

CURRICULUM VITAE

NAME: John Lynn Jefferies, MD, MPH, MBA, FACC, FAHA, FAAP, FHFSA, FESC,
FRCPE

TITLE: Professor, Clinical Cardiology, Baptist Health Sciences
University College of Osteopathic Medicine
Research Member, St. Jude Children's Research Hospital
Professor, School of Public Health, University of Memphis

MAILING ADDRESS: 6070 Wild Oaks Drive
Memphis, TN 38120

Hospitals: Baptist Memorial Hospital
6019 Walnut Grove Road
Memphis, TN 38120

Le Bonheur Children's
Hospital 848 Adams Avenue
Memphis, TN 38103

St Jude Children's Research
Hospital 262 Danny Thomas Place
Memphis, TN 38015

Memphis Veteran's Administration Medical
Center 1030 Jefferson Avenue
Memphis, TN 38104

Regional One Hospital
877 Jefferson Avenue
Memphis, TN 38103

Phone (713) 494-5013

Fax (901) 448-8084

Email johnljefferiesmd@gmail.
com

Residence: 6070 Wild Oaks
Drive Memphis, TN
38120

BIRTHDATE: March 6, 1970

BIRTHPLACE: Charleston, West Virginia

MARITAL STATUS: Married, two children, John Parker and Caroline Grace Jefferies

CITIZENSHIP: United States

EDUCATION:

1984-1988	Campbell County Comprehensive High School Jacksboro, Tennessee
1988-1992	University of Tennessee Knoxville, Tennessee B.S. in Microbiology
1992-1996	University of Tennessee College of Medicine Memphis, Tennessee M.D.
1996-1997	Intern, Internal Medicine/Pediatrics University of Kentucky Lexington, Kentucky Chairman: James E. Muller, M.D. Chairman Emeritus: Jacqueline A. Noonan, M.D.
1997-2000	Resident, Internal Medicine/Pediatrics University of Kentucky Lexington, Kentucky Chairman: Jay W. Mason, M.D. Chairman Emeritus: Jacqueline A. Noonan, M.D.
2000-2001	Master of Public Health Major: Epidemiology University of Kentucky Lexington, Kentucky
2021-2023	Master of Business Administration Wharton School of Business Majors: Management, Entrepreneurship & Innovation University of Pennsylvania Philadelphia, Pennsylvania

FELLOWSHIP:

2000-2001	General Internal Medicine University of Kentucky Lexington, Kentucky Chairman: Jay W. Mason, M.D. (This training was part of training for Master of Public Health degree.)
2001-2006	Combined Adult and Pediatric Fellowship in Cardiology Division of Cardiovascular Medicine Division of Pediatric Cardiology Texas Heart Institute

St. Luke's Episcopal
Hospital Texas Children's
Hospital Baylor College of
Medicine
Director: James T. Willerson,
M.D. Director: Robert J. Hall,
M.D. Director: J. Timothy Bricker,
M.D. Director: Jeffrey A. Towbin,
M.D.

2003-2006 Pediatric Cardiac
Transplantation Division of
Pediatric Cardiology Texas
Children's Hospital
Baylor College of Medicine
Houston, Texas
Director: Jeffrey A. Towbin, M.D.

ACADEMIC POSITION:

2023-present Professor
Cardiovascular Outcomes Center
School of Public Health
University of Memphis
Memphis, TN

FACULTY POSITIONS:

2006-2010 Assistant Professor
Medicine/Adult Cardiovascular Diseases
Baylor College of Medicine
Texas Institute at St. Luke's Episcopal
Hospital Houston, Texas

2006-2010 Assistant Professor
Pediatrics/Pediatric Cardiology
Texas Children's Hospital
Baylor College of Medicine
Houston, Texas

2008-2010 Assistant Professor
Adult Cardiovascular Diseases and Pediatric Cardiology
M.D. Anderson Cancer
Center University of Texas
Houston, Texas

2010-2015 Associate Professor
Medicine/Adult Cardiovascular Diseases
Baylor College of Medicine
Texas Institute at St. Luke's Episcopal
Hospital Houston, Texas

2010-2015	Associate Professor Pediatric Cardiology Cincinnati Children's Hospital Medical Center Cincinnati, Ohio
2015-2018	Professor Adult Cardiovascular Diseases University of Cincinnati Cincinnati, Ohio
2015-2018	Professor Pediatric Cardiology Cincinnati Children's Hospital Medical Center Cincinnati, Ohio
2015-2018	Professor, Division of Human Genetics Cincinnati Children's Hospital Medical Center Cincinnati, Ohio
2018-2023	Professor and Chair (Tenured) The UT Methodist Cardiovascular Institute Adult Cardiovascular Diseases Memphis, TN
2018-2023	Professor Pediatric Cardiology Le Bonheur Children's Hospital Memphis, TN
2018-2023	Professor Preventive Medicine University of Tennessee Memphis, TN
2018-present	Research Member Adult and Pediatric Cardiology St. Jude Children's Research Hospital Memphis, TN
2018-2023	Professor Adult Cardiovascular Diseases and Pediatric Cardiology University of Tennessee Health Science Center Memphis, TN

FACULTY SERVICE:

2006-2010	Adult Cardiovascular Diseases Texas Heart Institute Baylor College of Medicine Houston, Texas
2006-2010	Pediatric Cardiac Intensivist Texas Children's Hospital Baylor College of Medicine Houston, Texas
2006-2010	Pediatric Cardiomyopathy Service Texas Children's Hospital Baylor College of Medicine Houston, Texas
2006-2010	Pediatric Cardiac Transplant Service UNOS Certified (2007) Texas Children's Hospital Baylor College of Medicine Houston, Texas
2006-2010	Cardiovascular Genetics Service Texas Children's Hospital Baylor College of Medicine Houston, Texas
2006-2010	Pediatric Cardiologist St. Luke's Episcopal Hospital Baylor College of Medicine Houston, Texas
2006-2010	Cardiologist M.D. Anderson Hospital University of Texas Houston, Texas
2008-2010	Director, Cardiomyopathy/Heart Failure Program Texas Children's Hospital Baylor College of Medicine Houston, Texas
2009-2010	Co-Director, Cardiovascular Genetics Texas Children's Hospital Baylor College of Medicine Houston, Texas
2010-present	Director, Advanced Heart Failure and Cardiomyopathy The Heart Institute Cincinnati Children's Hospital Medical Center Cincinnati, Ohio
2010-2011	Medical Director, Cardiac Transplantation The Heart Institute

	Cincinnati Children's Hospital Medical Center Cincinnati, Ohio
2010-2012	Attending, Advanced Heart Failure Service Ohio Heart and Vascular The Christ Hospital Cincinnati, Ohio
2010-2013	Co-Director, Cardiovascular Genetics The Heart Institute Cincinnati Children's Hospital Medical Center Cincinnati, Ohio
2010-2013	Associate Director, Heart Institute Research Core The Heart Institute Cincinnati Children's Hospital Medical Center Cincinnati, Ohio
2013-2016	Associate Professor, Division of Human Genetics Cincinnati Children's Hospital Medical Center Cincinnati, Ohio

2016-2018	Professor, Adult Cardiovascular Diseases University of Cincinnati Medical Center Cincinnati, OH
2016-2018	Professor, Pediatric Cardiology Cincinnati Children's Hospital Medical Center Cincinnati, OH
2016-2018	Professor, Division of Human Genetics Cincinnati Children's Hospital Medical Center Cincinnati, OH
2016-2018	Cardiology Clinical Consultant Heart Institute Diagnostic Laboratory Cincinnati, OH
2016-2018	Cardiology Consultant Shriners' Hospital Cincinnati, OH
2018-2020	Professor and Chair The UT Methodist Cardiovascular Institute Adult Cardiovascular Diseases Memphis, TN
2018-2023	Professor Pediatric Cardiology Le Bonheur Children's Hospital Memphis, TN
2018-present	Professor Preventive Medicine University of Tennessee Memphis, TN
2020-2023	Director Hub Research Capacity Core TN-CTSI University of Tennessee Health Science Center Memphis, TN
2020-2023	Medical Director Clinical Trial Networks of Tennessee (CTN2) Memphis, TN
2020-2023	Principal Investigator Stern Cardiovascular Foundation 8060 Wolf River Boulevard, Germantown, TN

LICENSURE: Tennessee -57888
Texas – L6964
Ohio – 35096072
Kentucky – 33766
Minnesota – 60245
Mississippi - 26120

LICENSING AGENCY: National Board of Medical Examiners

WORK EXPERIENCE:

2023-2024	Director, Medical Affairs, Cardiovascular Bristol Myers Squibb Key Achievements: Facilitated expansion of customer base; Drove data generation; Increased thought leader awareness; Recruited clinical investigation sites Responsibilities: Data generation, Thought leader education, Product marketing, Sales force education, Alignment of Medical Science Liaisons
2022-present	Chief Scientific Advisor Daxor Corporation Key Achievements: Driver of Multiple Publications; Development of Scientific Advisory Boards; Grant submissions; International Conference Representation Responsibilities: Evidence generation, Education, Publications, Communication with payors, Communication with investors, Overall company strategy
2023-present	Chief Medical Officer Nuwellis Key Achievements: Facilitated improved payor reimbursement, Generated multiple publications; Coordinated national and international meetings; Facilitated expansion of customer base; Facilitated expansion of product in to novel patient populations Responsibilities: Evidence generation, development and implementation of company strategy, Education of providers and payors, Interfacing with governmental agencies

ADDITIONAL TRAINING:

2011	Disney Institute, Human Capital Academy
2012	Core Leadership, Cincinnati Children's Hospital Medical Center
2012	Intermediate Improvement Science (I2S2)
2013	Advanced Improvement Methods (AIMS)

PROFESSIONAL ORGANIZATION MEMBERSHIPS:

1992	Phi Beta Kappa
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1992	Phil Kappa Phi
1993	American Medical Association
1997	American Academy of Pediatrics
1997	Kentucky Medical Association
2001	American Heart Association – Silver Heart Member
2001	American College of Cardiology
2001	Irish American Pediatric Society
2004	Adult Congenital Heart Association
2006	Heart Failure Society of America
2006	American Society of Echocardiography

2006	American College of Cardiology
2006	Congenital Heart Disease and Pediatric Cardiology Section
2006	Texas Chapter, American College of Cardiology
2007	Texas Medical Association
2007	Harris County Medical Society
2007	Pediatric Cardiac Intensive Care Society
2007	International Society of Heart and Lung Transplantation
2008	Cambridge Who's Who
2009	Marquis Who's Who in America
2009	Fellow, American Academy of Pediatrics
2009	Fellow, American College of Cardiology
2010	Ohio Chapter, American College of Cardiology
2011	International Cardio-Oncology Society
2011	American College of Physicians, Internal Medicine
2011-present	America's Top Cardiologists
2012-2018	Cincinnati's Top Doctors
2013-present	Best Doctors in America
2013	Cor Vitae, American Heart Association
2013	Fellow, American Heart Association
2013-present	Cincinnati's Top Doctors
2013	Society for Pediatric Research (SPR)
2014-present	Children's Oncology Group (COG)
2014-2018	Cincy Magazine Top Doctors
2014	Best Doctors in America
2014	Heart Failure Society of America Mentoring Program

2014	Fellow, Council on Clinical Cardiology, American Heart Association
2014	Cor Vitae, American Heart Association
2015	Best Doctors in America
2015	Cardio Renal Society of America
2015	Member, Council on Genomic and Precision Medicine, American Heart Association
2015	Cor Vitae, American Heart Association
2016	Fellow, Heart Failure Society of America
2016	Best Doctors in America
2017	America's Best Physicians
2017	Best Doctors in America
2018	Heart Rhythm Society
2018	Best Doctors in America
2018	Tennessee Chapter, American College of Cardiology
2019	Member, Council on Quality of Care and Outcomes Research, American Heart Association
2019	Best Doctors in America
2020	Best Doctors in America
2020	American College of Physicians
2020	European Society of Cardiology
2020	Heart Failure Association of the European Society of Cardiology
2020	Memphis Top Doctors
2020	Castle Connolly Top Doctors
2020	Southern Society of Clinical Investigation
2021	Cor Vitae, American Heart Association
2021	Fellow, Royal College of Physicians of Edinburgh

2021	Fellow, European Society of Cardiology
2021	Castle Connolly Top Doctors
2021	Memphis Top Doctors
2022	Castle Connolly Top Doctors
2022	National Organization of Rare Disorders
2022	Rare Action Network
2023	Castle Connolly Top Doctors
2024	Gold Standard Board Award, American Heart Association

PRECEPTORSHIPS:

Preceptor, Student Advisory Program, Kinkaid High School, Houston, Texas.

Preceptor, Student Pre-Medical Association, Rice University, Houston, Texas.

HONORS AND AWARDS:

Dean's List, University of Tennessee, Knoxville, Tennessee. 1988-1992.

Granny's Award, Campbell County District, LaFollette, Tennessee. July

1992.

Outstanding Resident in Pediatric Cardiology Award, Department of Pediatrics, University of Kentucky, Lexington, Kentucky. June 1999.

Outstanding Resident in Pediatric Intensive Care Award, Department of Pediatrics, University of Kentucky, Lexington, Kentucky. June 1999.

Outstanding Resident in Pediatric Nephrology Award, Department of Pediatrics, University of Kentucky, Lexington, Kentucky. June 2000.

Outstanding Resident Research Award, Department of Internal Medicine, University of Kentucky, Lexington, Kentucky. June 2000.

Outstanding Teacher Award, Internal Medicine and Pediatrics, University of Kentucky, Lexington, Kentucky. June 2000.

Young Investigator Award Nominee, American Academy of Pediatrics Meeting. Genetic predictors and reverse remodeling of dilated cardiomyopathy in muscular dystrophy. **Jefferies JL**, Belmont JW,

Craig WJ, Ware SM, Fernbach SD, Neish SR, Smith EO, Towbin JA. October 2004.

Winner, American Academy of Pediatrics Travel Grant. Genetic predictors and reverse remodeling of dilated cardiomyopathy in muscular dystrophy. **Jefferies JL**, Belmont JW, Craig WJ, Ware SM, Fernbach SD, Neish SR, Smith EO, Towbin JA. October 2004.

Winner, American Academy of Pediatrics Runner-Up Young Investigator Award for Clinical Research. American Academy of Pediatrics Annual Meeting, San Francisco, California. October 2004.

Winner, Bristol Myers-Squibb American College of Cardiology Grant. American College of Cardiology Scientific Sessions, Orlando, Florida. March 2005.

Winner, Irish American Pediatric Society Travel Grant, Philadelphia, Pennsylvania. September 2005.

Winner, Outstanding Lecture Award, Irish American Pediatric Society, Philadelphia, Pennsylvania. September 2005.

Winner, Sponsorship, Heart Failure University, Los Angeles, California. November 2005.

Winner, ACCF Research Fellowship Award, American College of Cardiology Scientific Sessions, New Orleans, Louisiana. March 2007.

Winner, Thrasher New Researcher Award. May 2007.

Executive Coaching and Feedback Program Awardee, Wharton School of Business, University of Pennsylvania. June 2022.

Paul Dudley White International Scholar Award, American Heart Association, November 2022.

PEER REVIEW/ JOURNAL REVIEWER:

2003-present	Reviewer, <i>Texas Heart Institute Journal</i>
2006-present	Reviewer, <i>Circulation</i>
2006-present	Reviewer, <i>Journal of the American College of Cardiology</i>
2006-present	Reviewer, <i>Journal of Heart and Lung Transplantation</i>
2006-present	Reviewer, <i>Pediatrics</i>
2007-present	Reviewer, <i>Congenital Heart Disease</i>
2007-present	Reviewer, <i>Pediatric Transplantation</i>
2008-present	Reviewer, <i>Cardiology</i>

2008-present	Reviewer, <i>International Journal of Cardiology</i>
2009-present	Reviewer, <i>Circulation Journal</i>
2011-present	Reviewer, <i>Journal of Cardiac Failure</i>
2012-present	Reviewer, <i>Circulation Research</i>
2012-present	Reviewer, <i>American Journal of Medical Genetics: Part A</i>
2012-present	Reviewer, <i>Postgraduate Medicine</i>
2013-present	Reviewer, <i>American Journal of Cardiology</i>
2013-present	Reviewer, <i>Canadian Journal of Cardiology</i>
2013	Reviewer, <i>The Efficacy and Mechanism Evaluation (EME) Program, National Institute for Health Research (UK)</i>
2013-present	Reviewer, <i>European Journal of Paediatric Neurology</i>
2013-present	Reviewer, <i>Molecular Genetics and Metabolism</i>
2014-present	Reviewer, <i>Health Research Board</i>
2014-present	Reviewer, <i>World Journal of Pediatrics</i>
2014-present	Reviewer, <i>Italian Journal of Pediatrics</i>
2014-present	Reviewer, <i>The National Medical Research Council (NMRC)</i>
2014-present	Reviewer, <i>Pediatric Nephrology</i>
2014-present	Reviewer, <i>Journal of Inborn Errors of Metabolism and Screening</i>
2014-present	Reviewer, <i>The Journal of Steroid Biochemistry and Molecular Biology</i>
2014-present	Reviewer, <i>American Journal of Cardiovascular Drugs</i>
2014-present	Reviewer, <i>Catheter and Cardiovascular Interventions</i>
2014-present	Reviewer, <i>Journal of Pediatrics</i>
2015-present	Reviewer, <i>JACC Heart Failure</i>
2015-present	Reviewer, <i>Case Reports in Infectious Diseases</i>

2015-present	Reviewer, <i>Journal of Multidisciplinary Healthcare</i>
2015-present	Reviewer, <i>BMJ Case Reports</i>
2015	Reviewer, <i>Wellcome Trust, India Alliance System</i>
2015	Reviewer, <i>BioMed Research International</i>
2015-present	Reviewer, <i>American Heart Journal</i>
2016	Reviewer, <i>Pediatric Academic Societies Workshop</i>
2016-present	Reviewer, <i>Current Medicinal Chemistry</i>
2016	Reviewer, 2016 Heart, Lung, and Vascular Institute Study Section, University of Cincinnati
2016-present	Reviewer, <i>Case Reports in Obstetrics and Gynecology</i>
2016-present	Reviewer, <i>Kidney and Blood Pressure Research</i>
2016-present	Reviewer, <i>Circulation Heart Failure</i>
2016-present	Reviewer, <i>Clinical Science</i>
2016-present	Reviewer, <i>Expert Review of Cardiovascular Therapy</i>
2016-present	Reviewer, <i>Clinical Cardiology</i>
2017-present	Reviewer, <i>Gene</i>
2017-present	Reviewer, <i>Critical Care Medicine</i>
2017-present	Reviewer, <i>JACC Cardiovascular Imaging</i>
2018-present	Reviewer, <i>Heart Rhythm Case Reports</i>
2018-present	Reviewer, <i>Pediatric Research</i>
2018-present	Reviewer, <i>Journal of Pediatric Infectious Diseases</i>
2018-present	Reviewer, Great Ormond Street Children's Charity
2018-present	Reviewer, <i>Journal of Cardiovascular Computed Tomography</i>
2018-present	Reviewer, <i>Molecular Genetics and Metabolism Reports</i>

2018-present	Reviewer, <i>Journal of the American Heart Association</i>
2018	Guest Editor, <i>Journal of the American Heart Association</i>
2018-present	Reviewer, <i>Clinical Epidemiology</i>
2018-present	Reviewer, <i>BMC Cardiovascular Disorders</i>
2018-present	Reviewer, <i>The Lancet Neurology</i>
2018-present	Reviewer, <i>Heart</i>
2018-present	Reviewer, <i>American Journal of Human Genetics</i>
2019-present	Reviewer, <i>Cardio-Oncology</i>
2019-present	Reviewer, <i>Jornal de Pediatria</i>
2019-present	Reviewer, <i>Drug Design, Development and Therapy</i>
2019-present	Reviewer, <i>Case Reports in Pediatrics</i>
2019-present	Reviewer, <i>Nature Communications</i>
2019-present	Reviewer, <i>Digital Biomarkers</i>
2020-present	Reviewer, <i>Journal of the Saudi Heart Association</i>
2020	Reviewer, <i>American Heart Association Scientific Sessions Abstract Committee</i>
2020-present	Reviewer, <i>JACC CardioOncology</i>
2020-present	Reviewer, <i>American Journal of the Medical Sciences</i>
2020-presnet	Reviewer, <i>American Journal of Transplantation</i>
2021-presnet	Reviewer, <i>Open Heart Journal</i>
2021-present	Reviewer, <i>American Journal of Nephrology</i>
2021	Reviewer, <i>American Heart Association Scientific Sessions Abstract Committee</i>
2021-present	Reviewer, <i>Biomolecules</i>
2021-present	Reviewer, <i>Minerva Cardiology and Angiology</i>
2021-present	Reviewer, <i>JACC Case Reports</i>
2022	Reviewer, Dutch Research Council, Open Competition Domain Science
2022	Reviewer, <i>European Society of Cardiology Congress 2022 Abstract</i>

Committee

2022	Reviewer, <i>Leukemia and Lymphoma</i>
2022	Reviewer, <i>Expert Opinion on Pharmacotherapy</i>
2023-present	Reviewer, <i>The American Journal of the Medical Sciences</i>
2023	Reviewer, <i>American Heart Association Scientific Sessions Abstract Committee</i>
2023-present	Reviewer, <i>Journal of the American College of Cardiology Asia</i>
2024-present	Reviewer, <i>JACC: Clinical Electrophysiology</i>
2024-present	Reviewer, <i>Future Rare Diseases</i>
2024-present	Reviewer, <i>JACC: Basic to Translational Research</i>
2024-present	Reviewer, <i>Journal of Medical Case Reports</i>

SERVICE COMMITTEES:

1997	Cardiology Section Review Committee Department of Internal Medicine University of Kentucky
2007-2010	Institutional Review Board Baylor College of Medicine
2009-2010	Committee on Scientific Integrity Baylor College of Medicine
2009-2010	Faculty Research and Fellowship Support Committee Baylor College of Medicine
2009-2010	International Activities Committee Baylor College of Medicine
2010-present	Scholarship Oversight Committee Cincinnati Children's Hospital Medical Center
2011-present	Internal Advisory Committee

	Program Project Grant “Mechanisms and Clinical Phenotypes of Arrhythmogenic Cardiomyopathy” Cincinnati Children’s Hospital Medical Center
2012-present	Data Safety Monitoring Board Clinical Research Study “An Open-Label Trial to Determine the Effect of Losartan Potassium Tablets in Subjects with Eosinophilic Esophagitis (EoE) With or Without a Connective Tissue Disorder” Cincinnati Children’s Hospital Medical Center
2012-present	Research Advisory Committee Cincinnati Children’s Hospital Medical Center
2012-2017	Ohio-ACC Board of Trustees Ohio American College of Cardiology
2012-present	Chair, Pediatric Heart Failure Initiative Healthcare Accreditation Colloquium
2013-2014	Committee Member, Thesis: Allyson Sommers
2013-present	Member, Adult Care Steering Committee, Cincinnati Children’s Hospital
2013	Greater Cincinnati World Affairs Council – US Department of State International Visitor Leadership Program
2014-present	ACHD Steering Committee – Cincinnati Children’s Hospital Medical Center 2014-present American College of Cardiology Careers in Heart Failure and Transplant Work Group
2015-present	Member, Heart Institute Tissue Biorepository Steering Committee 2015-present Member, Heart Failure Society of America Development Committee Heart Failure Society of America
2016-present	Member, Careers in Heart Failure Work Group American College of Cardiology
2018-present	Member, Innovative Project Award Committee American Heart Association
2018	Mentor, American Heart Association Mentoring Program Mentee: Shahnawaz Amdani
2018	Co-Chair, Search Committee for Chief of Pulmonary Medicine/Critical Care University of Tennessee Health Science Center
2018-present	Fellowship Recruitment Committee University of Tennessee Health Science Center

2018-present	Clinical Trials Network of Tennessee (CTN2) Board of Directors
2018-present	Committee Member Memphis Institute of Regenerative Medicine
2018-2021	Member, Heart Failure and Transplant Section Leadership Council American College of Cardiology
2018	Member, Search Committee for Cardiovascular Physiology Faculty University of Tennessee Health Science Center
2019-present	Chair, Ambulatory Steering Committee, Methodist Healthcare System 2019-present Member, Tennessee American College of Cardiology Council
2019-present	Member, Innovation Section, American College of Cardiology
2019-present	Member, Cardiovascular Management Section, American College of Cardiology
2019-present	Member, Heart Failure Self-Assessment Program Performance Question Committee
2019-present	Member, Federal Cardiology Section, American College of Cardiology
2020-present	Member, Methodist Le Bonheur Healthcare System Cardiology Peer Review Committee
2020-present	Member, Clinical Trials Network of Tennessee (CTN2), Expert Board, Cardiac Failure
2020-present	Deputy Director, Heart Failure Self-Assessment Performance Question Committee
2020-2021	Interim Medical Director, Clinical Trials Network of Tennessee (CTN2)
2020-2021	Member, Clinical Trials Industry Advisory Committee University of Tennessee Health Science Center
2021-present	Member, Clinical Trials Governance Board University of Tennessee Health Science Center
2021-present	Member, Lions Club, Mid-South Chapter
2021-present	Member, Operational Strategic Plan for Research Committee, Cardio-Renal and Vascular Disease Workgroup University of Tennessee Health Science Center

2021-present	Member, Methodist Le Bonheur Healthcare System Committee for American College of Cardiology Accreditation
2021	American Heart Association Heart Walk, Top Coach
2021	American College of Cardiology, Board of Governors Book Club
2021	American College of Cardiology, Board of Governors Restrictive Covenant Work Group
2021-2023	Board Member, American Heart Association Mid-South
2021-present	Mentor, HBCU Scholars Program, American Heart Association
2021-2022	Member, SJLIFE Leadership Team
2022	Member, Childhood Cancer Survivorship Program Team
2022-present	Advisor, Cardiology Interest Group, University of Tennessee Health Science Center
2022-present	Member, American College of Cardiology, Board of Governors Advocacy Group
2022	Member, Le Bonheur Children's Hospital Research Program
2023	American College of Cardiology Board of Governors Mentorship Program
2024	American Heart Association Fellowship Cardiomyopathy Grant Program Peer Review

EDITORIAL BOARDS:

2009-present	Editorial Board Member <i>Texas Heart Institute Journal</i>
2015-present	Editorial Board Member <i>PLOS ONE</i>
2015-present	Editorial Board Member <i>Journal of Cardiac Failure</i>
2018-present	Editorial Board Member <i>Journal of the American Heart Association</i>
2019-present	Associate Editor <i>BMC Cardiovascular Disorders</i>

2019	Guest Editor <i>Journal of the American Heart Association</i>
2020-present	Editorial Board Member <i>ACC.org</i>
2020-present	Lead Editor <i>ACC.org Heart Failure and Cardiomyopathies</i>
2020	Guest Editor <i>Journal of the American College of Cardiology</i>
2020	Guest Editor <i>Journal of the American Heart Association</i>
2020-present	Editorial Board Member <i>American Journal of Cardiology</i>
2021	Guest Editor <i>Journal of the American Heart Association</i>
2021-present	Editorial Board Member <i>Journal of Cardiovascular Disease and Development</i>
2021-present	Section Board, Acquired Heart Disease <i>Journal of Cardiovascular Disease and Development</i>
2021-present	Section Board, Genetics <i>Journal of Cardiovascular Disease and Development</i>
2021-present	Section Board, Epidemiology, Lifestyle, and Cardiovascular Health <i>Journal of Cardiovascular Disease and Development</i>
2022-present	Guest Editor and Editorial Board Member <i>Journal of the American Heart Association</i>

GRANT APPLICATION REVIEWER:

2010-present	Grant Application Reviewer Barth Syndrome Foundation
2018	Grant Application Reviewer Great Ormond Street Hospital Children's Charity

STUDY SECTIONS:

- | | |
|------|---|
| 2021 | Member, American Heart Association Cardiomyopathy Fellowship Peer Review Committee |
| 2021 | Member, American Heart Association Strategically Focused Research Network (SFRN), Cardio-Oncology Basic Peer Review Committee |

ADVISORY BOARDS:

- | | |
|--------------|---|
| 2013-present | Korey Stringer Institute
Medical Advisory Board |
| 2013-present | The Dystrophic Epidermolysis Bullosa Research Association of America Medical Advisory Board |
| 2015 | Medtronic CRHF
Heart Failure Advisory Board |
| 2015-present | Barth Syndrome Foundation
International Scientific and Medical Advisory Board |
| 2024-present | Harvard Business Review
Advisory Council |

BOARD MEMBERSHIPS:

- | | |
|--------------|--------------------------------------|
| 2023-present | The Able Channel, Board of Directors |
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REGISTRY BOARDS, STUDY BOARDS, AND STUDY NETWORKS:

- | | |
|--------------|---|
| 2009-present | Steering Committee
Pediatric Cardiomyopathy Registry
Funded by NHLBI |
| 2013-present | Chronic Kidney Disease in Children Prospective Cohort Study (CKiD)
Cardiovascular Subcommittee |
| 2020-present | Cardiology Oncology Informatics Network (COIN) |

MEDICAL MONITOR:

- | | |
|-----------|---|
| 2015-2018 | Syncardia 50cc Temporary Total Artificial Heart (TAH-T) as a Bridge to Transplant (BTT) |
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SPORTS CARDIOLOGY Team Cardiologist, *Memphis Grizzlies*

Team Cardiologist, *FC 901*

Team Cardiologist, *Memphis Redbirds*

GRANTS AND STUDIES AWARDED:

Active Grants:

2023-2027

Investigator

5RO1CA261834-02

Early identification of childhood cancer survivors at high risk for late onset cardiomyopathy: An artificial intelligence approach using electrocardiography

Oguz Akbilgic (PI)

Amount: \$2,294,652

2024-2028

Investigator

5RO1HL169451

ECG-AI based prediction and phenotyping of heart failure with preserved ejection

fraction

Oguz Akbilgic (PI)

Amount: \$2,794,396

Previous Grants

2020-2023

Principal Investigator

1 UO1 CA246570-01A1

Telehealth based exercise intervention to improve functional capacity in survivors of childhood cancer with significantly limited exercise tolerance

Amount: \$2,101,865

2021-2023

Principal Investigator

Randomized controlled pivotal trial of autologous bone marrow mononuclear cells using the CardiAMP Cell Therapy system in patients with post-myocardial infarction heart failure (Cardi-AMP Heart Failure Trial)

Sponsor: BioCardia

Amount: TBD

2021-2023

Principal Investigator

Phase 3, randomized, placebo-controlled, efficacy and safety study VERU-111 for the treatment of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) in patients at high risk for acute respiratory distress syndrome (ARDS)

Sponsor: Veru

	Amount: TBD
2021-2023	Principal Investigator An exploratory, open-label, proof-of-concept, phase 2a study of mavacamten (MYK-461) in participants with heart failure with preserved ejection fraction (HFpEF) and chronic elevation of cardiac troponin I and/or NT-proBNP Sponsor: Myokardia Amount: TBD
2021-2022	Principal Investigator Myocardial infarction detection via automated EKG analysis Sponsor: HeartBeam Amount: TBD
2021-2023	Principal Investigator A double-blind, placebo-controlled, randomized, multicenter, phase 2 study assessing the safety, tolerability, and efficacy of IONIS-AGT-LRX, an antisense inhibitor of angiotensinogen production, administered subcutaneously over 12 weeks in patients with chronic heart failure with reduced ejection fraction Sponsor: Ionis Pharmaceuticals Amount: TBD
2021-2023	Investigator Tennessee Heart Health Network Sponsor: Agency for Healthcare Research and Quality (AHRQ) Amount: \$4,500,000
2021-2023	Principal Investigator A randomized, double-blind, placebo-controlled, phase 3 study comparing the efficacy and safety of tirzepatide versus placebo in patients with heart failure with preserved ejection fraction and obesity (obesity-related HFpEF) Sponsor: Eli Lilly Amount: TBD
2021	Investigator HCM Academy Education of providers across multiple specialties in the diagnosis and care of hypertrophic cardiomyopathy Sponsor: Bristol-Myers-Squibb Sponsor: Sanofi Genzyme Amount: TBD
2021-2022	Investigator Adult Congenital & Pediatric Cardiology Virtual Career Day Sponsor: American College of Cardiology Amount: \$6,000

- 2020-2023 **Principal Investigator**
1 UO1 CA246570-01A1
Telehealth based exercise intervention to improve functional capacity in survivors of childhood cancer with significantly limited exercise tolerance
Amount: \$2,101,865
- 2020-2021 **Principal Investigator**
Aquadex SmartFlow™ System for Management of Congestive Heart Failure: A Single Site Experience
Sponsor: CHF Solutions
Amount: \$6,000
- 2019-2022 **Investigator**
A Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Effects of INL1 (Trientine) in Patients with Heart Failure and Reduced Ejection Fraction
Sponsor: Innolife
Amount: \$125, 730
- 2020-2023 **Investigator**
Hemodynamic-GUIDEd Management of Heart Failure (GUIDE-HF)
Sponsor: Abbott
Amount: \$59,300
- 2020-2022 **Collaborator**
7R01HL141345-02
SCARNA Modified Induced Pluripotent Stem Cell Derived Cardiomyocytes or Exosomes Therapy for Chronic Ischemic Cardiomyopathy Patients
Amount: \$1,140,000
- 2020-2023 **Principal Investigator**
A Long Term Extension Study of Mavacamten (MYK-461) in Adults with Hypertrophic Cardiomyopathy Who Have Completed the MAVERICK-HCM (MYK-461-006) or EXPLORER-HCM (MYK-461-005) Trials (MAVA-LTE)
Sponsor: Myokardia
Amount: TBD
- 2020-2022 **Principal Investigator**
RELIEVE-HF TRIAL: REducing Lung congestIon symptoms using the v-wave shunt in adVancEd Heart Failure
Sponsor: V-Wave
Amount: TBD
- 2020-2023 **Principal Investigator**

	Algorithm Using LINQ Sensors for Evaluation and Treatment of Heart Failure (ALLEVIATE-HF) Sponsor: Medtronic Amount: TBD
2020-2022	Principal Investigator Dapagliflozin in Respiratory Failure Patients With COVID-19 (DARE-19) Sponsor: AstraZeneca Amount: TBD
2020-2021	Principal Investigator Merlin Insight Engine Sponsor: Abbott Amount: \$40,000
2020-2021	Principal Investigator Safety, Tolerability, and Efficacy of Anti-Spike (S) SARS-CoV-2 Monoclonal Antibodies for the Treatment of Ambulatory Adult Patients With COVID-19 (2067) Sponsor: Regeneron Amount: TBD
2021-2024	Principal Investigator Changes in NT-proBNP and outcomes, safety, and tolerability in HFpEF patients with acute decompensated heart failure (ADHF) who have been stabilized during hospitalization and initiated in hospital or within 30 days post discharge (PARAGLIDE-HF) Sponsor: Novartis Amount: TBD
2020-2021	Principal Investigator Study Assessing the Efficacy and Safety of Anti-Spike SARS-CoV2 Monoclonal Antibodies for Prevention of SARS-CoV2 Infection in Asymptomatic Healthy Adults and Adolescents Who Are Household Contacts to an Individual with a Positive SARS-CoV2 RT-PCR Assay Sponsor: Regeneron Amount: TBD
2021-2023	Principal Investigator An Exploratory, Open-Label, Proof of Concept, Phase 2a Study of Mavacamten in (MYK-461) in Participants With Heart Failure with Preserved Ejection Fraction (HFpEF) and Chronic Elevation of Troponin I and/or NT-ProBNP Sponsor: MyoKardia

	Amount: TBD
2020-2022	Investigator Increasing Clinician's Suspicion for TTR Amyloidosis Sponsor: Pfizer Amount: \$24, 560
2020-2022	Principal Investigator Two part (double-blind inclisiran versus placebo [Year 1] followed by open-label inclisiran [Year 2] randomized multicenter study to evaluate safety, tolerability, and efficacy of inclisiran in adolescence (12 to less than 18 years) with heterozygous familial hypercholesterolemia and elevated LDL-cholesterol (ORION-16) Sponsor: Novartis Amount: TBD
2020-2022	Principal Investigator The PQ Bypass pivotal IDE intra-arterial stent graft study for occlusive and re-stenotic fem-pop revascularization-2 (TORUS-2) Sponsor: PQ Bypass Amount: TBD
2020-2022	Principal Investigator ALN-TTR02-012 A Phase 4 Multicenter Observational Study to Evaluate the Effectiveness of Patisiran in Patients with Polyneuropathy of Hereditary Transthyretin-Mediated Amyloidosis with V122I or T60A mutation Sponsor: Alnylam Amount: TBD
2020-2021	Principal Investigator A Master Protocol Assessing the Safety and Efficacy of Anti-Spike (S) Monoclonal Antibodies for the Treatment of Ambulatory Patients with COVID-19 [Regeneron R10933-10987-COV-2067] Companion Sponsor: Regeneron Amount: TBD
2021-2023	Principal Investigator An Open Label Exploratory Study of Oral MYK-491 in Stable Ambulatory Patients with Primary Dilated Cardiomyopathy Due to Either MYH7 or TTN Variants Sponsor: Myokardia Amount: TBD
2021-2023	Principal Investigator Expanded Access Treatment with Open-Label Pegunigalsidase Alfa for Fabry Patients

- Sponsor: Chiesi
Amount: TBD
- 2000-2001 **Principal Investigator**
Quality of Life and Social Outcomes of Adults with
Congenital Heart Disease
Sponsor: Crippled Children's Network / Amount: \$5,000
- 2003-2005 **Principal Investigator**
The Use of Nesiritide in the Pediatric Heart Failure Population
Sponsor: Scios, Inc. / Amount: \$35,000
- 2006-2008 **Principal Investigator**
A Case History, International, Multicenter Trial to Evaluate the Efficacy and
Safety of Cardiolite Myocardial Perfusion Imaging in Pediatrics Patients with
Kawasaki Disease
Sponsor: Bristol-Myers Squibb
- 2006-2008 **Investigator**
Reduction of Events with Darbepoetin Alfa in Heart Failure Trial
Sponsor: Amgen
- 2006-2010 **Primary Site Investigator**
Trial of Beta Blocker Therapy vs Angiotensin II Receptor Blocker Therapy in
Individuals with Marfan Syndrome
Sponsor: Pediatric Heart Network
Amount: \$50,000/year
- 2007-2010 **Investigator**
International Randomized Double Blind Clinical Study Evaluating the Efficacy
and Safety of Clopidogrel 0.2 mg/kg Once Daily Versus Placebo in Neonates
and Infants with Cyanotic Congenital Heart Disease Palliated with a
Systemic-to-Pulmonary Artery Shunt (e.g. Modified Blalock Taussig Shunt)
- 2007-2010 **Recipient**
American College of Cardiology
ACCF/Pfizer Research Award
Amount: \$65,000/year (\$195,000 total)
- 2007-2008 **Recipient**
Thrasher New Researcher
Award Amount: \$26,750
- 2009-2010 Pediatric Cardiomyopathy Registry Cohort Study; NIH/NHLBI; R01 HL53392-15
Primary Institution: University of Miami
Principal Investigator: Steven Lipshultz, MD
Subcontract Principal Investigator: John Lynn Jefferies, MD, MPH
\$40,000 Direct/\$61,400

Total June 1, 2009-May 31,
2010

2009-2010

Primary Investigator

Observational Pilot Study among children hospitalized for acute heart failure syndrome (AHFS) with volume overload secondary to cardiovascular etiology or due to post-operative volume-overload (POVO) following cardiopulmonary bypass (CPB) for surgical repair of a congenital heart defect.

Sponsor: Merck, Inc.

Amount: \$57,635

2009-2010

Investigator

National Registry of genetically triggered thoracic aortic aneurysms and cardiovascular conditions (GENTAC)

2012-2013

Recipient

Pediatric Heart Failure Fellowship Funding Support

Funding in the amount of \$15,000.00

The Medtronic Grants and Donations Committee

2012-2016

Investigator – 10% Support

Title of Project: Cardiac Biomarkers in Pediatric

Cardiomyopathy 1 R01 HL109090-01

Principal Investigator: Steven Lipshultz, M.D.

The major goal of this project is to identify clinically relevant biomarkers in children with Cardiomyopathies and determine the predictability of outcome.

\$7,235,569.00 Total

July 2012-June 2016

2013-2016

Primary Site Investigator

Otsuka 156-08-276 A Phase 3b, Multicenter, Open-label, Randomized Withdrawal Trial of the Effects of Titrated Oral SAMSCA® (Tolvaptan) on Serum Sodium, Pharmacokinetics, and Safety in Children and Adolescent Subjects Hospitalized With Euvolemic or Hypervolemic Hyponatremia

2013-2016

Primary Site Investigator

Otsuka 156-11-294 A Phase 3b, Multicenter, Extension Follow-up Trial to Evaluate the Long-term Safety of Children and Adolescent Subjects With Euvolemic or Hypervolemic Hyponatremia Who Have Previously Participated in a Trial of Titrated Oral SAMSCA ® (Tolvaptan)

2013-2014

Recipient

Pediatric Heart Failure Fellowship Funding Support

Funding in the amount of \$15,000.00

The Medtronic Grants and Donations Committee

- 2014-2016 **Investigator**
Phase II randomized, placebo-controlled, double blind clinical trial of valsartan for attenuating disease evolution in early sarcomeric HCM
- 2014-2016 **Co-Investigator**
Genzyme: A Phase 4, open, label, prospective study in patients with Pompe Disease to evaluate the efficacy and safety of Alglucosidase Alfa produced at the 4000 L Scale
- 2014-2016 **Co-Investigator**
GENZYME: A Phase 3/4, Prospective, Multinational, Open-label, Noninferiority Study of Alglucosidase Alfa Manufactured at the 160 L and 4000 L Scales in Treatment Naïve Patients with Infantile-Onset Pompe Disease
- 2014-2016 **Co-Investigator**
Genzyme: A Cross-sectional Study of Renal Function in Treatment-naïve, Young Male Patients with Fabry Disease
- 2014-2016 **Co-Investigator**
Genzyme: Characterization Of Coronary Artery Disease In Individuals With Mucopolysaccharidoses
- 2013-2016 **Site Investigator**
NIH-NHLBI RO1 HL111459-01
Principal Investigator, Carolyn Ho, M.D.
“HCMNet2: Using Genetics for Early Phenotyping and Prevention of HCM”
\$11,304,199 (Total)
September 1, 2012-August 31, 2016
- 2014-2016 **Site Investigator – 10% support**
NIH-NHLBI RO1 HL111459-01
Principal Investigator, Stephen E. Lipshultz, M.D.
“Genotype-Phenotype Associations in Pediatric Cardiomyopathies”.
\$11,304,199 (Total)
September 1, 2012-August 31, 2016
- 2015-2017 **Principal Investigator**
“Use of Handheld Technology to Enhance Patient Cardiac Care: Development and Assessment of Portable Device Applications to Improve Communication and Resource Utilization in Pediatric Cardiomyopathy”
Children’s Heart Association of Cincinnati
\$20,000.00
October 1, 2015-November 1, 2017
- 2014-2016 **Co-Investigator**
Novartis
Multicenter, open-label, dose escalation study to evaluate safety,

tolerability, and pharmacokinetics of RLX030 in addition to standard of care in pediatric patients from birth to <18 years of age, hospitalized with acute heart failure.

2016-2017

Mentor and Senior Investigator

Primary Investigator: Hunter Wilson, M.D.

Characterization of the Early Cardiac Phenotype in Anderson-Fabry Disease

American Academy of Pediatrics

\$3,000.00

December 1, 2016-June 30, 2017

2016-2017

Mentor and Senior Investigator

Primary Investigator: Hunter Wilson, M.D.

Characterization of the Early Cardiac Phenotype in Anderson-Fabry Disease

Cincinnati Children's Research Fund

\$2,000.00

December 1, 2016-June 30, 2017

2017

Senior Investigator

Treatment of non-ambulatory boys and young men with Duchenne muscular dystrophy (DMD) and with resultant respiratory and cardiac dysfunction and skeletal muscle weakness with 5 mg/kg of P-188 NF (Carmaseal-MD™)

Sponsor: Phrixus

\$472,728

August 1, 2017-Aug1, 2019

2015-2017

Principal Investigator

A Randomized, Open-label Study of the Safety and Efficacy of Multi-Vessel Intracoronary Delivery of Allogeneic Cardiosphere-Derived Cells in Patients with Cardiomyopathy Secondary to Duchenne Muscular Dystrophy [HOPE-Duchenne (Halt cardiomyOPathyprogrESSION in Duchenne)]

Sponsor: Capricor

Amount: \$510,000

August 18, 2015-August 17, 2017

2015-2018

Principal Investigator

SHaRe: The Sarcomeric Human Cardiomyopathies Registry Charter

Sponsor: Myokardia

Amount: \$100,000

December 1, 2015-November 30, 2018

2012-2018

Investigator

Title of Project: Cardiac Biomarkers in Pediatric

Cardiomyopathy 1 R01 HL109090-01

Principal Investigator: Steven Lipshultz, M.D.

\$7,235,569.00 Total

July 2012-December 2018

- 2013-2018 **Principal Investigator**
Continuous Arrhythmia Monitoring in Patients With Left Ventricular Noncompaction
Sponsor: Medtronic
Amount: \$50,000
February 1, 2013-December 31, 2018
- 2013-2018 **Investigator**
NIH-NHLBI RO1 HL111459-01
Principal Investigator, Carolyn Ho, M.D.
HCMNet2: Using Genetics for Early Phenotyping and Prevention of HCM
\$11,304,199 (Total)
September 2012-August 2018
- 2015-2018 **Principal Investigator**
A Double-Blind, Placebo-Controlled, Multicenter Study with an Open-Label Extension to Evaluate the Efficacy and Safety of SRP-4045 and SRP-4053 in Patients with Duchenne Muscular Dystrophy
Sponsor: Sarepta
Amount: \$291,207.00
October 14, 2015-October 13, 2018
- 2016-2018 **Principal Investigator**
Assessment of Quality of Life, Anxiety, and Depression in Barth Syndrome: Expanding the Scope of Comprehensive Care
Sponsor: Barth Syndrome Foundation
Amount: \$38,730
April 2016-December 2018
- 2017-2020 **Principal Investigator**
Multicenter, open-label, study to evaluate safety, tolerability, pharmacokinetics and, pharmacodynamics of LCZ696 followed by a 52-week randomized, double-blind, parallel group, active-controlled study to evaluate the efficacy and safety of LCZ696 compared with enalapril in pediatric patients from 1 month to < 18 years of age with heart failure due to systemic left ventricle systolic dysfunction.
Sponsor: Novartis
Amount: \$189,951.00
August 2017-September 2020
- 2017-2018 **Principal Investigator**
Evaluation of Clinical Outcome Assessments for Pediatric Heart Failure: Patient Interviews
Sponsor: Novartis
Amount: \$14,952

January 25, 2017-December 2018

2018-2020

Investigator

Clinical study to evaluate mavacamten (MYK-461) in adults with symptomatic obstructive hypertrophic cardiomyopathy (EXPLORER-HCM)

Sponsor: Myokardia

Amount: \$375,000

November 2018-December 2020

2017-2020

Principal Investigator

An exploratory, open-label study to assess the effect of P-188 NF (Carmeseal-MDTM) on safety, on respiratory and cardiac dysfunction and on upper body strength in non-ambulatory patients with Duchenne muscular dystrophy (DMD)

Phrixus Pharmaceuticals, Inc.

Amount: \$998,000

July 2018-December 2020

ADVANCED HEART FAILURE AND TRANSPLANT TRAINEES:

2006-2007

Joseph Rossano, M.D.
Chief of Cardiology, Co-Director Cardiac
Center Children's Hospital of Philadelphia
Philadelphia, Pennsylvania

2008-2009

Ivan Wilmot, M.D.
Faculty, Heart Failure and Cardiac
Transplantation Pediatric Cardiology Fellowship
Director Cincinnati Children's Hospital medical
Center Cincinnati, Ohio

2009-2010

Sabrina Law, M.D.
Faculty, Heart Failure and Cardiac
Transplantation Seattle Children's Hospital
Seattle, Washington

2012-2013

Thomas Ryan, M.D., PhD.
Faculty, Heart Failure and Cardiac
Transplantation Cincinnati Children's Hospital
Medical Center Cincinnati, Ohio

2013-2014

John Parent, M.D.
Faculty, Heart Failure and Cardiac
Transplantation Riley Children's Hospital
Indianapolis, IN

2013-2014

Tamara Thomas Bradford, M.D.

	Faculty, Heart Failure and Cardiac Transplantation Louisiana State University Health New Orleans, LA
2013-2014	Chet Villa, M.D. Faculty, Heart Failure and Cardiac Transplantation Cincinnati Children's Hospital Medical Center Cincinnati, Ohio
2015	Jacob Mathew, M.D. Faculty, Paediatric Cardiology The Royal Children's Hospital Melbourne Melbourne, Australia
2015-2016	Sairah Khan, M.D. Faculty, Heart Failure and Cardiac Transplantation Children's National Washington, DC
2016-2017	Michelle Ploutz, M.D. Advanced Fellow, Heart Failure and Cardiac Transplantation University of Utah Salt Lake City, UT
2016-2017	Bethany Wisotzkey, M.D. Advanced Fellow, Heart Failure and Cardiac Transplantation Phoenix Children's Hospital Phoenix, AZ
2017-2018	Samuel Wittekind, M.D. Faculty, Heart Failure and Cardiac Transplantation Cincinnati Children's Hospital Medical Center Cincinnati, OH
2017-2018	Hugo Martinez, M.D. Faculty, Heart Failure and Cardiac Transplantation Le Bonheur Children's Hospital, University of Tennessee Health Science Center Memphis, TN

RESEARCH MENTORING:

2014	John Shabosky Medical Student Scholars in Child and Adolescent Health Summer Research Scholarship \$2,500
2011-2012	Jaime Echarte-Gonzalez, M.D.

Fellow, Pediatric
Gastroenterology

Fellow, Pediatric Hepatology
Cincinnati Children's Hospital Medical Center

2012-2014 Ahmad Kaddourah, M.D., M.S.

Fellow, Pediatric Nephrology

Fellow, Acute Care Nephrology
Cincinnati Children's Hospital Medical Center

2015-2016 Jaime Silva-Gburek, M.D.

Resident, General Pediatrics
Cincinnati Children's Hospital Medical Center

2016 Randa Newman

Genetic Counselor Graduate Student
University of Cincinnati

2016 Clifford J Chin

Summer Undergraduate Research Fellowship
Student, Washington University, St. Louis,
MO
Research Site: Cincinnati Children's Hospital Medical Center

Project: Sleep Disordered Breathing in Patients With Cardiomyopathy

2016 Hayley Jaeger

Student Achievement in Research and Scholarship (STARS)
University of Cincinnati
Research Site: Cincinnati Children's Hospital Medical Center

2016 Destini Thomas-Hayes

Student Achievement in Research and Scholarship (STARS)
University of Cincinnati
Research Site: Cincinnati Children's Hospital Medical Center

2016 Destini Thomas-Hayes

Ronald E. McNair Postbaccalaureate Achievement Program

- University of Cincinnati
Research Site: Cincinnati Children's Hospital Medical Center
Project: Sleep Disordered Breathing in Patients With Cardiomyopathy
- 2017 Hunter Wilson, MD
- Resident, Cincinnati Children's Hospital Medical Center
Research Site, Cincinnati Children's Hospital Medical Center
- Project: Characterization of the Early Cardiac Phenotype in Anderson-Fabry Disease
- 2019 Amit Nanda, MD
- Resident, University of Tennessee Health Science Center
Research Site, University of Tennessee Health Science Center
- Project: Right Heart Mass in Transit with a Hemorrhagic Pericardial Effusion: A Diagnostic Dilemma
- Project: The Paradoxical Impact of Insurance Status on Interfacility Transfer Times and Outcomes in Patients with ST-Elevation Myocardial Infarction
- Project: A Comparative Analysis of Mitraclip Versus Mitral Valve-In-Valve Replacement for High-Risk Patients with Severe Mitral Regurgitation After Transcatheter Aortic Valve Replacement
- 2019 Joel M Raja, MD
- Resident, University of Tennessee Health Science Center
Research Site, University of Tennessee Health Science Center
- Project: Etripamil: Intranasal Calcium Channel Blocker: A Novel Noninvasive Modality in the Treatment of Paroxysmal Supraventricular Tachycardia
- 2020 Aranyak Rawal., MD
- Resident, University of Tennessee Health Science Center
Research Site, University of Tennessee Health Science Center
- Project: Arrhythmogenic Ventricular Cardiomyopathy (AVC): Challenges with Complex Genetics and Variable Phenotypes

Project: Aquadex SmartFlow™ System for Management of Congestive Heart Failure: A Single Site Experience

Project: Utilization of Automated EKG Interpretation Tool (HeartBeam iCardiologist Technology) in Detecting Acute Coronary Syndrome (ACS) in Patients with Chest Pain in the Emergency Department

2020

Miquel Angel Maturana Gonzalez, MD

Resident, University of Tennessee Health Science Center
Research Site, University of Tennessee Health Science Center

Project: Utilization of Automated EKG Interpretation Tool (HeartBeam iCardiologist Technology) in Detecting Acute Coronary Syndrome (ACS) in Patients with Chest Pain in the Emergency Department

2020

Kristina Mouksian, MD

Resident, University of Tennessee Health Science Center
Research Site, University of Tennessee Health Science Center

Project: Utilization of Automated EKG Interpretation Tool (HeartBeam iCardiologist Technology) in Detecting Acute Coronary Syndrome (ACS) in Patients with Chest Pain in the Emergency Department

Project: Amyloidosis: A Novel TTR Mutation Found in an Asian Female

2020

Cody Gubin

Research Assistant
Research Site, University of Tennessee Health Science Center

Project: Aquadex SmartFlow™ System for Management of Congestive Heart Failure: A Single Site Experience

2020-present

Abdul Aziz Asbeutah, MD

Resident, University of Tennessee Health Science Center
Research Site, University of Tennessee Health Science Center

Project: Incidence of Liver Cirrhosis Among Patients with a Fontan Circulation: A Systematic Review of the Literature and Meta-Analysis

2020-present	Amber Thacker, MD Medical Director of Hospital Medicine, Regional One Health Assistant Professor, Internal Medicine and Pediatrics, University of Tennessee Health Science Center Internal Medicine Residency Program Site Director, Regional One Health
2021-present	Eva Ingram, MD Resident, University of Tennessee Health Science Center Research Site, University of Tennessee Health Science Center
2021-present	Brianna Taylor Undergraduate Student, LeMoyne Owen College American Heart Association HBCU Scholars Program Project: Lymphedema in Fabry Disease
2021-present	Jaylynn Lanier Undergraduate Student, LeMoyne Owen College American Heart Association HBCU Scholars Program Project: Psychological Symptoms and Physical Limitations Among Patients with Hypertrophic Cardiomyopathy
2021-present	Jessica Pender Undergraduate Student, LeMoyne Owen College American Heart Association HBCU Scholars Program Project: Assessment of Quality of Life in Barth Syndrome
2021-present	Nelson Mukuka Undergraduate Student, LeMoyne Owen College American Heart Association HBCU Scholars Program Project: Myocardial Infarction Detection by Automated EKG Analysis
2021-present	David Wilbanks, MD Internal Medicine Resident University of Tennessee Health Science Center Research Site, University of Tennessee Health Science Center Project: Psychological symptoms and physical limitations with

hypertrophic cardiomyopathy.

INVITED PRESENTATIONS:

1. "Quality of Life and Social Outcomes in Adults with Congenital Heart Disease." Southern Society of General Internal Medicine. New Orleans, Louisiana. April 2001.
2. "Outcomes in Adult Congenital Heart Disease." Irish American Pediatric Society Annual Meeting, Lexington, Kentucky. October 2001.
3. "Preexcitation." Texas Heart Institute Noon Conference. St. Luke's Episcopal Hospital. Houston, Texas. March 2002.
4. "Myocardial Infarction." Pediatric Cardiology Lecture Series. Texas Children's Hospital. Houston, Texas. June 2002.
5. "Electrocardiographic Changes Due to Chest Trauma, Central Nervous System Injury and Hypothermia." Texas Heart Institute Noon Conference. St. Luke's Episcopal Hospital. Houston, Texas. April 2002.
6. "Heart Failure Guidelines." Texas Heart Institute Noon Conference. St. Luke's Episcopal Hospital. Houston, Texas. March 2003.
7. "Aortopulmonary Shunts: Indications and Associated Morbidity." Pediatric Cardiology Lecture Series. Texas Children's Hospital. Houston, Texas. June 2003.
8. "Pediatric Arrhythmias." Texas Heart Institute Noon Conference. St. Luke's Episcopal Hospital. Houston, Texas. March 2004.
9. "Natriuretic Peptides in the Diagnosis and Management of Pediatric Heart Failure." Pediatric Critical Care Lecture Series. Texas Children's Hospital. Houston, Texas. October 2004.
10. "Acute Coronary Syndromes." Pediatric Cardiology Lecture Series. Texas Children's Hospital. Houston, Texas. December 2004.
11. "Renal Artery Stenosis: Treatment Option." Combined Peripheral Vascular Conference. Texas Heart Institute. St. Luke's Episcopal Hospital. Houston, Texas. January 2005.
12. "Interventions in Lower Extremity Peripheral Arterial Disease: The Possible Role of Cryoplasty." Combined Peripheral Vascular Conference. Texas Heart Institute. St. Luke's Episcopal Hospital. Houston, Texas. February 2005.
13. "Women and Heart Disease: Diagnosis and Prevention." National Council of Jewish Women Greater Houston Section, Congregation Beth Israel Sisterhood. Congregation Beth Israel. Houston, Texas. February 2005.
14. "Percutaneous Therapy for Popliteal Aneurysms." Combined Peripheral Vascular Conference.

Texas Heart Institute. St. Luke's Episcopal Hospital. Houston, Texas. March 2005.

15. "Nuclear Medicine: The Basics." Non-Invasive Imaging Conference. Texas Children's Hospital. Houston, Texas. April 2005.
16. "The Use of Cryoplasty in Peripheral Interventions: Part I." Concepts in Contemporary-Cardiology Symposium. Houston, Texas. April 2005.
17. "The Use of Cryoplasty in Peripheral Interventions: Part II." Concepts in Contemporary Cardiology Symposium. Houston, Texas. April 2005.
18. "Pediatric Experience with Nesiritide." Pediatric Cardiology Continuing Education, Mayo Clinic. Rochester, Minnesota. May 2005.
19. "Safety of Nuclear Imaging in Pediatrics." Texas Heart Institute. St. Luke's Episcopal Hospital. Houston, Texas. June 2005.
20. "Diagnosis and Treatment of Myocardial Ischemia in Children." Texas Children's Hospital. Houston, Texas. August 2005.
21. "Localization of Dendritic Cells and Monocytes to the Graft Matrix of Polytetrafluoroethylene Grafts Used in the Palliation of Cyanotic Heart Defects." Irish and American International Pediatric Society Meeting. Philadelphia, Pennsylvania. September 2005.
22. "The Initial Use of Nesiritide in the Pediatric Population." Irish and American International Pediatric Society Meeting. Philadelphia, Pennsylvania. September 2005,
23. "Cardiovascular Genetics: From Bench to Bedside." Invited Lecture, Visiting Professor. University of Kentucky. Lexington, Kentucky. October 2005.
24. "Dystrophinopathies." Invited Lecture, Vanderbilt University. Nashville, Tennessee. November 2005.
25. "Cardiovascular Genetics." Invited Lecture, Cardiology Noon Conference. University of Pennsylvania. Philadelphia, Pennsylvania. January 2006.
26. "The Use of Nesiritide at the Texas Children's Hospital." Invited Lecture, Cardiology 2006: Ninth Annual Update on Pediatric Cardiovascular Disease by Children's Hospital of Philadelphia. Scottsdale, Arizona. February 2006.
27. "Heart Failure Management: New Pharmacologies in the Congenital Armamentarium." Invited Lecture, American College of Cardiology. Atlanta, Georgia. March 2006.
28. "Congenital Echocardiography." Texas Heart Institute Noon Conference, St. Luke's Episcopal Hospital. Houston, Texas. April 2006.
29. "Pharmacotherapy for Heart Failure." Noon Conference, Texas Children's Hospital. Houston, Texas. September 2006.

30. "The Genetics of Pediatric Cardiomyopathy." Invited Lecture, Ospedale Pediatrico Bambino Gesù. Rome, Italy. September 2006.
31. "Neurohormonal Axis and Use of Natriuretic Peptides." Invited Lecture, The Second International Conference on Heart Failure in Children and Young Adults. Laguna Niguel, California. November 2006.
32. "Novel Medical Therapies for Pediatric Heart Failure." Invited Lecture, Idiopathic and Primary Cardiomyopathy in Children: Research Directions and Strategies Conference. Bethesda, Maryland. January 2007.
33. "Neurodevelopmental Outcomes in Congenital Heart Disease." Neonatology Noon Conference, Texas Children's Hospital. Houston, Texas. March 2007.
34. "Indications for Surgery for Congenital Aortic Stenosis: Children Versus Young Adults." Invited Lecture, American College of Cardiology. New Orleans, Louisiana. March 2007.
35. "Choosing an Academic Mentor." Invited Lecture, American College of Cardiology. New Orleans, Louisiana. March 2007.
36. "Managing Cardiac Disease in Muscular Dystrophy." Muscular Dystrophy Association Seminar. Houston, Texas. April 2007.
37. "Debate: Current Heart Failure Guidelines Should Apply to Adult Congenital Heart Disease Patients: Proponent." Invited Young Investigator, Philadelphia Adult Congenital Heart Disease Conference. Philadelphia, Pennsylvania. June 2007.
38. "Cardiovascular Genetics: From Bench to Bedside." Invited Lecture, Acute Care for the Primary Care Practitioner Conference. Hilton Head Island, South Carolina. June 2007.
39. "Recognition and Treatment of Heart Failure in Pediatrics." Invited Lecture, Acute Care for the Primary Care Practitioner Conference. Hilton Head Island, South Carolina. June 2007.
40. "Neurodevelopmental Outcomes in Patients with Congenital Heart Disease." Invited Lecture, Acute Care for the Primary Care Practitioner Conference. Hilton Head Island, South Carolina. June 2007.
41. "Mental Health Issues in Patients with Muscular Dystrophy." The Irish American Paediatric Society Annual Meeting. Memphis, Tennessee. September 2007.
42. "Cardiac Transplantation." Pediatric Critical Care Medicine Noon Conference, Texas Children's Hospital. Houston, Texas. January 2008.
43. "Heart Failure." X Congresso Interamericano de Pediatria. Mexico City, Mexico. January 2008.
44. "Whatever Happened to My Adolescent Patient with Congenital Heart Disease: Transitioning to the Adult Cardiology Service." Invited Lecture, The 30th Annual Pediatric Postgraduate Symposium, Omni Hotel. Houston, Texas. April 2008.

45. "Cardiac Disease in Muscular Dystrophy." Invited Lecture, Muscular Dystrophy Association Meeting. Houston, Texas. April 2008.
46. "Update on Myocarditis in Children: Unanswered Questions." Invited Lecture, Scientific Basis of Heart Failure in Children Meeting. Estes Park, Colorado. May 2008.
47. "Novel Biomarkers in CHF." Invited Lecture, Cardiology 2009-12th Annual Update on Pediatric Cardiovascular Disease. Nassau, Bahamas. February 2009.
48. "Echocardiographic Findings in Children with Obstructive Sleep Apnea." Invited Lecture, Cardiology 2009-12th Annual Update on Pediatric Cardiovascular Disease. Nassau, Bahamas. February 2009.
49. "Hypertrophic Cardiomyopathy." Noon Conference, Texas Children's Hospital. Houston, Texas. February, 2009.
50. "Living with Congenital Heart Disease." Invited Lecture, Evening with Genetics, Natural Science Museum. Houston, Texas. February 2009.
51. "Chest Pain in the Pediatric Patient: When to be Concerned." Invited Lecture, Baylor College of Medicine Primary Care Pediatric Course, Hilton Oceanfront Resort. Hilton Head Island, South Carolina. June 2009.
52. "Recognition of Cardiovascular Disease in Pediatrics: Things Not to Miss." Invited Lecture, Baylor College of Medicine Primary Care Pediatric Course, Hilton Oceanfront Resort. Hilton Head Island, South Carolina. June 2009.
53. "Cardiovascular Findings in Williams Syndrome." Invited Lecture, National Williams Syndrome Conference. Houston, Texas. August 2009.
54. "Understanding the Variability in Noonan, Cardio-Facio-Cutaneous, and Costello Syndromes." Invited Lecture, Evening with Genetics, Natural Science Museum. Houston, Texas. September 2009.
55. "Steroids in Myocarditis." Invited Lecture, American Academy of Pediatrics, National Conference and Exhibition. Washington D.C. October 2009.
56. "Extracardiac Management of the ECLS Patient." ECMO Training Program, Texas Children's Hospital. Houston, Texas. November 2009.
57. "Outcome and Risk Stratification for Children with Left Ventricular Noncompaction: Findings from the Pediatric Cardiomyopathy Registry." Scientific Sessions, American Heart Association. Orlando, Florida, November 2009.
58. "How to Find a Job." Fellows in Training Lecture Series, American College of Cardiology. Atlanta, Georgia. March 2010.
59. "The Cardiovascular, Genetic, and Therapeutic Implications of Muscular Dystrophy." Feigin

Research Seminar, Texas Children's Hospital. Houston, Texas. March 2010.

60. "Cardiovascular Findings in Potocki-Lupski Syndrome." Plenary Session, American College of Medical Genetics. Albuquerque, New Mexico. March 2010.
61. "Aortic Disease in Pediatrics." Pediatric Congress of Guatemala. Guatemala City, Guatemala. April 2010.
62. "Cardiomyopathy Management in the Pediatric Intensive Care Unit." Pediatric Congress of Guatemala. Guatemala City, Guatemala. April 2010.
63. "Outcome and Risk Stratification for Children with Left Ventricular Noncompaction: Findings from the Pediatric Cardiomyopathy Registry." 2nd International Cardiomyopathy in Children Workshop. Bethesda, Maryland. May 2010.
64. "Left Ventricular Noncompaction: The Other Cardiomyopathy." Texas Heart Institute Grand Rounds, St. Luke's Episcopal Hospital. Houston, Texas. May 2010.
65. "Cardiomyopathy in Barth Syndrome." Barth Syndrome Foundation International Conference. Orlando, Florida. July 2010.
66. "Use of 2-D based strain for surveillance of chemotherapeutic induced cardiotoxicity in a pediatric population." Cancer and the Heart International Conference. Houston, Texas. November 2010.
67. "14 year old male with osteosarcoma." Cancer and the Heart International Conference. Houston, Texas. November 2010.
68. "Diagnosis and Management of Pediatric Heart Failure." Pediatric Grand Rounds, East Tennessee Children's Hospital. Knoxville, Tennessee. January 2011.
69. "Infections in Heart Failure." Division of Infectious Diseases Faculty Meeting, Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. January 2011.
70. "Chemotherapy-Induced Cardiotoxicity: Existing and Future Diagnostic and Therapeutic Strategies." Oncology Grand Rounds, Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. February 2011.
71. "Cardio Renal Syndrome: It's Time to Use Biomarkers." CRRT International Conference on Continuous Renal Replacement Therapies. San Diego, California. February 2011.
72. "Single Gene Disorders in Congenital Heart Disease." USCAP 2011 Annual Meeting, United States and Canadian Academy of Pathology. San Antonio, Texas. February 2011.
73. "How I Found the Right Mentor." ACC.11 American College of Cardiology, Career and Mentoring Session for Pediatric and Congenital Cardiologists. New Orleans, Louisiana. April 2011.
74. "Left Ventricular Cardiomyopathy: Current Diagnostic and Therapeutic Strategies." Heart Institute Grand Rounds, Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. April 2011.

75. "Heart Failure/VAD's." CICU Education Blitz 2011, Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. April 2011.
76. "Genetic Factors and Thoracic Aortic Disease." Thoracic aortic Disease Symposium, Bethesda North Hospital. Cincinnati, Ohio. April 2011.
77. "Genetically Triggered Aortopathies." Emerging Topics in Clinical Genomics Lecture Series, University of Cincinnati Genetic Counseling Graduate Program, Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. April 2011.
78. "Left Ventricular Noncompaction: The Other Cardiomyopathy." Grand Rounds, Henry Ford Health System. Detroit, Michigan. May 2011.
79. "The Genetics of Cardiomyopathy: From Bench to Bedside." Grand Rounds, Central Baptist Hospital. Lexington, Kentucky. July 2011.
80. "Heart Transplantation in Children." Heart Failure in Children Session, Fourth International Branislav "Brano" Radovancevic Heart Failure Forum. Belgrade, Serbia. September 2011.
81. "The Role of the Cardiovascular Genetics Service in the Heart Institute." Cincinnati Children's Hospital Medical Center, Grand Rounds. Cincinnati, Ohio. October 2011.
82. "The Heart & Genetics of the Heart." Team Taught Course for Graduate Students in Molecular & Developmental Biology and Disease Course Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. February 2012.
83. "The Cardiomyopathies-From Bench to Bedside." Pediatrics Grand Rounds, University of Kentucky. Lexington, Kentucky. February 2012.
84. "Career & Mentoring Session for Pediatric and Congenital Cardiologist Chair." ACC.12 61st Annual Scientific Session and Expo. Chicago, Illinois. March 2012.
85. "How I Found the Right Mentor." ACC.12 61st Annual Scientific Session and Expo. Chicago, Illinois. March 2012.
86. "Pediatric Heart Failure: Diagnosis and Management." Cincinnati Children's Hospital Medical Center, CICU Educational Blitz. Cincinnati, Ohio. April 2012.
87. "Transition of Congenital Heart Disease (CHD) Patients to Adulthood." 2012 Conference, Advances in the Management of Oncology, SCT, and Solid Organ Transplant Patients, OptumHealth Education. Scottsdale, Arizona. April 2012.
88. "Transition of Congenital Heart Disease (CHD) Patients to Adulthood." Cincinnati Children's Hospital Medical Center, Pediatric Cardiology Grand Rounds. Cincinnati, Ohio. May 2012.
89. "The Genetics of Cardiomyopathy Impacts on Clinical Practice." The Healthcare

Accreditation Colloquium Webinar, August 2012.

90. "Diagnosis and Management of Heart Failure in the Pediatric Population." 2012 Cardiovascular Ultrasound Fall Conference, Cincinnati, Ohio, September 2012.
91. "Cardiorenal Syndromes – Heart Failure." 1st International Symposium on AKI in Children at the 7th Int'l Conference on Pediatric CRRT. Cincinnati, Ohio. September 2012.
92. "Cardiorenal Syndromes – Treatment Strategies for ADHF associated AKI." 1st International Symposium on AKI in Children at the 7th Int'l Conference on Pediatric CRRT. Cincinnati, Ohio. September 2012.
93. "Advanced Therapy for Heart Failure" Berlin Heart EXCOR® Pediatric Training Seminar, Cincinnati Children's Medical Center. Cincinnati, Ohio. October 2012.
94. "Long Term Support and Management." Berlin Heart EXCOR® Pediatric Training Seminar, Cincinnati Children's Medical Center. Cincinnati, Ohio. October 2012.
95. "Interactive Round Table Discussions and Case Presentations." Berlin Heart EXCOR® Pediatric Training Seminar, Cincinnati Children's Medical Center. Cincinnati, Ohio. October 2012.
96. "The Importance of Genetic Testing in Heart Failure and Rhythm Disturbances." Friday morning Cardiology Conference, Sharp Memorial Hospital. San Diego, California. October 2012.
97. "What Therapies Should We Be Stealing From Our Adult Colleagues." The Pediatric Cardiac Intensive Care Society. Miami, Florida. December 2012.
98. "Medical Management of End Stage Heart Failure." The Pediatric Cardiac Intensive Care Society. Miami, Florida. December 2012.
99. "Chronic Heart Failure Treatment in Children." 5th International Course on Pediatrics, Hospital Angeles Puebla, Hospital Angeles PHO and the State of Puebla College of Pediatrics. Puebla, Mexico. February 2013.
100. "Advanced Therapies for Heart Failure." 5th International Course on Pediatrics, Hospital Angeles Puebla, Hospital Angeles PHO and the State of Puebla College of Pediatrics. Puebla, Mexico. February 2013.
101. "Etiologic Diagnosis of Cardiomyopathies." 5th International Course on Pediatrics, Hospital Angeles Puebla, Hospital Angeles PHO and the State of Puebla College of Pediatrics. Puebla, Mexico. February 2013.
102. "The Genetics of Cardiomyopathic Disease." Grand Rounds LSU Health New Orleans Health Sciences Center. New Orleans, Louisiana. February 2013.
103. "Myocarditis." PICU Fellow Lecture, Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. February 2013.

104. "Left Ventricular Noncompaction." Heart Institute Grand Rounds Presentation Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. May 2013.
105. "Restrictive Cardiomyopathy – To Transplant or Manage Medically, the Great Debate." Heart Failure/Transplant Educational Conference, Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. June 2013.
106. "Utilization of Genetic Testing in Clinical Practice." Colloquium Site Visit, The Children's Hospital of Philadelphia. Philadelphia, Pennsylvania. September 2013.
107. "Bridge to Transplant or Destination Therapy – Is there a better strategy." Heart Failure Society of America 17th Annual Scientific Meeting. Orlando, Florida. September 2013.
108. "Decongesting with Ultrafiltration." Pediatric Heart Failure Summit. Houston, Texas. October 2013.
109. "Early and Preventive Treatment of Heart Failure Associated with Neuromuscular Disorders." Scientific Session, American Heart Association. Dallas, Texas. November 2013.
110. "Cardio-Oncology: The Importance of the Heart in the Care of Cancer Patients." Faculty Research CrossTalk, Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. December 2013.
111. "Ruboxistaurin." THE CHOC Heart Institute, Congenital Cardiology Group (CCG) Innovation Summit 2014. Dana Point, California. January 2014.
112. "Genetic Causes of Cardiomyopathy." Arab Health Congress, 7th Middle East Pediatrics Conference. Dubai, UAE. January 2014.
113. "Advanced Therapy for Heart Failure Including Ventricular Assist Devices." Arab Health Congress, 6th Middle East Cardiovascular Disease and Intervention Conference. Dubai, UAE. January 2014.
114. "Evaluating the Severity of AS/AI; When to Consider Surgery." Arab Health Congress, 6th Middle East Cardiovascular Disease and Intervention Conference. Dubai, UAE. January 2014.
115. "Heart Failure/Cardiomyopathy." Dubai Health Care City (DHCC) Education Department. Dubai, UAE. January 2014.
116. "The Heart & Genetics of the Heart." Development and Disease Course, Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. February 2014.
117. "Cardiac Rehabilitation in Patients with Coronary Disease and Heart Failure." Cincinnati Clinical Exercise Testing and Therapeutics Symposium 2014, Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. March 2014.
118. "Heart Health and Ongoing Cardiac Surveillance for Cancer Survivors." CBDi Survivor Meeting, Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. May 2014.
119. "Heart Disease Secondary to Treatment of Childhood Cancer." CBDi Survivor Meeting,

Cincinnati Children's Hospital Medical Center. Cincinnati, Ohio. May 2014.

120. "Pediatric/Adolescent HCM." HCMA Annual Meeting. Morristown Medical Center. Morristown, New Jersey. May 2014.
121. "HCM Mimickers - What Are Some of Them and Why are They Important." HCMA Annual Meeting. Morristown Medical Center. Morristown, New Jersey. May 2014.
122. "Pediatric/Adolescent HCM – How to Keep Them Active." HCMA Annual Meeting. Morristown Medical Center, Morristown, New Jersey. May 2014.
123. "Hypertrophic Cardiomyopathy in Pediatrics – Session: Management in 2014: When to Intervene." American Society of Echocardiography, 25th Annual Scientific Sessions. Portland, Oregon. June 2014.
124. "SciMed - Diagnosis and Management of Cardiovascular Disease in Barth Syndrome." Barth Syndrome Foundation Meeting. Clearwater, Florida. June 2014.
125. "Families Bridge Devices, Pharmaceutical Agents and Genetic Therapies." Barth Syndrome Foundation Meeting. Clearwater, Florida. June 2014.
126. "Pediatric Cardiomyopathy 101." Children's Cardiomyopathy Foundation, Inc. Webinar, September 2014.
127. "1P36 and the Heart." 2014 1p36 DSA Conference. Cincinnati, Ohio. July 2014.
128. "Heart Failure in Neuromuscular Disease." Pediatric Heart Failure Summit. Cincinnati, Ohio. September 2014.
129. "Types of Congenital Abnormalities and Surgical Interventions Leading to Heart Failure." Heart Failure Society of America 18th Annual Scientific Meeting. Las Vegas, Nevada. September 2014.
130. "The Fabry Heart." FSIG Expert Fabry Conference. Orlando, Florida. February 2015.
131. "Investigational new drug applications: The long and winding road." Cincinnati Children's Hospital Medical Center Heart Institute Research Retreat. Cincinnati, Ohio. September 2015.
132. "Treatment-Related Effect – Cardiac Problems." Essentials of Cancer Survivorship: A Workshop for Health Care Professionals. Midwest Consortium for Cancer Survivorship Education and Research. Cincinnati, Ohio. November 2015.
133. "Multidisciplinary Fabry Care: Challenges and Opportunities." The Power of Registries in Rare Disease: Expanding knowledge from birth to adulthood. 15th National Rare Disease Registries Meeting. Chicago, Illinois. November 2015.
134. "Is There a Role for VAD Destination Therapy in Children?" Innovations in Pediatric Heart Failure Symposium. San Diego, California. December 2015.

135. "Heart Failure in Neuromuscular Disease Patients." Innovations in Pediatric Heart Failure Symposium. San Diego, California. December 2015.
136. "Cardiac Function and Fibrosis and Cardiac MRI Endpoints for DMD Clinical Trials." BioMarin Pharmaceutical Advisory Board Meeting. San Rafael, California. February 2016.
137. "The Genetics of Cardiomyopathy." Cardiology 2016 – 19th Annual Update on Pediatric and Congenital Cardiovascular Disease. Orlando, Florida. February 2016.
138. "What Should I Do About My Patient With Non-compaction Type Cardiomyopathy?" Cardiology 2016 – 19th Annual Update on Pediatric and Congenital Cardiovascular Disease. Orlando, Florida. February 2016.
139. "Heart Transplantation for Congenital and Pediatric Cardiovascular Disease in 2016." Moderated Panel of Experts, Cardiology 2016 – 19th Annual Update on Pediatric and Congenital Cardiovascular Disease. Orlando, Florida. February 2016.
140. "Cardiovascular Implications of Cancer Treatment." UCCI Advanced Practice Providers about Treatment-Related Cardiovascular Problems. University of Cincinnati, Cincinnati, Ohio. April 2016.
141. "The Current and Future Landscape of Urinary Thromboxane Testing to Evaluate Atherothrombotic Risk." 2016 Ohio-Collaborative Laboratory Conference. Columbus, Ohio. April 2016.
142. "About Fabry Disease: A Silently Progressive, Increasingly Debilitating, Often Life-Threatening Disorder". Sanofi Genzyme Dinner Program. Phoenix, Arizona. May 2016
143. "Cardiac Effects of Cancer Treatment". St. Elizabeth Healthcare. Edgewood, Kentucky. May 2016
144. "Fabry Disease and the Heart – Early Cardiac MRI Findings and Rhythm Changes". North American Fabry Registry Advisory Board Meeting. Chicago, Illinois. June 2016.
145. "Cardiovascular Disease in Barth Syndrome: Diagnostic and Treatment Strategies". Barth Syndrome Foundation-8th International Scientific, Medical, and Family Conference. Clearwater, FL. July 2016.
146. "Taking Better Control of Fabry Disease: Importance of Regularly Scheduled Assessments". Genzyme Rare Disease 2016 U.S. Medical Roundtable, El Segundo, CA. August 2016.
147. Co-moderator, Genetics Scientific Education Program "Cardiology Focused Discussion Around Fabry Disease". Sanofi Genzyme US Medical Affairs, Rare Diseases. Los Angeles, CA. August 2016.
148. Moderator and "Home Monitoring in Heart Failure: Near or Remote?". 4th Pediatric Heart Failure Summit, The Hospital for Sick Children. Toronto, ON Canada. September 2016.
149. "Pediatric/Adolescent HCM". Hypertrophic Cardiomyopathy Association. Boston, MA. October 2016

150. "Initial Impressions of cMRI Imaging Studies at Month 6 Post Infusion". Capricor, DMD MRI Meeting, New Orleans, LA. November 2016
151. Panelist "Shock and Mechanical Support Simulation: Pediatric Heart Failure I". AHA Scientific Sessions 2016, New Orleans, LA. November 2016
152. "Fulminant Myocarditis in Children". AHA Scientific Sessions 2016, New Orleans, LA. November 2016
153. "Fabry Heart" FSIG Expert Fabry Conference, Cincinnati, OH. April 2017
154. "About Fabry Disease: A Silently Progressive, Increasingly Debilitating, Often Life-Threatening Disorder". Sanofi Genzyme Program. Boston Medical Center, Boston, MA. May 2017
155. "Targeting Protein Kinase C; A Novel Paradigm for Heart Failure Therapy". 4th International Conference on Cardiomyopathy in Children. Bethesda, MA. May 2017
156. "Taking Better Control of Fabry Disease: Importance of Regularly Scheduled Assessments". Sanofi Genzyme Dinner Program. Pittsford, NY. May 2017
157. "Left Ventricular Noncompaction: From Bench to Bedside". University of Iowa Grand Rounds. Cedar Rapids, IA. June 2017
158. "Cardiovascular Findings in Fabry Disease". Sanofi Genzyme WebEx / Medical College of Wisconsin. June 2017
159. "The Fabry Registry: N215S Mutation". 16th North American Rare Disease Registries Meeting 2017. Chicago, IL. June 2017
160. "Acute – Chronic Pericarditis Etiologies and Management". 7th World Congress of Pediatric Cardiology and Cardiac Surgery, Dinner Meeting. Barcelona, Spain. July 2017
161. "Cardiac aspects of Barth syndrome". Barth Syndrome 9th International Scientific, Medical, and Family Conference. Clearwater, FL. July 2018.
162. "The Genetics of Cardiomyopathy: From Bench to Bedside". Preventive Medicine Grand Rounds, University of Tennessee, Memphis, TN. September 2018.
163. "Hypertrophic Cardiomyopathy in Children and Young Adults: Current Perspectives". Annual Mac Armour Memorial Lectureship, Le Bonheur Children's Hospital, Memphis, TN. October 2018.
164. "Left Ventricular Noncompaction: The Other Cardiomyopathy", Cariology Grand Rounds, University of Tennessee Health Science Center", Memphis, TN. October 2018.
165. "Hypertrophic Cardiomyopathy: Current Perspectives". J.M. Sullivan Distinguished Visiting Professor Lecture/Medicine Grand Rounds, University of Tennessee Health Science Center,

Memphis, TN January 2019.

166. "Cardiovascular Findings in Fabry Disease: Early Cardiac MRI and Rhythm Changes". Cardiology Grand Rounds, Washington University, St Louis, MO, April 2019.
167. "Clinical Assessment and Management of Heart Failure". 3rd Annual Multispecialty Conference for the Primary Care Physician, FedEx Institute of Technology, Memphis, TN. March 2019.
168. "Hypertrophic Cardiomyopathy, Current Perspectives", Texas Heart Institute Grand Rounds, Houston, TX, May 2019
169. "Valvular and Aortic Involvement in Fabry Disease". 6th Update on Fabry Disease: Biomarkers, Progression, and Treatment Options, Prague, Czech Republic. May 2019.
170. "Cardiac-Renal Outcomes in Females Treated with Agalsidase Beta". The Rare Disease Registries, Chicago, IL. June 2019.
171. "Fabry Disease: Information for Patients, Families, and Friends" Fabry Patient Meeting, Minneapolis, MN, June 2019
172. "Fabry Disease, Cardiovascular Implications". Cardiology Grand Rounds, University of California Irvine, Irvine, CA, June 2019.
173. "Heritable Cardiovascular Disease". Cardiology Grand Rounds, University of Tennessee Health Science Center, Memphis, TN, August 2019.
174. "Cardiomyopathies I". Cardiomyopathy Lecture/Fellows Conference, Memphis, TN, September 2019
175. "Fabry Disease and the Heart". 9th Annual Fabry Family Education Conference, Greensboro, NC. September 2019
176. "Cardiomyopathies II". Cardiomyopathy Lecture/Fellows Conference. Memphis, TN, November 2019.
177. "Contemporary Cardiovascular Care". Methodist Healthcare Luncheon Talk. Peabody Hotel, Memphis, TN, November 2019.
178. "Recent Advances in Fabry Disease: Translating the Latest Science into Best Practice". Medicine Grand Rounds, University of Tennessee Health Science Center, Memphis, TN December 2019.
179. "Mentoring". GME Research Certification Program, University of Tennessee Health Science Center, Memphis, TN, February 2020.
180. "Developing Effective Research Collaborations". GME Research Certification Program, University of Tennessee Health Science Center, Memphis, TN, February 2020.

181. "Determining Effectiveness of Treatments on Cardiovascular Outcomes: Testing and Timing of Cardiac Assessments". 16th Annual WORLD Symposium, Orlando, FL, February 2020.
182. "Cardiology Updates". 4th Annual Multi-Specialty Conference for the Primary Care Physician, Memphis, TN, February 2020.
183. "Heritable Causes of Electrophysiologic Disease and the Role of Genetic Testing". Electrophysiology Grand Rounds, University of Tennessee Health Science Center, Memphis, TN, July 2020.
184. "Living With BTHS Cardiomyopathy". Speaker and Session Chairman, Barth Syndrome Foundation Visual Scientific and Medical symposium, July 2020.
185. "Genetically Triggered Cardiomyopathies". Cardiology Conference, University of Tennessee Health Science Center, Memphis, TN, October 2020.
186. "Ten Question Tuesday: Pulmonary Hypertension". Global Lecture, Memphis, TN, November 2020
187. "Cardiomyopathies". Cardiology Conference, University of Tennessee Health Science Center, Memphis, TN, November 2020.
188. "COVID 2021 Vaccinations: Concerns, Effectiveness. And Distributions". Corporate Exchange, Memphis, TN, January 2021.
189. "COVID-19 Treatments: The Road to Immunity". Direct Selling Education Foundation, Washington, DC, January 2021.
190. "Left Ventricular Noncompaction". 5th International Conference on Cardiomyopathy in Children, Buffalo, NY, March, 2021.
191. "Future Directions in Cardiomyopathies in Children". 5th International Conference on Cardiomyopathy in Children, Buffalo, NY, March, 2021.
192. Baylor Cardiology Group Sanofi Genzyme Fabry CJR. Virtual, April 2021.
193. "Unexplained Cardiac Manifestations – The case for Fabry". Sanofi Genzyme: National Peer to Peer Program Discussion. Virtual Event, May 2021.
194. "Enhancing the Diagnosis of Fabry Disease in Cardiology with Targeted Information: A Before-After Control-Impact Study" Fabry Cardiology CJR. Sanofi Genzyme. Virtual Event, June 2021.
195. "Enhancing the Diagnosis of Fabry Disease in Cardiology with Targeted Information: A Before-After Control-Impact Study". Cardiology Grand Rounds, University of Tennessee Health Science Center, Virtual Event, June 2021.
196. "Cardiovascular Findings in Fabry". FSIG Patient Meeting. Virtual Event, June 2021.

197. "Breaking the Cycle of Refractory Heart Failure". Nuwellis Webinar Series, June 2021.
198. "Treatment Landscape of Genetic Disease in Cardiology". Taiwan Society of Cardiology. Virtual Event, July 2021.
199. "In Your Practice: Recognizing and Treating Transthyretin Amyloid Cardiomyopathy (ATTR-CM)". Pfizer Speaking Event. Virtual Event, July 2021.
200. "Biomarkers". Cardio-Pulmonary Renal Working Group Meeting. Virtual Event, July 2021.
201. "Medical Management for Hereditary Cardiomyopathies". EducateNext 2021 Annual Education Training, Ambry Genetics, Virtual Meeting, September, 2021.
202. "Hypertrophic Cardiomyopathy". University of Tennessee Health Science Center Cardiology Fellowship Lecture Series. Memphis, TN, September, 2021.
203. "Fabry Disease". 16th Annual Cardiometabolic Health Congress, Washington, DC, October, 2021.
204. "HCM Challenges for Pediatric Cardiologists: Nomenclature, Syndromes, Management and Sudden Death Prevention...Is It a Different Disease in Children?". VII International HCM Summit. Virtual Event, October, 2021.
205. "Cardiovascular Research in the Midsouth". Clinical Trials Industry Advisory Committee. Memphis, Tennessee, November, 2021.
206. "Cardiovascular Findings in Fabry Disease". Grand Rounds. University of California-Irvine. Virtual event, November, 2021.
207. "Cardiac Wearables". Tennessee American College of Cardiology Annual Meeting. Nashville, Tennessee, November, 2021.
208. "Dilated Cardiomyopathy". University of Tennessee Health Science Center Cardiology Fellowship Lecture Series. Memphis, TN, November, 2021.
209. "Arrhythmogenic Cardiomyopathy". University of Tennessee Health Science Center Cardiology Fellowship Lecture Series. Memphis, TN, February, 2022.
210. "Restrictive Cardiomyopathy". University of Tennessee Health Science Center Cardiology Fellowship Lecture Series. Memphis, TN, March, 2022.
211. "Cardiovascular Findings in Fabry Disease". FSIG Fabry Expert Conference, Philadelphia, PA, April, 2022.

212. "Genetics of Arrhythmias". University of Tennessee Health Science Center Cardiology Fellowship Lecture Series. Memphis, TN, April, 2022.
213. "Remote Patient Monitoring". American College of Cardiology Tennessee Chapter Annual Meeting, Nashville, TN, November 2022.
214. "Best Practices for Using Blood Volume Analysis (BVA) to Reduce Heart Failure LOS, Readmissions, Mortality, and Costs". MedAxiom Webinar, November 2022.
215. "Heritable Cardiovascular Disease". Longden Seminar. University of Tennessee Health Science Center, Department of Physiology, January 2023.
216. "Defining Patient-Focused Outcomes in Fabry Disease". WORLD Symposium. Orlando, FL, February, 2023.
217. "Cardiovascular Findings in Fabry Disease". FSIG Expert Fabry Conference. Orlando, FL, February 2023.
218. "Fabry Male Concerns: Questions and Answers". FSIG Expert Fabry Conference. Orlando, FL, February 2023.
219. "A Focus on Cardiovascular Aspects of Fabry Disease in Women: Cardiovascular Implications of Rare Disorders: Lessons from Lysosomal Storage Disorders". University of California Irvine Medicine Grand Rounds. Irvine, California, March, 2023.
220. "Paving the Rough and Rigid Roads in LVNC and Restrictive Cardiomyopathy". Fouad Mobassaleh Symposium on Sudden Cardiac Death in the Young. Washington, DC, August 2023.
221. "Managing Cardiomyopathies in Lysosomal Disorders". Check Rare, Affinity CE, and LDTRC Quarterly Series on Lysosomal Disorders. Virtual Symposium. September 2023.
222. "Fabry Disease". American College of Cardiology Tennessee Chapter Annual Meeting, Nashville, TN, November 2023.
223. "A New Approach to Identifying Patients with Fabry Disease Using a Machine Learning Algorithm". Genetic Rare and Immune Disorders Symposium (GRIDS). Middleburg, Virginia, November 2023.
224. "Advancing Cardio-Oncology". Cardiology Oncology Innovation Network (COIN) Annual Meeting. Virtual Symposium. December 2023.
225. "Cardiovascular Findings in Fabry Disease". FSIG Fabry Expert Conference. San Diego, California, February 2024.
226. "Application of Artificial Intelligence in the Diagnosis of Fabry Disease". Fabry

Disease Expert Summit, Tokyo, Japan, February 2024.

227. "Arrhythmia and Personalized Risk Stratification". 8th Update on Fabry Disease, Hamburg, Germany, June 2024.
228. "Blood Volume Analysis". University of Wisconsin- Madison Cardiology Grand Rounds. Madison, Wisconsin, July 2024.
229. "Cardiovascular Therapies in Barth Syndrome: Potential Opportunities on the Horizon". Barth Syndrome Foundation International Scientific, Medical, and Family Conference. Bonita Springs, Florida, August 2024.
230. "Advancing Collaboration in Patient Equity and Innovation in Fabry Disease Care". WORLD Symposium, San Diego, California, February 2025.

ABSTRACTS PRESENTED:

1. **Jefferies JL**, Keller BK, Wilson J, Noonan JA, Griffith C. Long term outcomes in patients with adult congenital heart disease. Abstracts, Fellow's Day Conference, Texas Children's Hospital, Houston, Texas. April 2002.
2. **Jefferies JL**, Dreyer WJ, Denfield SW, Price JF, Towbin JA. Initial use of nesiritide in a postoperative heart transplant patient with acute tubular necrosis and hyponatremia. Abstracts, International Pediatric Heart Failure Meeting, Houston, Texas. May 2004.
3. Price JF, Little K, Moffett BS, Towbin JA, Denfield SW, **Jefferies JL**, Clunie SK, Dreyer **WJ**. Plasma B-type natriuretic peptide levels in infants and children with chronic compensated and acute decompensated heart failure. Abstracts, 8¹¹ Annual Heart Failure Society of America Meeting, Toronto, Ontario. September 2004.
4. **Jefferies JL**, Belmont JW, Craigen WJ, Ware SM, Fernbach SD, Neish SR, Smith EO, Towbin JA. Genetic predictors and reverse remodeling of dilated cardiomyopathy in muscular dystrophy. Abstracts, American Academy of Pediatrics Meeting, San Francisco, California. October 2004.
5. **Jefferies JL**, Belmont JW, Craigen WJ, Ware SM, Fernbach SD, Neish SR, Smith EO, Towbin JA. Genetic predictors and reverse remodeling of dilated cardiomyopathy in muscular dystrophy. Abstracts, American Heart Association Scientific Sessions, New Orleans, Louisiana. November 2004.
6. **Jefferies JL**, Belmont JW, Craigen WJ, Ware SM, Fernbach SD, Neish SR, Smith EO, Towbin JA. Genetic predictors and reverse remodeling of dilated cardiomyopathy in muscular dystrophy. Abstracts, American Heart Association Scientific Sessions Online Continuing Medical Education, New Orleans, Louisiana. November 2004.

7. Dimas VV, Denfield SW, Cannon BC, Fenrich AL, Friedman RA, Smith EO, Clunie SK, Kim JJ, Price JF, **Jefferies JL**, Dreyer WJ, Kertesz NJ. Arrhythmias and sudden cardiac death in children with dilated cardiomyopathy. Abstracts, American Heart Association Scientific Sessions, New Orleans, Louisiana. November 2004.
8. Dimas VV, Kertesz NJ, Dreyer WJ, Kim JJ, **Jefferies JL**, Clunie SK, Cannon BC, Smith EO, Price JF, Denfield SW. Predictors of poor outcome in dilated cardiomyopathy, Abstracts, American Heart Association Scientific Sessions, New Orleans, Louisiana. November 2004.
9. Kim JJ, Dreyer WJ, Price SF, Clunie SK, Dimas VV, **Jefferies JL**, Rosenblatt H, Towbin JA, Denfield SW. Leukocyte suppression leads to improved clinical outcomes in children status-post orthotopic heart transplantation. Abstracts, American Heart Association Scientific Sessions, New Orleans, Louisiana. November 2004.
10. **Jefferies JL**, Kearney DL, Fraser CD, McKenzie ED, Mott R. Localization of dendritic cells and monocytes to the graft matrix of polytetrafluoroethylene grafts and in the palliation of cyanotic heart defects. Abstracts, American College of Cardiology Meeting, Orlando, Florida. March 2005.
11. **Jefferies JL**, Denfield SW, Dreyer WJ, Price JF, Kim JJ, Dimas VV, Clunie S, Smith EO, McMahon CJ, Wann TI, Moffett BS, Towbin JA. A prospective evaluation of intravenous nesiritide in pediatric heart failure. *Abstracts, American College of Cardiology Meeting*, Orlando, Florida. March 2005.
12. Tan LH, **Jefferies JL**, Denfield SW, Dreyer WJ, Mott AR, Dickerson HA, Price JF, Towbin JA, Ou CN, Chang AC. B-type natriuretic peptide predicts treatment outcomes in pediatric patients with decompensated heart failure in the intensive care setting. *Abstracts, American Heart Association Scientific Sessions*, Dallas, Texas. November 2005.
13. Moulik M, Breinholt JP, Dreyer WJ, Kearney DL, Price JF, Clunie S, Moffett BS, Kim **JJ**, **Jefferies JL**, Thomas A, Harbes BA, Bowles KA, Smith EO, Bowles NE, Denfield SW, Towbin JA. Viral endomyocardial infection is an independent predictor and potentially treatable risk factor for graft loss in pediatric cardiac transplant patients. *Abstracts, Fellow's Day Meeting*, Texas Children's Hospital, Houston, Texas. May 2006.
14. Moulik M, Breinholt JP, Dreyer WJ, Kearney DL, Price JF, Clunie S, Moffett BS, Kim JJ, **Jefferies JL**, Thomas A, Harbes BA, Bowles KA, Smith EO, Bowles NE, Denfield SW, Towbin JA. Viral endomyocardial infection is an independent predictor and potentially treatable risk factor for graft loss in pediatric cardiac transplant patients. *Abstracts, Young Investigators Competition, American Academy of Pediatrics*, Atlanta, Georgia. October 2006.
15. Rossano JW, Dreyer WJ, Kim JJ, Price JF, Clunie SK, Moulik M, Decker JA, Breinholt JP, McKenzie ED, Denfield SW, Towbin JA, **Jefferies JL**. Pre-Transplant Serum Creatinine Predicts Long-Term Outcome in Pediatric Heart Transplant Patients. *Abstracts, Second International Conference on Heart Failure in Children and Young Adults*, Dana Point, California. December 2006.
16. Decker JA, Dreyer WJ, Smith EO, Towbin JA, Price JF, **Jefferies JL**, Kim JJ, Clunie SK, Cannon BC, Denfield SW. Hypertrophic cardiomyopathy in children: Do adult risk factors for cardiac death apply? *Abstracts, American Heart Association Scientific Sessions*, Orlando, Florida. November 2007.

17. Rossano JW, Denfield SW, Smith EO, Kim JJ, Price JF, **Jefferies JL**, Decker JA, Clunie SK, Towbin JA, Dreyer WJ. B-type natriuretic peptide levels at greater than one year post-transplant predict graft survival in pediatric heart transplant patients. *Abstracts, American Heart Association Scientific Sessions*, Orlando, Florida. November 2007.
18. Rossano JW, Price JF, **Jefferies JL**, Mott AR, Heinle JS, Kim JJ, Dickerson HA, Ocampo EC, Dreyer WJ, Denfield SW, Towbin JA, Nelson DP, Morales DLS. Impact of extracorporeal life support, ventricular assist devices, and inotropes on survival while waiting for heart transplantation: An analysis of the United Network of Organ Sharing Database. *Abstracts, 7th International Symposium on Pediatric Cardiac Critical Care Sessions*, Miami, Florida. December 2008.
19. Dickerson HA, Moffett BS, Mott AR, **Jefferies JL**, Rossano JW, Price JF, Ocampo EC, Nelson DP. The etiology of adrenal dysfunction in critically ill pediatric patients with cardiac disease. *Abstracts, 7th International Symposium on Pediatric Cardiac Critical Care Sessions*, Miami, Florida. December 2008.
20. Price JF, Pignatelli R, **Jefferies JL**, Kim JJ, Dreyer WJ, Denfield SW, Towbin JA. Heart failure symptoms and B-type natriuretic peptide concentrations in children with hypertrophic cardiomyopathy. *Abstracts, American Heart Association's Scientific Basis for Heart Failure in Children Conference*, Estes Park, Colorado. May 2008.
21. Rossano JW, Denfield SW, Smith EO, Kim JJ, Price JF, **Jefferies JL**, Decker JA, Clunie SK, Towbin JA, Dreyer WJ. Assessment of the Cylex ImmuKnow cell function assay in pediatric heart transplant patients. *International Society of Heart and Lung Transplantation Scientific Sessions*, Boston, Massachusetts. April 2008.
22. Brescia S, **Jefferies JL**, Rossano JW, Denfield SW, Price JF, Dreyer WJ, Towbin JA, Kim JJ. Fatal arrhythmias in pediatric left ventricular non-compaction. *Abstracts, American Heart Association Scientific Sessions*, New Orleans, Louisiana. November 2008.
23. Rossano JW, Morales DLS, Denfield SW, Zafar F, **Jefferies JL**, Kim JJ, Heinle JS, Towbin JA, Dreyer WJ. Impact of panel-reactive antibodies in long-term outcome in pediatric heart transplant patients: An analysis of the United Network of Organ Sharing Database. *Abstracts, International Society for Heart and Lung Transplantation, 29th Meeting and Scientific Sessions*, Palais des Congress, Paris, France. April 2009.
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83. Mehmood M, Hor KN, Al-Khalidi H, Benson DW, **Jefferies JL**, Taylor MD, Egnaczyk GF, Raman SV, Basu S, Cripe L, Mazur M. *Comparison of Right and Left Ventricular Systolic Function Indices in Duchenne Muscular Dystrophy: A Longitudinal Cardiac Magnetic Resonance Study.* International Society for Heart and Lung Transplantation, 35th Annual Meeting and Scientific Sessions, Nice, France. April 2015.
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Sessions, Nice, France. April 2015.

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88. Guerrier K, Madueme PC, **Jefferies JL**, Anderson JB, Spar DS, Knilans TK, Czosek RJ. *Unexpectedly Low ECG Voltage in Hypertrophic Cardiomyopathy Patients: Is Myocardial Fibrosis to Blame?* Cincinnati Children's Hospital Medical Center Heart Institute Research Retreat, Cincinnati, Ohio. September 2015.
89. Mathew J, Moore R, Spar D, Villa CR, Ryan T, Chin C, Bange J, Sawnani H, Taylor M, Wong B, **Jefferies JL**. *Myocardial Scar Burden Increases With Age And Is Associated With Decline In Left Ventricular Systolic Function In Becker Muscular Dystrophy*. Cincinnati Children's Hospital Medical Center Heart Institute Research Retreat, Cincinnati, Ohio. September 2015.
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95. Chung ES, Dadosky C, **Jefferies JL**, Egnaczyk GF, O'brien TM, Menon SG. *Optimisation of decongestion in acute decompensated heart failure: role of tolvaptan and aquapheresis*. Heart Failure 2016 and 3rd World Congress on Acute Heart Failure, Florence, Italy. May 2016. Moderated poster.

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104. Wilmot I, Rodriguez M, Puri K, Feng J, Taylor B, Mathew J, Ryan TD, **Jefferies JL**. *Contemporary use of heart failure medications in pediatric patients with dilated cardiomyopathy*. American College of Cardiology Annual Scientific Sessions. Chicago, Illinois, April, 2017.
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108. Kirmani S, Woodard PK, Shi L, Canter CE, Colan SD, Pahl E, Towbin JA, Webber SA, Rossano JW, Everitt MD, Molina KM, Kantor PF, **Jefferies JL**, Feingold B, Addonizio LJ, Ware SM, Chung WK, Ballweg JA, Lee TM, Razoky H, Czachor JD, Lunze F, Marcus E, Wilkinson JD, Lipshultz SE. *Are Echocardiogram and Magnetic Resonance Imaging (MRI) Comparable in Measuring Maximal Septal Thickness in Children With Hypertrophic Cardiomyopathy (HCM)?*. American Heart Association Annual Scientific Session, Anaheim, California. November, 2017.
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1. Interview with Dr. Jefferies regarding HBCU Scholars Program performed in conjunction with the American Heart Association. Action News 5, Memphis, TN. <https://www.actionnews5.com/2022/02/16/bluff-city-life-tuesday-15-feb/>
2. Interview with Dr. Jefferies regarding HBCU Scholars Program performed in conjunction with the

American Heart Association. ABC News 24, Memphis, TN.

<https://www.localmemphis.com/article/news/health/heart-health-hbce-lemoyne-owen/522-429bff42-dad7-4ab4-962c-cf300aecb411>

3. Interview with Dr. Jefferies and Dr. Alexandrov regarding patient advocacy for stroke prevention. Fox 13 News, Memphis, TN.
<https://www.fox13memphis.com/news/watch-doctors-fight-ensure-stroke-patients-get-access-medications-they-need/c04f66ef-5e4e-487d-a8bc-2676a114f5a9/>
4. Interview with Dr. Jefferies by CardioNerds regarding Diversity, Equity, and Inclusion.
<https://www.cardionerds.com/212-narratives-in-cardiology-becoming-thriving-as-a-fellowship-program-director-with-dr-katie-berlacher-and-dr-julie-damp-tennessee-chapter/>
5. Interview with Dr. Jefferies regarding sudden cardiac death. WMC 5 News, Memphis, TN.
<https://www.youtube.com/watch?v=OQqYktvIVPY&t=2s>
6. Entrepreneurship. Memphis University School Chapel. <https://vimeo.com/884875633/56ce629df6?share=copy>
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