications. This project explores the infectious and non-infectious complications of urinary catheters and centrally inserted peripheral catheters. Role: Site PI for Houston

Young: Optimal Treatment for Recurrent *Clostridium difficile* Infection, VA Coop Study #596 (Local PI) 2015-present
The academic year 2018 has been an exciting one for the Section of Nephrology. Our world-class faculty have made outstanding contributions in research and scholarship, education, and clinical care. They have participated in numerous national and international activities and organizations. And our outpatient practice has moved to our brand-new state-of-the-art facility at the McNair Campus on 7200 Cambridge.

This report lists some of the more tangible products delivered and awards and recognitions received during the 12-month period ending in June 2018. In addition, we have continued to provide top quality specialized kidney health care to our patients at our clinical sites within the Texas Medical Center and beyond. Our faculty group practice continues to excel in patient satisfaction and productivity.

Please enjoy and thank you for your interest.

Wolfgang C. Winkelmayer, MD, MPH, ScD
Chief, Section of Nephrology
Gordon A. Cain Chair in Nephrology
Publications
Journal Articles


Dong J, Dong Y, Chen Z, Mitch WE, Zhang L. In CKD, the pathway to muscle fibrosis depends on myostatin stimulating the differentiation of fibro/adipogenic progenitor cells. Kidney Int 91:119-128, 2017. PMID: 27653838. PMCID: PMC5179308

Eckardt KU, Bansal N, Coresh J, Evans M, Grams ME, Herzog CA, James MT, Lambers Heerspink HJ,


Guan C, Li Q, Song X, Xu W, Li L, Xu A. Antroquinonol Exerts Immunosuppressive Effect on CD8+ T Cell Proliferation and Activation to Resist Depigmentation Induced by H2O2. Oxid Med Cell Longev 2017;2017:9303054.

Ku E, An C, Kang L, Mitch WE, Wang Y. Recent Advances in Magnetic Resonance Imaging Assessment


Navaneethan SD, Virani SS. Omega-3 Fatty Acids (Fish Oil) Supplementation and Albuminuria: Not a Slam Dunk. *J Am Heart Assoc* 2017; Jul 14;6(7).


Publications
Books and book chapters


Awards and Honors

Section FGP Faculty and Staff: “That’s The Way 10k Award” Nephrology section award for most improvement in patient satisfaction (July 2017 to June 2018)

Section FGP Faculty and Staff: Highest Ranking in Patient Experience - All-Star Winner for FY18 Quarter 3

Adrogue: Senior Faculty Teaching Award, Section of Nephrology, Baylor College of Medicine, June 2018

Murthy: “Unsung Hero” Fellowship Award, Section of Nephrology, Baylor College of Medicine, June 2018

Perez: Invited Delegate, KDIGO Controversies Conference on Dialysis Initiation, Madrid, Spain, January 2018

Raghavan: PEEPSS - Inaugural member, Team Leader, BCM Center for Professionalism (February to September 2018)

Saridey: Norton Rose Fulbright Faculty Excellence Award for Teaching and Evaluation, Baylor College of Medicine, May 2018

Saridey: Star Award for Excellence in Patient Care, Baylor College of Medicine, May 2018

Thomas: Best Research Poster Award, American College of Cardiology, 2018.

Yan: Junior Faculty Teaching Award, Section of Nephrology, Baylor College of Medicine, June 2018.
Professional Organization/Association Offices Held

**Erickson**: Member, Quality, Patient Safety, and Clinical Practice Committee, American Society of Nephrology, Washington, D.C.

**Erickson**: Member, PTAC Joint Working Group, American Society of Nephrology, Washington, D.C.

**Winkelmayer**: Member, Quality, Patient Safety, and Clinical Practice Committee, American Society of Nephrology, Washington, D.C.

**Winkelmayer**: Co-Chair, Kidney Disease: Improving Global Outcomes (KDIGO), Brussels, Belgium.

**Winkelmayer**: Member, Advisory Board, Chronic Kidney Disease Surveillance System, Center for Disease Control, Atlanta, GA.

**Winkelmayer**: Member, External Expert Panel, United States Renal Data System, National Institutes of Diabetes and Digestive and Kidney Diseases, Bethesda, MD.

**Zhang**: American Diabetes Association: Member, Research Grant Review Committee, Arlington, VA.
Editorial Board Memberships and Editorial Positions

**Erickson:** Editorial Board, *American Journal of Kidney Diseases*
**Erickson:** Public Policy Forum Steering Committee, *American Journal of Kidney Diseases*
**Erickson:** Guest Editor, Special Issue on Health Policy, *Seminars in Dialysis*

**Mitch:** Editorial Board, *Kidney International*
**Mitch:** International Advisory Board, *Clinical and Experimental Nephrology*

**Navaneethan:** Associate Editor, *American Journal of Kidney Diseases*
**Navaneethan:** Associate Editor, *NephSAP (Nephrology - Self Assessment Program)*
**Navaneethan:** Associate Editor, *CardioRenal Medicine*
**Navaneethan:** Editorial Board, *Clinical Journal of American Society of Nephrology*

**Navaneethan:** Editorial Board, *American Journal of Nephrology*
**Pan:** Editorial Board, *American Journal of Physiology-Renal Physiology*
**Sheikh-Hamad:** Editorial Board, *American Journal of Physiology-Renal Physiology*

**Wang:** Editorial Board, *Scientific Reports*
**Wang:** Editorial Board, *Journal of Nephrology and Therapeutics*
**Wang:** Editorial Board, *Science Postprint*
**Wang:** Editorial Board, *International Journal of Transplantation Research and Medicine*
**Wang:** Editorial Board, *Journal of Nephrology Research*

**Winkelmayer:** Associate Editor, *Journal of the American Medical Association*
**Winkelmayer:** Editorial Board, *American Journal of Kidney Diseases*
**Winkelmayer:** Public Policy Forum Steering Committee, *American Journal of Kidney Diseases*
**Winkelmayer:** Editorial Board, *American Journal of Nephrology*
**Winkelmayer:** Editorial Board, *Clinical Journal of American Society of Nephrology*
**Winkelmayer:** Editorial Board, *Seminars in Dialysis*
**Winkelmayer:** Guest Editor, Special Issue on Health Policy, *Seminars in Dialysis*
**Winkelmayer:** Editorial Board, *Clinical Journal of American Society of Nephrology*

**Zhang:** Editorial Board, *Austin Diabetes Research*
**Zhang:** Editorial Board, *Journal of Nephrology & Therapeutics*
Grants


Erickson (PI): Junior Faculty Seed Funding Award; Baylor College of Medicine; 6/15/2018-6/30-2019.


Pan (PI): Stanniocalcin-1, Kidney Protection by AMPK. VA/CDA, IK2 BX002912; 1/1/2017-12/31/2021.


Winkelmayer (Co-I and Site-PI): Establishing Core Outcomes in Haemodialysis. NHMRC (National Health and Medical Research Council of Australia); APP1098815; 1/1/2016-12/31/2018.

Pulmonary, Critical Care and Sleep Medicine
Section Summary Report
July 2018

Rolando E. Rumbaut, MD, PhD
Interim Section Chief, Pulmonary, Critical Care and Sleep Medicine
Professor of Medicine and Pediatrics
Baylor College of Medicine &
Deputy Associate Chief of Staff for Research
Director, Center for Translational Research on Inflammatory Diseases (CTRID)
Michael E. DeBakey VA Medical Center
Outline:

1. Overview
2. Faculty
3. Clinical Services:
   - Ben Taub General Hospital (BTGH)
   - Michael E. DeBakey VA Medical Center (MEDVAMC)
   - Baylor Faculty Group Practice
   - Baylor St. Luke’s Medical Center (BSLMC)
   - Pavilion for Women (PFW)
4. Education
5. Research
6. Publications
7. 2017-2018 Fellowship Graduates
1. Overview

The Pulmonary, Critical Care, and Sleep Medicine Section in the Department of Medicine oversees the clinical, education, and research activities in these three related disciplines at Baylor College of Medicine and its affiliated hospitals. Its 44 full-time faculty members direct these activities at Ben Taub Hospital/Harris County Hospital District, the Michael E. DeBakey VA Medical Center (MEDVAMC), the Baylor Faculty Group Practice, Baylor St. Luke’s Medical Center (BSLMC), and the Pavilion for Women (PFW) at Texas Children’s Hospital.

2. Faculty

(link to faculty website)
https://www.bcm.edu/departments/medicine/sections-divisions-centers/pulmonary-critical-care-sleep-medicine/faculty

<table>
<thead>
<tr>
<th>NON-CLINICIAN RESEARCH FACULTY</th>
<th>Rank</th>
<th>Primary research area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aladin Boriek PhD</td>
<td>Professor</td>
<td>Mechanical signal transduction</td>
</tr>
<tr>
<td>Mustafa Atik MD</td>
<td>Instructor</td>
<td>Airway diseases</td>
</tr>
<tr>
<td>Monica Jeongsoo Hong PhD</td>
<td>Instructor</td>
<td>Lung immunity</td>
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<tr>
<th>CLINICIAN FACULTY</th>
<th>Primary track/area of activity</th>
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<td>(Listed based on primary site of practice)</td>
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<table>
<thead>
<tr>
<th>Name</th>
<th>Rank</th>
<th>Ben Taub General Hospital</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kalpalatha Guntupalli MD</td>
<td>Professor and Service Chief at Ben Taub</td>
<td>Pulmonary, Critical Care Sleep</td>
</tr>
<tr>
<td>Philip Alapat MD</td>
<td>Assistant Professor</td>
<td>Pulmonary, Critical Care Sleep</td>
</tr>
<tr>
<td>Nicola Hanania MD</td>
<td>Associate Professor</td>
<td>Pulmonary, Critical Care Asthma/COPD</td>
</tr>
<tr>
<td>Elizabeth Guy MD</td>
<td>Assistant Professor</td>
<td>Pulmonary, Critical Care Sleep and Tuberculosis</td>
</tr>
<tr>
<td>Resmi George NP</td>
<td>Clinical instructor</td>
<td>Pulmonary</td>
</tr>
<tr>
<td>(Nurse Practitioner)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dharani Narendra MD</td>
<td>Assistant Professor</td>
<td>Pulmonary, Critical Care and</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>Department</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------------------------------------------------------------------------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td>Purvesh Patel MD</td>
<td>Assistant Professor</td>
<td>Pulmonary, Critical Care Ultrasound/ECHO ILD</td>
</tr>
<tr>
<td>Pralay Sarkar MD</td>
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<td>Pulmonary, Critical Care Ultrasound/ECHO</td>
</tr>
<tr>
<td>Venkata Bandi MD</td>
<td>Professor and Service Chief</td>
<td>Pulmonary, Critical Care Sleep and Interventional</td>
</tr>
<tr>
<td>Charlie Lan MD</td>
<td>Associate Professor Associate Chief of Medical Care Line, MEDVAMC</td>
<td>Pulmonary, Critical Care Sleep</td>
</tr>
<tr>
<td>Ray Lazarus MD</td>
<td>Assistant Professor</td>
<td>Pulmonary, Critical Care Interventional, Director of Interventional Pulmonary</td>
</tr>
<tr>
<td>Steve Bujarski MD</td>
<td>Assistant Professor</td>
<td>Pulmonary, Critical Care</td>
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<tr>
<td>Farrah Kheradmand MD</td>
<td>Professor</td>
<td>Pulmonary, Critical Care COPD and Lung Cancer research</td>
</tr>
<tr>
<td>Lavannya Pandit MD</td>
<td>Assistant Professor</td>
<td>Pulmonary, Critical Care Pulmonary Hypertension</td>
</tr>
<tr>
<td>Rolando Rumbaut MD PhD</td>
<td>Professor Director, Center for Translational Research on Inflammatory Diseases &amp; Deputy Associate Chief of Staff for Research, MEDVAMC</td>
<td>Pulmonary, Critical Care Microvascular research</td>
</tr>
<tr>
<td>Amir Sharafkhaneh MD PhD</td>
<td>Professor</td>
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<tr>
<td>Supriya Singh MD</td>
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<tr>
<td>Kanta Velamuri MD</td>
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<td>Pulmonary, Critical Care Sleep</td>
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<tr>
<td>Uma Ayyala MD</td>
<td>Assistant Professor Associate Chief of Staff for Education, MEDVAMC</td>
<td>Pulmonary, Critical Care</td>
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<tr>
<td>Shahram Moghtader MD</td>
<td>BCM faculty title in process</td>
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<tr>
<td>Ritwik Agrawal MD</td>
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<tr>
<td><strong>Fidaa Shaib MD</strong></td>
<td>Associate Professor</td>
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<tr>
<td></td>
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<td></td>
</tr>
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<tr>
<td></td>
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</tr>
<tr>
<td><strong>Prasad Manian MD</strong></td>
<td>Professor, Associate Section</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chief for Clinical Affairs,</td>
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<tr>
<td></td>
<td>Director of the Department</td>
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<tr>
<td></td>
<td>of Medicine FGP</td>
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<tr>
<td><strong>Ali Jiwani MD</strong></td>
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<tr>
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<td>Pulmonary, Critical Care</td>
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<tr>
<td><strong>Gloria Li MD</strong> (<em>also Lung Transplant</em>)</td>
<td>Assistant Professor</td>
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<tr>
<td><strong>Jigna Zatakia DO</strong> (*also BSLMC MICU)</td>
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<tr>
<td></td>
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<tr>
<td><strong>Dipa Modi MD</strong> (<em>also BSLMC MICU)</em>*</td>
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<tr>
<td><strong>Thomas Monaco MD</strong> (<em>as of Sept 2018, also BSLMC MICU)</em>*</td>
<td>Assistant Professor</td>
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<tr>
<td><strong>N. Tony Eissa MD</strong> (<em>anticipated future part-time FGP practice)</em>*</td>
<td>Professor, Associate Section</td>
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<tr>
<td></td>
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<tr>
<td><strong>Annise Wilson, MD</strong> (<em>as start August 2018)</em>*</td>
<td>Assistant Professor of Neurology, 2yr</td>
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<tr>
<td></td>
<td>appointment in Medicine</td>
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<td></td>
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<tr>
<td><strong>Cystic Fibrosis</strong></td>
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<tr>
<td><strong>Tara Barto MD</strong></td>
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<tr>
<td></td>
<td>Interim Director of Cystic</td>
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<tr>
<td><strong>Lung Transplant</strong></td>
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<tr>
<td><strong>Amit Parulekar MD</strong></td>
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<td></td>
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<td></td>
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<tr>
<td></td>
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<tr>
<td><strong>Goutham Dronavalli MD</strong></td>
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<tr>
<td></td>
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<tr>
<td><strong>Christina Kao MD</strong></td>
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<tr>
<td></td>
<td>Pulmonary, Critical Care</td>
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<td><strong>Baylor St. Luke’s Medical Center MICU</strong></td>
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<tr>
<td><strong>James Herlihy MD</strong></td>
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<tr>
<td></td>
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<tr>
<td></td>
<td>line, BSLMC</td>
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<tr>
<td><strong>Muhammad Asim Siddique MD</strong></td>
<td>Assistant Professor</td>
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<tr>
<td></td>
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<tr>
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<tr>
<td>Jairo Barrantes – Perez MD</td>
<td>Assistant Professor</td>
<td>Pulmonary, Critical Care Sleep</td>
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<tr>
<td>Christopher Howard MD</td>
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<tr>
<td>Christopher Morgan MD</td>
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<td>Pulmonary, Critical Care</td>
</tr>
<tr>
<td>DeReddi Reddy MD</td>
<td>Assistant Professor</td>
<td>Internal Medicine, Critical Care</td>
</tr>
<tr>
<td>Babith Mankidy MD</td>
<td>Assistant Professor ICU</td>
<td>Pulmonary, Critical Care, Sleep, Transplant</td>
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<tr>
<td>Andrea Braun MD</td>
<td>Assistant Professor ICU</td>
<td>Internal Medicine, Nephrology, Critical Care</td>
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<tr>
<td>Ali Omranian MD</td>
<td>Assistant Professor</td>
<td>Internal Medicine, Critical Care</td>
</tr>
<tr>
<td>Pavilion for Women</td>
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<tr>
<td>David Muigai MD</td>
<td>Assistant Professor</td>
<td>Internal Medicine, Critical Care; Medical Director of Critical Care Service</td>
</tr>
</tbody>
</table>

## 3. Clinical Services

### 3a Ben Taub General Hospital:

**Services Provided:**
- Pulmonary
- Critical Care
- Sleep
- Critical Care ECHO/Ultrasound service
- Interventional Pulmonary services
- Procedures Service to the Internal Medicine service
- Tuberculosis care to the region
- Ambulatory care

### 3b Michael E DeBakey VA Medical Center:

**Services provided:**
- Pulmonary Consultations
- Critical Care
- Sleep
- Interventional Pulmonary services
- Pulmonary Hypertension
Home Oxygen Program
Step Down Unit

3c Baylor Faculty Group Practice and Baylor St. Luke’s Medical Center Pulmonary & Sleep Services

Inpatient and outpatient General Pulmonary
Cystic fibrosis
Interventional pulmonary services
Lung transplantation
Sleep medicine
Interstitial lung disease
Pulmonary hypertension (service in development)

3d St. Luke’s Medical Center Critical Care Services

Medical Intensive Care Unit
Mobile intensive Care Unit
Coronary Care Unit
Cardiovascular Intensive Care Unit

3e Pavilion for Women

Obstetrics/Critical Care Unit
Pulmonary Consultation

4. Education

4a Pulmonary and Critical Care Fellowship (3-year combined program): ACGME approved
Program Director: Amit Parulekar, MD
Associate Program Directors: Uma Ayyala MD, Stephen Bujarski MD, Christina Kao MD, Pralay Sarkar MD

Current fellows (2018-2019)

<table>
<thead>
<tr>
<th>Name</th>
<th>Medical School</th>
<th>Residency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sara Assaf, MD</td>
<td>American University of Beirut</td>
<td>Saint Louis University</td>
</tr>
<tr>
<td></td>
<td>Faculty of Medicine</td>
<td></td>
</tr>
<tr>
<td>Ali Cheema, MD</td>
<td>University of Oklahoma</td>
<td>Baylor College of Medicine</td>
</tr>
<tr>
<td>Name</td>
<td>Medical School</td>
<td>Residency</td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>Jose Cuevas, MD</td>
<td>Unverisdad Autonoma, Mexico</td>
<td>Texas Tech Health Science Center</td>
</tr>
<tr>
<td>Sunjay Devarajan, MD</td>
<td>Texas A&amp;M Health Science Center College of Medicine</td>
<td>Georgetown University Hospital</td>
</tr>
<tr>
<td>Adriel Fajilan, MD</td>
<td>Loma Linda University School of Medicine</td>
<td>Harbor UCLA Medical Center</td>
</tr>
<tr>
<td>Amy Heibel, MD</td>
<td>Texas A&amp;M Health Science Center</td>
<td>Ochsner Clinic Foundation</td>
</tr>
<tr>
<td>Megan Hughes, MD</td>
<td>University of Texas School of Medicine at San Antonio</td>
<td>LSU Health Science Center Shreveport</td>
</tr>
<tr>
<td>Katie Jeans, MD</td>
<td>Louisiana State University School of Medicine in New Orleans</td>
<td>Baylor College of Medicine</td>
</tr>
<tr>
<td>Gilboa Lombardi, MD</td>
<td>Technischen Universität München Fakultät für Medizin</td>
<td>Vanderbilt University</td>
</tr>
<tr>
<td>Ninad Maniar, MD</td>
<td>Seth G.S. Medical College</td>
<td>University of Louisville</td>
</tr>
<tr>
<td>Robbie Maxson, MD</td>
<td>Eastern Virginia Medical School</td>
<td>Temple University Hospital</td>
</tr>
<tr>
<td>Katie Moeller, DO</td>
<td>Lake Erie College of Osteopathic Medicine</td>
<td>Drexel University of College of Medicine</td>
</tr>
<tr>
<td>Todd Schlossman, MD</td>
<td>American University of the Caribbean</td>
<td>West Virginia University</td>
</tr>
<tr>
<td>Justin Segraves, MD</td>
<td>New York Medical College</td>
<td>Mayo Clinic</td>
</tr>
<tr>
<td>Omar Shweish MD</td>
<td>Istanbul University</td>
<td>St. Elizabeth’s Medical Center</td>
</tr>
</tbody>
</table>

4b  **Critical Care Fellowship (1-2 years):** ACGME approved  
Program Director: Kalpalatha Guntupalli MD  
Associate Program Directors: Raja Reddy, MD, Andrea Braun, MD

**Current fellows (2018-2019)**
Simran Matta, MD  
Maharashtra Inst. of Medical Education & Research (MIMER)  
University of Nevada

Sri Kartik Valluri, MD  
Bhaskar Medical College  
University of Miami

4c  **Sleep Fellowship:** ACGME approved  
Program Director: Phil Alapat MD  
Associate Program Director: Supriya Singh, MD

<table>
<thead>
<tr>
<th>Name</th>
<th>Medical School</th>
<th>Residency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Myrtle Jeroudi MD</td>
<td>UT Southwestern</td>
<td>UT Southwestern</td>
</tr>
<tr>
<td>Skantha Manjunath MD</td>
<td>Osmania Medical College</td>
<td>University of Tennessee</td>
</tr>
<tr>
<td>Jen Molina MD</td>
<td>University of Santo Thomas</td>
<td>University of Illinois College of Medicine</td>
</tr>
<tr>
<td>Jose Moonjely MD</td>
<td>St. John’s Medical College</td>
<td>Western Reserve Health</td>
</tr>
</tbody>
</table>

**Current fellows (2018-2019)**

4d  **National Institutes of Health T-32 Training Grant on Lung Diseases:**  
Program Director: Tony Eissa, MD  
Positions: 4  
Status: Active (no section clinical fellows currently enrolled)

4e  **Transplant Fellowship:** (Texas Board Approved)  
Director: Amit Parulekar, MD  
Positions: 1-2  
Status: INACTIVE

4f  **Interventional Pulmonary Fellowship** (Texas Board Approved)  
Director (anticipated): D. Ray Lazarus, MD  
Position: 1  
Status: INACTIVE, PENDING INITIATION

**Weekly Fellowship Noon Conferences**

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<th>Wednesday</th>
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<tbody>
<tr>
<td>Core curriculum, journal club</td>
<td>Research conference; St. Luke’s Pulmonary Grand Rounds;</td>
<td>X Ray Case conference; Quality improvement conference</td>
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Site-specific conferences (not mentioned above)

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<tr>
<th>BTGH</th>
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<th>BSLMC / FGP</th>
<th>PFW</th>
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<tbody>
<tr>
<td>Tumor Board</td>
<td>Tumor Board; Weekly Case Conference</td>
<td>Tumor Board (BSLMC)</td>
<td>ICU topic review;</td>
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<tr>
<td>CC Board review</td>
<td>Patient-Centered Clinical Research; CTRID seminar series</td>
<td>Sleep Medicine Board Review (FGP)</td>
<td>Multidisciplinary case</td>
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<tr>
<td>CC Journal club</td>
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<td>conference</td>
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5. Research

5a. Grants and Contracts Awarded: 07/01/2017 - 06/30/2018

MEDICINE: PULMONARY

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<th>Budget Period</th>
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<tr>
<td>KHERADMAND, FARRAH (MPI)</td>
<td>NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES (NIAID)</td>
<td>1R01AI135803-01</td>
<td>FUNGAL PATHOGENESIS OF MODERATE TO SEVERE ASTHMA</td>
<td>03/23/18-02/28/23</td>
<td>$357,458</td>
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<td>KHERADMAND, FARRAH</td>
<td>MICHAEL E DEBAKEY VA MEDICAL CENTER</td>
<td>2101CX000104-09</td>
<td>INNATE AND ACQUIRED IMMUNE RESPONSES IN HUMAN COPD</td>
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<td>Start Date - End Date</td>
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<tr>
<td>RUMBAUT, Rolando</td>
<td>Michael E DeBakey VA Medical Center</td>
<td>S501BX002551-03</td>
<td>Platelets and Microvascular Thrombosis in Inflammation</td>
<td>04/01/18 - 03/31/19</td>
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<td>Eissa, Tony</td>
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<tr>
<td>Parulekar, Amit D.</td>
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<td>CG-415676-YR 2</td>
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<td>Hanania, Nicola Alexander</td>
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<td>HANANIA, NICOLA ALEXANDER</td>
<td>AMERICAN LUNG ASSOCIATION</td>
<td>“LOSARTAN EFFECTS ON EMPHYSEMA PROGRESSION TRIAL” (LEEP) TRIAL</td>
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<td>GUNTUPALLI, KALPALATHA K</td>
<td>BOEHRINGER INGELHEIM LTD</td>
<td>IDIOPATHIC PULMONARY FIBROSIS PROSPECTIVE OUTCOMES REGISTRY (IPF-PRO)</td>
<td>2018</td>
<td>$2,500</td>
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<td>HANANIA, NICOLA ALEXANDER</td>
<td>BOEHRINGER INGELHEIM PHARMACEUTICAL, INC</td>
<td>OBSERVATIONAL STUDY IN HEALTHY SUBJECTS AND PATIENTS WITH COPD TO ASSESS THE RELATIONSHIP BETWEEN CLINICAL, IMAGING AND BIOMARKER MEASUREMENTS, AND PROGRESSION OF EMPHYSEMA OVER TWO YEARS.</td>
<td>2018</td>
<td>$41,012.26</td>
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<td>BARTO, TARA LYNN</td>
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<td>JBT101-CF-001: A PHASE 2, DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED MULTICENTER STUDY TO EVALUATE SAFETY, TOLERABILITY, EFFICACY, AND PHARMACOKINETICS OF JBT-101 IN CYSTIC FIBROSIS</td>
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<td>$1,385.08</td>
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<td>HANANIA, NICOLA ALEXANDER</td>
<td>F. HOFFMANN-LA ROCHE LTD</td>
<td>A PHASE II, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY TO ASSESS THE EFFICACY AND SAFETY OF LEBRIKIZUMAB IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND A HISTORY OF EXACERBATIONS</td>
<td>2018</td>
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<td>GENENTECH, INC.</td>
<td>A PROSPECTIVE, SINGLE ARM, LONGITUDINAL COHORT STUDY TO ASSESS BIOMARKERS IN REAL WORLD PATIENTS WITH SEVERE ASTHMA</td>
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<td>HANANIA, NICOLA ALEXANDER</td>
<td>GLAXO/SMITHKLINE</td>
<td>A RANDOMIZED, DOUBLE-BLIND, SPONSOR OPEN, PLACEBO-CONTROLLED, 52 WEEK STUDY EVALUATION THE EFFECT OF DANIRIXIN (GSK1325756) ON LUNG FUNCTION AND HEALTH RELATED QUALITY OF LIFE IN PARTICIPANTS WITH MILD TO MODERATE CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)</td>
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<td>GLAXO/SMITKLINE</td>
<td>A PHASE III, RANDOMIZED, DOUBLE-BLIND, ACTIVE CONTROLLED, PARALLEL GROUP STUDY, COMPARING THE EFFICACY, SAFETY AND TOLERABILITY OF THE FIXED DOSE COMBINATION FF/UMEC/VI WITH THE FIXED DOSE DUAL COMBINATION OF FF/VI, ADMINISTERED ONCE-DAILY VIA A DRY POWDER INHALER IN SUBJECTS WITH INADEQUATELY CONTROLLED ASTHMA</td>
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<td>YR 3: NETWORK MANAGEMENT CORE (NEMO) FOR THE PULMONARY TRIALS COOPERATIVE (PTC) (RETHINC)</td>
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<td>NATIONAL HEART, LUNG, AND BLOOD INSTITUTE (NHLBI)</td>
<td>YR 2: NETWORK MANAGEMENT CORE (NEMO) FOR THE PULMONARY TRIALS COOPERATIVE (PTC) / INSIGHT: PULMONARY TRIALS COOPERATIVE’S (PTC) INTERVENTION STUDY IN OVERWEIGHT PATIENTS WITH COPD (INSIGHT COPD) TRIAL</td>
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<td>HANANIA, NICOLA ALEXANDER</td>
<td>NATIONAL INSTITUTES OF HEALTH (NIH)</td>
<td>AMENDMENT - THE GENETICS EPIDEMIOLOGY OF COPD</td>
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<td>LAZARUS, DONALD</td>
<td>Olympus/Spiration (EMPROVE)</td>
<td>Spiration Pivotal II Trial (EMPROVE)</td>
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<td>$12,596.24</td>
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<td>PANDIT, LAVANAYA</td>
<td>UNITED THERAPEUTICS</td>
<td>A Randomized, Placebo-Controlled Study of Inhaled Treprostinil in Subjects with Pulmonary Hypertension due to Parenchymal Lung Disease Protocol Number: #RIN-PH-201</td>
<td>2017-2020</td>
<td>$125,000</td>
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6. Publications


4. Liang, D; Tian, L, You, R; Halpert, M; Konduri, V; Baig, Y.; Paust, S; Kim, D; Kim, S, Jia, F; Huang, S; Zhang, X; Kheradmand, F; Corry, D; Gilbert, B; Levitt, J; Decker, W. AIMp1 Potentiates TH1 Polarization and Is Critical for Effective Antitumor and Antiviral Immunity. Front Immunol. 2017 Vol 8; 1801.


32. Official ERS/ATS clinical practice guidelines: noninvasive ventilation for acute respiratory failure Bram Rochwerg 1, Laurent Brochard2,3, Mark W. Elliott4, Dean Hess5, Nicholas S. Hill6, Stefano Nava7 and Paolo Navale8i8 (members of the steering committee); Massimo Antonelli9, Jan Brozek1, Giorgio Conti9, Miquel Ferrer10, Kalpalatha Guntupalli11, Samir Jaber12, Sean Keenan13,14, Jordi Mancebo15, Sangeeta Mehta16 and Suhail Raoof17,18 (members of the task force) Eur Respir J 2017; 50: 1602426 J Altern Complement Med. 2017 Jul 17. doi: 10.1089/acm.2017.0102. [Epub ahead of print]
34. Update in Pulmonary Medicine Evidence published in 2016 Christopher Howard, MD; Kalpalatha Guntupalli, MD Ann Intern Med 2017;166: W40-W43
55. Yohannes AM, Hanania NA. “Depression and Anxiety in Adults Patients with Asthma” In: Sharaefkhaneh A. Yohannes AM, Hanania NA, Kunik ME eds. Depression and Anxiety in Patients with Chronic Respiratory Diseases. Springer 2017: 73-84


58. “Sacred Pause” in the ICU: Evaluation of a Ritual and Intervention to Lower Distress and Burnout. Sumit Kapoor, MD, FCCP, Christopher K. Morgan, MD, Muhammad Asim Siddique, MD, Kalpalatha K. Guntupalli, MD, FCCM, Master FCCP, MACP.

59. Lung diseases in the modern era, Chapter 10 published in ‘The Sub specialty care of HIVinfected patients’ online book, Helina Wakwaya, MD, Dharani Narendra, MD, Elizabeth Guy, MD, published February 2018

# 7. 2017-2018 Fellowship Graduates

<table>
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<tr>
<th>Pulmonary &amp; Critical Care Medicine</th>
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<tbody>
<tr>
<td>Dr. Tim Hotze</td>
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<tr>
<td>Dr. Helina Wakwaya</td>
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<tr>
<td>Dr. John Blixt</td>
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<tr>
<td>Dr. Thomas Monaco</td>
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<tr>
<td>Dr. Harman Kular</td>
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<tr>
<th>Critical Care Medicine</th>
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<tbody>
<tr>
<td>Dr. Jonathan Suarez</td>
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<td>Dr. Prakruthi Voore</td>
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<tr>
<th>Sleep Medicine</th>
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<tr>
<td>Dr. David Adejorin</td>
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<tr>
<td>Dr. Xuesong Chen</td>
</tr>
<tr>
<td>Dr. Sonal Malhotra</td>
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<tr>
<td>Dr. Goutham Gudavalli</td>
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<tr>
<td>Dr. Joe Ochoa</td>
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</table>
Annual Research Report and Accomplishment
Section of Transition Medicine
Department of Medicine, Baylor College of Medicine
(1 July 2017–30 June 2018)

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Publications ................................................................................................................................................... 1
Awards/Honors ............................................................................................................................................. 1
Professional Organizations ........................................................................................................................... 2
Editorial Board Memberships/Positions ....................................................................................................... 2
Grants............................................................................................................................................................ 2

Faculty
Cynthia Peacock, MD, FACP, FAAP- Medical Director
Elisha Acosta, MD
Ellen Fremion, MD, FAAP
Judy Kim, MD
K. Jordan Kemere, MD

Publications


management through intermittent self-catheterization among individuals with spina bifida: A journey to 

Awards/Honors
Fremion: “That’s the Way” Baylor College of Medicine award in recognition of exceptional care feedback 
from patients 11/2017

Peacock, Acosta, Fremion, Kim, Kemere: “All Star: Highest Rank” Baylor College of Medicine award for 
exceptional patient satisfaction, quality, and safety. Quarters 1, 2, and 4.

Professional Organizations
Acosta: American Academy of Pediatrics, American College of Physicians, American Academy of 
Developmental Medicine and Dentistry

Kemere: American College of Physicians, American Academy of Developmental Medicine and Dentistry


Editorial Board Memberships/Positions

Peacock: American Academy of Developmental Medicine and Dentistry Board Member 2018-2020

Grants

Acosta: SOI/AADMD National Curriculum in Developmental medicine, Funding Dates: 2017

Acosta, Kim: “Complex Care Transition Readiness Program”, Ligums Family Transition Medicine Grant, Co-Principal Investigators, Funding dates: October 2016-October 2017, re-funding October 2017-October 2018

Fremion: “Self-Management Improvement for Teens with Spina Bifida”, Ligums Family Transition Medicine Grant, Principle Investigator, Funding dates: October 2016-October 2017, re-funding October 2017-October 2018

Kemere: “Planning Transition in the Texas Children’s Hospital Metabolic Clinic”, Ligums Family Transition Medicine Grant, Co-Principal Investigator, Funding dates: October 2016-October 2017, re-funding October 2017-October 2018