

SECTION OF CARDIOLOGY

SECTION ACCOMPLISHMENTS

- Baylor St. Luke's Medical Center/Texas Heart Institute (BSLMC/THI) ranked 13th in the nation and first in Houston for cardiology and heart surgery in *US News and World Report*, with high performance (5/5) for transcatheter aortic valve replacement (TAVR), heart attack and heart failure, received recognition from the American College of Cardiology as a TAVR center of excellence (first in Houston), and is the only 3-star TAVR program in Common Spirit Health
- Ranked #19 nationally by *US News & World Report* for best global universities for cardiac and cardiovascular system, ranked #20 globally for publications; ranked #17 in the world globally for Cardiology by Expertscape
- Ben Taub Hospital received the American Heart Association/American Stroke Association's Get With The Guidelines—Stroke Gold Plus—Target: Stroke Honor Roll Elite Plus Award and is a designated Chest Pain Center and a Mission: Lifeline Gold Plus Receiving Center for ST-Segment Elevation Myocardial Infarction (STEMI) care
- The Michael E. DeBakey VA Medical Center (MEDVAMC) is one of the leading VA Centers in pioneering cutting-edge/new technologies (first phrenic nerve pacemaker stimulation to treat central sleep apnea, CardioMems pressure monitoring, orbital atherectomy, leadless pacemaker and many others)
- Faculty hold numerous national leadership positions, including President of the Heart Failure Society of America (Biykem Bozkurt) and President-Elect of the American Society of Echocardiography (Raymond Stainback)
- Outstanding academic productivity included 304 journal articles published and 86 abstracts and presentations at American Heart Association (AHA) and American College of Cardiology (ACC) meetings



SECTION CHIEF

Christie M. Ballantyne, MD

FACULTY

Section Leadership

- Christie M. Ballantyne, MD, Chief
- Nasser M. Lakkis, MSc, MD, Chief, Section of Cardiology, Ben Taub Hospital
- Biykem Bozkurt, MD, PhD, Medical Care Line Executive (Medicine Department Chair), MEDVAMC
- Juan Carlos Plana Gomez, MD, Chief, Cardiovascular Service Line, BSLMC
- Glenn N. Levine, MD, Chief, Cardiology Section, MEDVAMC

- Basant Arya, MD, FGP Medical Director and Medical Director, Baylor Heart Clinic
- Andrew Civitello, MD, Director, Advanced Heart Failure, BSLMC
- Hani Jneid, MD, Director, Interventional Cardiology, MEDVAMC; Director, Structural Heart Disease, Ben Taub Hospital

Faculty

Professor

- Hamid Afshar, MD
- Christie M. Ballantyne, MD
- Yochai Birnbaum, MD
- Biykem Bozkurt, MD, PhD
- Ali E. Denktas, MD
- John Alan Farmer, MD
- Savitri Fedson, MD, MA
- Gabriel Habib, MD
- Nasser M. Lakkis, MSc, MD
- Glenn Levine, MD
- Neil E Strickman, MD
- Salim S. Virani, MD, PhD

Associate Professor

- Mahboob Alam, MBBS
- Basant Arya, MD
- Mihail G. Chelu, MD, PhD
- Andrew Civitello, MD
- Jose G Diez, MD
- Irakli Giorgberidze, MD
- Ihab Rafic Hamzeh, MD
- Sheila K. Heinle, MD
- Hani Jneid, MD
- Michael Mihalick, MD
- Arunima Misra, MD
- Vijay Nambi, MD, PhD
- Juan Carlos Plana Gomez, MD
- Abdi Rasekh, MD
- Mehdi Razavi, MD
- Mohammad Saeed, MD
- Rashed Tabbaa, MD
- Raymond Stainback, MD

Assistant Professor

- Oliva Dinal Delossantos, DNP

- Waleed Tallat Kayani, MD
- Shaden Khalaf, MD
- Mirza Umair Khalid, MD
- Srikanth Koneru, MD
- Jennifer Loveless, NP
- Tony S. Ma, MD, PhD
- Ronald Maag, MD
- Rita Frances Marr, MD
- Vanessa N. Medrano, MD
- Joanna Esther Molina Razavi, MD
- Tyler B. Moran, MD, PhD
- Ajith P. Nair, MD
- Joseph P Navarajo, MD
- Selby B. Oberton, MD
- David Paniagua, MD
- Dhaval Parekh, MD
- Allison Michelle Pritchett, MD
- Francia Rojas-Delgado, MD
- Paul Schurmann, MD
- Mourad H. Senussi, MD, MS
- Guilherme Vianna Silva, MD
- Leo Simpson, MD
- Ankit Upadhyay, MD
- Lola Xiaoying Xie, MD
- Lily Zheng, MD

Instructor

- Ana Clarissa Butac, NP
- Florencia Griffin, PA
- Brittany Alise Knight, MSN, NP
- Mackenzie Koetting, NP
- Shalini Pappachan, NP
- Sandra Gwendolyn Stahl, NP
- CeCe Zhang, PA

HONORS AND ACHIEVEMENTS

Hamid Afshar, MD

- Promotion to Professor
- STAR Faculty Award for Excellence in Patient Care, Baylor College of Medicine

Mahboob Alam, MBBS

- 2021 Top Doctor (Interventional Cardiology), *Houstonia* magazine
- Associate Director, Cardiology Fellowship Program, Baylor College of Medicine
- Member of Team to Establish STEMI Program at Texas Children's Hospital

Basant Arya, MD

- Invited faculty lecture, "Volume Assessment in Shock Patients," American Society of Echocardiography Scientific Sessions
- Member at Large, Guidelines & Standards Committee, American Society of Echocardiography

Christie Ballantyne, MD

- 2021 Castle Connolly America's Top Doctors
- 2021 America's Most Honored Doctors—Top 5%
- 2021 TX Top Docs
- 2020 Clarivate Highly Cited Researchers, World's top 1%
- 2021 ranked #3 globally for hypertriglyceridemia and #5 globally for LDL, lipoproteins by Expertscape

Yochai Birnbaum, MD

- 2021 Houston's Top Doctors

Biykem Bozkurt, MD, PhD

- 2020 Clarivate World's Highly Cited Researchers (top 1% Web of Science)
- Cardiology Expertise #6 in the world, Heart Failure Expertise Top 0.026%, Expertscape
- Chair-Elect, American College of Cardiology Foundation/AHA Task Force on Performance Measures
- Immediate Past President, Heart Failure Society of America
- Vice-Chair, AHA/ACC Writing Committee for Practice Guidelines in Heart Failure



Biykem Bozkurt, MD, PhD, chaired the 2020 HFSA Annual Scientific Sessions as President of the Heart Failure Society of America.

Mihail Chelu, MD, PhD

- Executive Committee, Cardiovascular Research Institute, Baylor College of Medicine
- Congress President, Iasi International Iasi Arrhythmia Forum

Andrew Civitello, MD

- Led BSLMC Heart Transplant program to CMS recertification
- Led BSLMC Heart Transplant program to designation as OptumHealth Transplant Center of Excellence

Ali Denktas, MD

- Top Doctor (Interventional Cardiology), *Houstonia Magazine*

Jose Diez, MD

- BCM Power of Professionalism Award, Baylor College of Medicine
- Board Certification Exam in Cardio-Oncology, International Cardio-Oncology Society
- Member, International Committee, Society for Cardiovascular Angiography and Intervention

Savitri Fedson, MD, MA

- Promotion to Professor
- Presenter, "Pitfalls of Experimentation in Times of Crisis," Annual Clinical Conference, MacLean Center, University of Chicago

Ihab Hamzeh, MD

- Top Doctor, *Houstonia Magazine*

Hani Jneid, MD

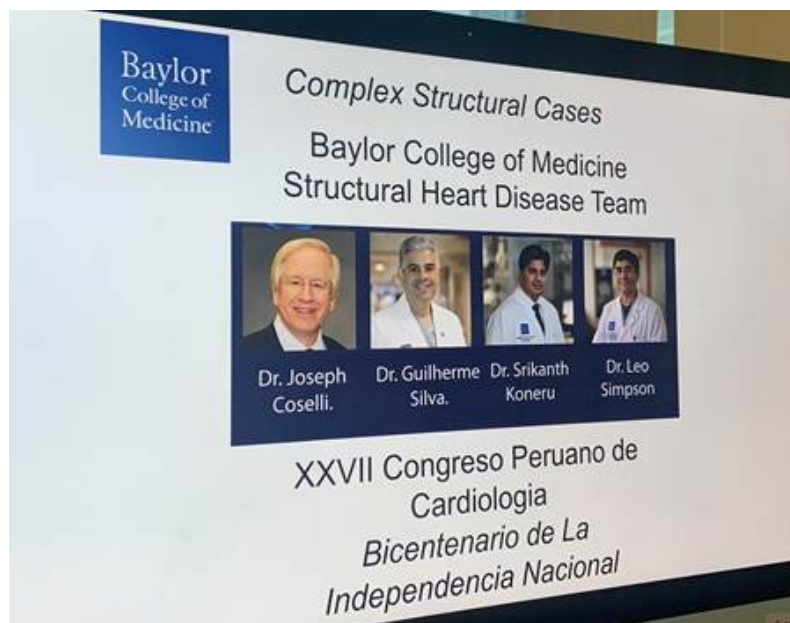
- 2021 American College of Cardiology, The Gifted Educator Award
- 2021 Star Award for Excellence in Patient Care, Baylor College of Medicine
- Chair, the ACC/AHA Task Force on Clinical Data Standards
- Chair, Writing Group, ACC/AHA Performance Measure Document for Valvular Heart Disease
- Ranked #17 in the world for Cardiology Expertise, Expertscape

Umair Khalid, MD

- Early Career Faculty Award for Excellence in Patient Care, Baylor College of Medicine
- Appointed as the Director of Cardiac Care Unit, MEDVAMC
- Chair, Early Career Social Media Team, American College of Cardiology

Srikanth Koneru, MD

- Early Career Award for Patient Care, Baylor College of Medicine
- Established Valve Clinic at BSLMC
- Attained Fellowship of American Society of Echocardiography



International presentation, Peruvian Cardiology Society Congress 2021.

Glenn Levine, MD

- Visiting Professor, Washington University in St. Louis
- Baylor College of Medicine/Baylor House Staff Teaching Faculty Award: Consult/Ambulatory
- 2020 Clarivate World's Highly Cited Researchers (top 1% Web of Science)

Ronald Maag, MD

- Associate Medical Director, Baylor Heart Clinic
- Medical Co-Director, Echocardiography Lab, Baylor Heart Clinic
- Medical Co-Director, Nuclear Cardiology Lab, Baylor Heart Clinic

Arunima Misra, MD

- Selected as Member, Education Committee, American Society of Echocardiography
- Selected as Member, Education Committee, Heart Failure Society of America
- Selected as Member, Valvular Heart Disease Performance Measures Writing Committee, ACC
- Selected as Subspecialty Education Coordinator for Cardiology, Baylor College of Medicine

Ajith Nair, MD

- Top Doctor (Cardiology), *Houstonia* Magazine

Vijay Nambi, MD, PhD

- Norton Rose Fulbright Faculty Excellence Award for Development of Enduring Educational Materials
- Topic co-coordinator for ACC 21 and topic coordinator for ACC 22 scientific sessions planning committee, "Prevention and Health Promotion"

Juan Carlos Plana, MD

- Co-Director, Master in Cardio-Oncology, Spanish Society of Cardiac Imaging
- Research co-Chair BSLMC, Common Spirit Health Research Council

Guilherme Silva, MD

- Site Principal Investigator, Edward PASCAL (Clasp II TR) Transcatheter Valve Repair System

Leo Simpson, MD

- Star Award for Excellence in Patient Care, Baylor College of Medicine

Raymond Stainback, MD

- President-Elect, American Society of Echocardiography
- Course Director, 11th Annual Houston Echo Review—boot camp for the Echo Boards
- Speaker, "Echo for LVAD patients selection," EACVI webinar
- Speaker, "Surveillance echo for LVADs," American Society of Echocardiography Scientific Sessions
- Speaker, "Adult congenital heart disease—expected and unexpected paired findings," American Society of Echocardiography Scientific Sessions

Neil Strickman, MD

- Lectured on carotid stenting virtually at CardioAlex, Alexandria, Egypt

Ankit Upadhyay, MD

- Co-PI, DAPA ACT HF-TIMI 68 study
- Review, "Adherence to echocardiogram protocols for percutaneous mitral valve repair and transcatheter aortic valve replacement procedures," *Cardiology*: Open access

Salim Virani, MD, PhD

- Leadership Award, ACC's National Cardiovascular Disease Registry Management Board
- Clark Faculty Service Award, Baylor College of Medicine
- Chair, ACC's Expert Consensus Statement on management of elevated triglycerides
- Co-Chair, Global Think Tank Meeting on the Role of Lipoprotein(a) in Risk Assessment and Risk Management (organized by the National Lipid Association).
- Chair, Global NCD Academy of the American College of Cardiology

Lola Xie, MD

- Co-PI, COMPETENE trial
- Co-PI, LOFT-HF trial
- Co-PI, CORCINCH-HF study
- Invited talk: National Cardiology Association of Mexico Regional Meeting

RESEARCH ACTIVITIES

Grants

Christie Ballantyne, MD

- NIH; Mapping the Progression to HFpEF in the Elderly through Longitudinal Changes in Cardiac Function; \$4,165,032
- Ionis Pharmaceuticals; A Randomized, Double-Blind, Placebo-Controlled, Phase 3 Study of Akcea-ApoCIII-Lrx Administered Subcutaneously to Patients with Familial Chylomicronemia Syndrome; \$64,450

Biykem Bozkurt, MD, PhD

- Veterans Affairs Investigator Initiated Research; Continuous Wearable Monitoring Analytics to Improve Outcomes in Heart Failure—LINK-HF2 Multicenter Implementation Study; \$148,000

Mihail Chelu, MD, PhD

- Impulse Dynamics (USA); Optimizer Smart Post-Approval Study
- PCORI grant to UCSF and subcontract to BCM; TRAVERSE PCORI

Ajith Nair, MD

- CAREDX, Inc.; SHORE
- Janssen Research & Development, LLC; UNISUS-ACTELION

Abdi Rasekh, MD

- Adagio Medical, Inc.; iCLAS for Persistent Atrial Fibrillation
- Biosense Webster; STELLAR

Guilherme Silva, MD

- Ancora Heart, Inc.; CorCinch 5019
- Abbott Vascular, Inc.; PIVSD Occluder HDE PAS
- W.L. Gore & Associates, Inc.; REDUCE PAS - GORE PFO

Salim Virani, MD, PhD

- VA HSR&D; Optimizing Renin Angiotensin System Blocker Use among Veterans with Kidney Disease; \$1,199,010

Publications

- *American Heart Journal* (IF **4.749**): 2
- *American Journal of Kidney Diseases* (IF **8.860**): 1
- *American Journal of Medicine* (IF **4.965**): 12
- *American Journal of Preventive Medicine* (IF **5.043**): 1
- *American Journal of Public Health* (IF **9.308**): 1
- *American Journal of Transplantation* (IF **8.086**): 1
- *Annual Review of Medicine* (IF **12.457**): 1
- *Arteriosclerosis, Thrombosis, and Vascular Biology* (IF **8.311**): 2
- *Atherosclerosis* (IF **5.162**): 2
- *Cancer* (IF **6.860**): 1
- *Cancer Epidemiology, Biomarkers & Prevention* (IF **4.254**): 1
- *Cardiovascular Research* (IF **10.787**): 1
- *Circulation* (IF **29.690**): 11
- *Circulation: Cardiovascular Interventions* (IF **6.546**): 1
- *Circulation: Cardiovascular Quality and Outcomes* (IF **5.882**): 2
- *Circulation: Genomic and Precision Medicine* (IF **6.054**): 1
- *Clinical Chemistry* (IF **8.327**): 3
- *Current Atherosclerosis Reports* (IF **5.113**): 5
- *Current Problems in Cardiology* (IF **5.200**): 2
- *Diabetes* (IF **9.461**): 1
- *Diabetes Care* (IF **19.112**): 2
- *EuroIntervention* (IF **6.534**): 1
- *European Heart Journal* (IF **29.983**): 7
- *European Heart Journal-Cardiovascular Pharmacotherapy* (IF **6.617**): 2
- *European Journal of Heart Failure* (IF **15.534**): 2
- *European Journal of Preventive Cardiology* (IF **7.804**): 7
- *Frontiers in Psychiatry* (IF **4.157**): 1

- *Heart* (IF **5.994**): 2
- *Heart Failure Reviews* (IF **4.214**): 2
- *Human Molecular Genetics* (IF **6.150**): 1
- *Hypertension* (IF **10.190**): 2
- *Immunology* (IF **7.397**): 1
- *International Journal of Cardiology* (IF **4.164**): 2
- *International Journal of Obesity* (IF **5.095**): 1
- *JACC: Basic to Translational Science* (IF **8.648**): 1
- *JACC: CardioOncol* (IF **6.250**): 1
- *JACC: Cardiovascular Imaging* (IF **14.805**): 1
- *JACC: Cardiovascular Interventions* (IF **11.195**): 3
- *JACC: Clinical Electrophysiology* (IF **6.375**): 1
- *JACC: Heart Failure* (IF **12.035**): 1
- *JAMA* (IF **56.272**): 2
- *JAMA Cardiology* (IF **14.676**): 10
- *JAMA Internal Medicine* (IF **21.873**): 1
- *JAMA Network Open* (IF **8.483**): 2
- *JAMA Oncology* (IF **31.777**): 1
- *Journal of Cardiac Failure* (IF **5.712**): 2
- *Journal of Cardiovascular Translational Research* (IF **4.132**): 1
- *Journal of Clinical Endocrinology & Metabolism* (IF **5.958**): 3
- *Journal of Clinical Lipidology* (IF **4.766**): 4
- *Journal of Clinical Oncology* (IF **44.544**): 1
- *Journal of Global Health* (IF **4.413**): 1
- *Journal of Rheumatology* (IF **4.666**): 1
- *Journal of the American College of Cardiology* (IF **24.094**): 10
- *Journal of the American Geriatrics Society* (IF **5.562**): 1
- *Journal of the American Heart Association* (IF **5.501**): 15
- *Journal of the American Society of Echocardiography* (IF **5.251**): 1
- *Lancet Diabetes & Endocrinology* (IF **32.069**): 1
- *Mayo Clinic Proceedings* (IF **7.616**): 3
- *Nature Communications* (IF **14.919**): 2
- *Nature Genetics* (IF **38.330**): 1
- *Nature Reviews Cardiology* (IF **32.419**): 2
- *Nephrology Dialysis Transplantation* (IF **5.992**): 1
- *New England Journal of Medicine* (IF **91.245**): 1
- *Progress in Cardiovascular Diseases* (IF **8.194**): 3
- *Reviews in Medical Virology* (IF **6.989**): 1
- *Scientific Reports* (IF **4.379**): 3
- *Stroke* (IF **7.914**): 1
- *Trends in Genetics* (IF **11.639**): 1

Books and Book Chapters

Christie Ballantyne, MD

- Lipid-modifying drugs. In: *Opie's Cardiovascular Drugs: A Companion to Braunwald's Heart Disease*

Biykem Bozkurt, MD, PhD

- Section Editor, Heart Failure. In: *Cardiovascular Medicine and Surgery*

Hani Jneid, MD

- NSTEMI-ACS. In: *Cath SAP*
- Cardiogenic Shock. In: *Cardiology Secrets*

Umair Khalid, MD

- Cardiac Catheterization: Coronary Angiogram, Intracoronary Imaging, and Physiology. In: *Cardiology Secrets*
- Prevention: Atherosclerotic Cardiovascular Disease Risk Assessment. In: *Adult Clinical Cardiology Self-Assessment Program (ACCSAP)*

Glenn Levine, MD

- *Take Back Control of Your Mind*

Tyler Moran, MD, PhD

- Cardiotoxic Effects of Cancer Therapy. In: *ASE's Comprehensive Echocardiography*

Ajith Nair, MD

- Sex Differences in Pulmonary Arterial Hypertension. In: *Sex Differences in Cardiac Diseases: Pathophysiology, Presentation, Diagnosis and Management*
- Sex Differences in Heart Failure with Preserved Ejection Fraction. In: *Sex Differences in Cardiac Diseases: Pathophysiology, Presentation, Diagnosis and Management*

Vijay Nambi, MD, PhD

- Lipid management. In: *Cardiology Secrets*
- Carotid artery disease. In: *Cardiology Secrets*

Salim Virani, MD, PhD

- Prevention: Atherosclerotic Cardiovascular Disease Risk Assessment. In: *Adult Clinical Cardiology Self-Assessment Program (ACCSAP)*