

## CURRICULUM VITAE

**NAME:** John Lynn Jefferies, MD, MPH, FACC, FAHA, FAAP, FHFA

**TITLE:** Jay Michael Sullivan Distinguished Chair in Cardiology  
Professor and Chief, Adult Cardiovascular Diseases  
Director, Methodist University of Tennessee Cardiovascular Institute  
Director, Methodist Cardiovascular Service Line  
Professor, Pediatric Cardiology  
Professor, Preventive Medicine  
Research Member, St. Jude Children's Research Hospital

**MAILING ADDRESS:** University of Tennessee Health Science Center  
956 Court Avenue  
Suite A312A  
Memphis, TN 38163

**Hospitals:** Methodist University Hospital  
1211 Union Avenue  
Memphis, TN 38104

Methodist North Hospital  
3960 New Covington Pike  
Memphis, TN 38128

Methodist Germantown Hospital  
7691 Poplar Avenue  
Memphis, TN 38138

Methodist South Hospital  
1300 Wesley Drive  
Memphis, TN 38116

Methodist Olive Branch Hospital  
4250 Bethel Road  
Olive Branch, MS 38654

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

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[john.jefferies@mlh.org](mailto:john.jefferies@mlh.org)

**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  
University of Kentucky  
Lexington, Kentucky

**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.)

**FELLOWSHIP:**

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:**

2018-present        Professor  
Adult Cardiovascular Diseases and Pediatric Cardiology  
University of Tennessee Health Science Center

**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-present Professor and Chair (Tenured)  
The UT Methodist Cardiovascular Institute  
Adult Cardiovascular Diseases  
Memphis, TN
- 2018-present Professor  
Pediatric Cardiology  
Le Bonheur Children's Hospital  
Memphis, TN
- 2018-present Professor  
Preventive Medicine  
University of Tennessee  
Memphis, TN
- 2018-present Research Member  
Adult and Pediatric Cardiology  
St. Jude Children's Research Hospital  
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 Shriner's Hospital Cincinnati, OH
2018-present	Professor and Chair The UT Methodist Cardiovascular Institute Adult Cardiovascular Diseases Memphis, TN
2018-present	Professor Pediatric Cardiology Le Bonheur Children's Hospital Memphis, TN
2018-present	Professor Preventive Medicine University of Tennessee Memphis, TN

**LICENSURE:**

Texas – L6964  
Ohio – 35096072  
Kentucky – 33766  
Minnesota – 60245  
Mississippi - 26120

**LICENSING AGENCY:** National Board of Medical Examiners

**ADDITIONAL TRAINING:**

2012	Core Leadership, Cincinnati Children's Hospital Medical Center
2012	Intermediate Improvement Science (I2S2)
2013	Advanced Improvement Methods

**PROFESSIONAL ORGANIZATION MEMBERSHIPS:**

1992	Phi Beta Kappa
1992	Phi 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 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
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
2015	Best Doctors in America
2015	Cardio Renal Society of America
2015	Member, Council on Genomic and Precision Medicine, 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
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

**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, Craigen 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, Craigen 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.

**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, *Circulation Research*

2012-present Reviewer, *American Journal of Medical Genetics: Part A*

2012-present Reviewer, *Postgraduate Medicine*

2013-present Reviewer, *American Journal of Cardiology*

2013-present Reviewer, *Canadian Journal of Cardiology*

2013 Reviewer, *The Efficacy and Mechanism Evaluation (EME) Program, National Institute for Health Research (UK)*

2013-present Reviewer, *European Journal of Paediatric Neurology*

2013-present Reviewer, *Molecular Genetics and Metabolism*

2014-present Reviewer, *Health Research Board*

2014-present Reviewer, *World Journal of Pediatrics*

2014-present Reviewer, *Italian Journal of Pediatrics*

2014-present Reviewer, *The National Medical Research Council (NMRC)*

2014-present Reviewer, *Pediatric Nephrology*

2014-present Reviewer, *Journal of Inborn Errors of Metabolism and Screening*

2014-present Reviewer, *The Journal of Steroid Biochemistry and Molecular Biology*

2014-present Reviewer, *American Journal of Cardiovascular Drugs*

2014-present Reviewer, *Catheter and Cardiovascular Interventions*

2014-present Reviewer, *Journal of Pediatrics*

2015-present Reviewer, *JACC Heart Failure*

2015-present Reviewer, *Case Reports in Infectious Diseases*

2015-present Reviewer, *Journal of Multidisciplinary Healthcare*

2015-present Reviewer, *BMJ Case Reports*

2015 Reviewer, *Wellcome Trust, India Alliance System*

2015 Reviewer, *BioMed Research International*

2015-present Reviewer, *American Heart Journal*

2016 Reviewer, *Pediatric Academic Societies Workshop*

2016-present Reviewer, *Current Medicinal Chemistry*

2016 Reviewer, 2016 Heart, Lung, and Vascular Institute Study Section, University of Cincinnati

2016-present Reviewer, *Case Reports in Obstetrics and Gynecology*

2016-present Reviewer, *Kidney and Blood Pressure Research*

2016-present Reviewer, *Circulation Heart Failure*

2016-present Reviewer, *Clinical Science*

2016-present Reviewer, *Expert Review of Cardiovascular Therapy*

2016-present Reviewer, *Clinical Cardiology*

2017-present Reviewer, *Gene*

2017-present Reviewer, *Critical Care Medicine*

2017-present Reviewer, *JACC Cardiovascular Imaging*

2018-present Reviewer, *Heart Rhythm Case Reports*

2018-present Reviewer, *Pediatric Research*

2018-present Reviewer, *Journal of Pediatric Infectious Diseases*

2018-present Reviewer, Great Ormond Street Children's Charity

2018-present Reviewer, *Journal of Cardiovascular Computed Tomography*

2018-present Reviewer, *Molecular Genetics and Metabolism Reports*

2018-present Reviewer, *Journal of the American Heart Association*

2018 Guest Editor, *Journal of the American Heart Association*

2018-present Reviewer, *Clinical Epidemiology*

2018-present Reviewer, *BMC Cardiovascular Disorders*

2018-present Reviewer, *The Lancet Neurology*

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>

#### **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

**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>
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-present	Editorial Board Member <i>American Journal of Cardiology</i>

**GRANT APPLICATION REVIEWER:**

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

**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

**REGISTRY AND STUDY BOARDS:**

2009-present      Steering Committee  
Pediatric Cardiomyopathy Registry  
Funded by NHLBI

2013-present      Chronic Kidney Disease in Children Prospective Cohort Study (CKiD)  
Cardiovascular Subcommittee

**MEDICAL MONITOR:**

2015-present      Syncardia 50cc Temporary Total Artificial Heart (TAH-T) as a Bridge to  
Transplant (BTT)

**GRANTS AWARDED:**

**Active Grants:**

2020-2024      **Investigator**  
A Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter  
Study to Evaluate the Effects of SOTagLiflozin on Clinical Outcomes in  
Hemodynamically Stable Patients with Type 2 Diabetes POST Worsening Heart  
Failure (Soloist)  
Sponsor: Sanofi  
Amount: \$451,021  
March 2020-December 20204

2019-2022      **Investigator**  
A Multicenter, Double-blind, Placebo-controlled, Randomized Withdrawal,  
Parallel Group Study of Patiromer for the Management of Hyperkalemia in  
Subjects Receiving Renin-Angiotensin-Aldosterone System Inhibitor (RAASi)  
Medications for the Treatment of Heart Failure (DIAMOND)  
Sponsor: Relypsa  
Amount: \$124,000

- July 2019-December 2022
- 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: \$225,000  
June 2019-December 2022
- 2019-2023      **Investigator**  
Hemodynamic-GUIDEd Management of Heart Failure (GUIDE-HF)  
Sponsor: Abbott  
Amount: \$59,300  
December 2019-December 2023
- 2019-2023      **Investigator**  
A Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Evaluate the Effects of SOTagLiflozin on Clinical Outcomes in Hemodynamically Stable Patients with Type 2 Diabetes POST Worsening Heart Failure  
Sponsor: Sanofi  
Amount: \$143,000  
July 2019-December 2023
- 2017-present      **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
- 2017-2020      **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
- 2018-2023      **Co-Investigator**  
A Randomized, Double-blind, Placebo-controlled Clinical Study to Evaluate

Mavacamten (MYK-461) in Adults with Symptomatic Obstructive Hypertrophic  
Cardiomyopathy (EXPLORER-HCM)  
Sponsor: Myokardia  
Site: University of Tennessee Methodist  
Amount: \$64,634  
June 2019-December 2023

**Previous Grants:**

- 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 Cardiolute 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
- 2017-2018      **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      **Co-Investigator**  
A Randomized, Double-blind, Placebo-controlled Clinical Study to Evaluate Mavacamten (MYK-461) in Adults with Symptomatic Obstructive Hypertrophic Cardiomyopathy (EXPLORER-HCM)  
Sponsor: Myokardia  
Site: University of Cincinnati Hospital
- 2018-present      **Co-Investigator**  
A Randomized, Double-blind, Placebo-controlled Clinical Study to Evaluate Mavacamten (MYK-461) in Adults with Symptomatic Obstructive Hypertrophic Cardiomyopathy (EXPLORER-HCM)  
Sponsor: Myokardia  
Site: University of Tennessee Methodist
- 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

**ADVANCED HEART FAILURE AND TRANSPLANT TRAINEES:**

- |           |  |
|-----------|--|
| 2006-2007 | Joseph Rossano, M.D.<br>Director, Heart Failure and Cardiac Transplantation<br>Children's Hospital of Philadelphia<br>Philadelphia, Pennsylvania       |
| 2008-2009 | Ivan Wilmot, M.D.<br>Faculty, Heart Failure and Cardiac Transplantation<br>Cincinnati Children's Hospital medical Center<br>Cincinnati, Ohio           |
| 2009-2010 | Sabrina Law, M.D.<br>Faculty, Heart Failure and Cardiac Transplantation<br>Seattle Children's Hospital<br>Seattle, Washington                          |
| 2012-2013 | Thomas Ryan, M.D., PhD.<br>Faculty, Heart Failure and Cardiac Transplantation<br>Cincinnati Children's Hospital medical Center<br>Cincinnati, Ohio     |
| 2013-2014 | John Parent, M.D.<br>Advanced Fellow, Heart Failure and Cardiac Transplantation<br>Cincinnati Children's Hospital Medical Center<br>Cincinnati, Ohio   |
| 2013-2014 | Tamara Thomas, M.D.<br>Advanced Fellow, Heart Failure and Cardiac Transplantation<br>Cincinnati Children's Hospital Medical Center<br>Cincinnati, Ohio |
| 2013-2014 | Chet Villa, M.D.<br>Advanced Fellow, Heart Failure and Cardiac Transplantation<br>Cincinnati Children's Hospital Medical Center<br>Cincinnati, Ohio    |
| 2015      | Jacob Mathew, M.D.<br>Advanced Fellow, Heart Failure and Cardiac Transplantation<br>Cincinnati Children's Hospital Medical Center<br>Cincinnati, Ohio  |
| 2015-2016 | Sairah Khan, M.D.<br>Advanced Fellow, Heart Failure and Cardiac Transplantation<br>Cincinnati Children's Hospital Medical Center                       |

- Cincinnati, OH
- 2016-2017 Michelle Ploutz, M.D.  
Advanced Fellow, Heart Failure and Cardiac Transplantation  
Cincinnati Children's Hospital Medical Center  
Cincinnati, OH
- 2016-2017 Bethany Wisotzkey, M.D.  
Advanced Fellow, Heart Failure and Cardiac Transplantation  
Cincinnati Children's Hospital Medical Center  
Cincinnati, OH
- 2017-2018 Samuel Wittekind, M.D.  
Advanced Fellow, Heart Failure and Cardiac Transplantation  
Cincinnati Children's Hospital Medical Center  
Cincinnati, OH
- 2017-2018 Hugo Martinez, M.D.  
Advanced Fellow, Heart Failure and Cardiac Transplantation  
Cincinnati Children's Hospital Medical Center  
Cincinnati, OH

**RESEARCH MENTORING:**

- 2014 John Shabosky  
Medical Student Scholars in Child and Adolescent Health Summer Research  
Scholarship  
\$2,500
- 2011-2012 Jaime Echartea-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

**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 30<sup>th</sup> 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 2009-12<sup>th</sup> Annual Update on Pediatric Cardiovascular Disease. Nassau, Bahamas. February 2009.
48. "Echocardiographic Findings in Children with Obstructive Sleep Apnea." Invited Lecture, Cardiology 2009-12<sup>th</sup> 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." 2<sup>nd</sup> 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 61<sup>st</sup> Annual Scientific Session and Expo. Chicago, Illinois. March 2012.
85. "How I Found the Right Mentor." ACC.12 61<sup>st</sup> 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 17<sup>th</sup> 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, 7<sup>th</sup> Middle East Paediatrics Conference. Dubai, UAE. January 2014.
  113. "Advanced Therapy for Heart Failure Including Ventricular Assist Devices." Arab Health Congress, 6<sup>th</sup> 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, 6<sup>th</sup> 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, 25<sup>th</sup> 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 18<sup>th</sup> 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. 15<sup>th</sup> 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 – 19<sup>th</sup> 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 – 19<sup>th</sup> 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 – 19<sup>th</sup> 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-8<sup>th</sup> 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?". 4<sup>th</sup> 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". 4<sup>th</sup> 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". 16<sup>th</sup> North American Rare Disease Registries Meeting 2017. Chicago, IL. June 2017
160. "Acute – Chronic Pericarditis Etiologies and Management". 7<sup>th</sup> World Congress of Pediatric Cardiology and Cardiac Surgery, Dinner Meeting. Barcelona, Spain. July 2017
161. "Cardiac aspects of Barth syndrome". Barth Syndrome 9<sup>th</sup> 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”. 3<sup>rd</sup> 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”. 9<sup>th</sup> 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“. 16<sup>th</sup> Annual WORLD Symposium, Orlando, FL, February 2020.
182. “Cardiology Updates“. 4<sup>th</sup> 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.

#### 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, 8<sup>th</sup> 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 used 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, 7<sup>th</sup> 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, 7<sup>th</sup> 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, 29<sup>th</sup> Meeting and Scientific Sessions*, Palais des Congress, Paris, France. April 2009.
24. Rossano JW, Morales DLS, Zafar F, Goldstein SL, Smith EO, Denfield SW, Kim JJ, Price JF, Heinle JS, Dreyer WJ, **Jefferies JL**. Impact of kidney function on long-term survival in pediatric patients with end-stage heart failure undergoing heart transplantation: An analysis of the United Network of

Organ Sharing Database. *Abstracts, 13<sup>th</sup> Annual Scientific Meeting, Heart Failure Society of America*, Boston, Massachusetts. September 2009.

25. Blinder JJ, Godlstein SL, Lee VV, Fraser CD, Nelson DP, **Jefferies JL**. A retrospective analysis of acute kidney injury in infants undergoing surgery for congenital heart disease. *Abstracts, Young Investigators Session, American Academy of Pediatrics National Conference and Exhibition*, Washington, D.C. October 2009.
26. Rossano JW, Zafar F, Graves DE, Dreyer WJ, Denfield SW, Kim JJ, Towbin JA, Decker JA, Heinle JS, **Jefferies JL**, Price JF, Bozkurt B, Morales DLS. Prevalence of heart failure related hospitalizations and risk factors for mortality in pediatric patients: An analysis of a nationwide sampling of hospital discharges. *Abstracts, American Heart Association Scientific Sessions*, Orlando, Florida. November 2009.
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28. **Jefferies JL**, Colan SD, Sleeper LA, Towbin JA, Pahl E, Kantor PF, Everitt MD, Webber SA, Kaufman BD, Lamour JM, Canter CE, Hsu DT, Lipshultz SE. Outcome and risk stratification for children with left ventricular noncompaction: Findings from the Pediatric Cardiomyopathy Registry. *Abstracts, American Heart Association Scientific Sessions*, Orlando, Florida. November 2009.
29. Molina KM, Denfield SW, Moulik M, Towbin JA, Price JF, **Jefferies JL**, Kim JJ, Dreyer WJ, Rossano JW. Viral endomyocardial infection in the 1<sup>st</sup> year post-transplant is associated with persistent inflammation in pediatric heart transplant patients. *Abstracts, American Heart Association Scientific Sessions*, Orlando, Florida. November 2009.
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31. Alvarez JA, Orav EJ, Wilkinson JD, Lee DJ, Rusconi P, **Jefferies JL**, Hsu DT, Webber SA, Canter CE, Towbin JA, Sleeper LA, Cox GA, Lipshultz SE. Competing risk analysis of prognostic factors for death and transplant in pediatric dilated cardiomyopathy. *Abstracts, American Heart Association Council of Epidemiology Annual Meeting*, San Francisco, California. March 2010.
32. **Jefferies JL**, Martinez H, Pignatelli R, Furman P, Lupski J, Potocki L. Cardiovascular findings in Potocki-Lupski Syndrome (PTLS). *Abstracts, American College of Clinical Genetics*, Albuquerque, New Mexico, March 2010.
33. Maskatia S, Decker JA, Spinner JA, Kim, JJ, Price JF, **Jefferies JL**, Dreyer WJ, O'Brian Smith E, Rossano JW, Denfield SW. Restrictive Physiology Is Associated with Poor Outcomes in Children with Hypertrophic Cardiomyopathy. *Abstracts, American College of Cardiology ACC.11*, New Orleans, Louisiana. April 2011.

34. Kantor P, Orav E, Wilkinson J, Webber S, Canter C, Colan SD, Towbin J, Everitt M, Pahl E, Ware S, Kaufman B, Rusconi P, Lamour J, **Jefferies JL**, Addonizio L, Lipshultz S, University of Miami, Miller School of Medicine, Miami, FL, USA Hospital for Sick Children, Toronto, Canada. Progressive Left Ventricular Changes Predict the Likelihood of Survival in Pediatric Dilated Cardiomyopathy: Findings From the Pediatric Cardiomyopathy Registry. *Abstracts, American College of Cardiology ACC.12*, Chicago, Illinois. March 2012.
35. Michelle A. Grenier, Robert Hinton, Timothy, J. Knilans, **John L. Jefferies**, Wayne Mays, Nicholas Edwards, Jeffrey Towbin, Richard Czosek, Jeffrey Anderson, Cincinnati Children's Hospital Medical Center, Cincinnati Ohio. *An Echo Screening Tool for Sudden Cardiac Death in Young Athletes*. ASE's 23<sup>rd</sup> Annual Scientific Sessions, 2012 American Society of Echocardiography (ASE) Scientific Sessions, National Harbor, Maryland. July 2012.
36. Pignatelli R., Srinivasan C., Xu A., **Jefferies JL.**, Ater, Joan. *Abnormal Myocardial Strain and Preserved Ejection Fraction in Children at Risk for Chemotherapy-related Cardiotoxicity*. ASE's 23<sup>rd</sup> Annual Scientific Sessions, 2012 American Society of Echocardiography (ASE) Scientific Sessions, National Harbor, Maryland. July 2012.
37. Kaddourah A, Goldstein SL, **Jefferies JL** *Kidney Injury Molecule-1 (KIM-1) is a Promising Urinary Biomarker to Detect Cardiorenal Syndrome in Children with Dilated Cardiomyopathy (DCM)*. Abstracts, American Heart Association Scientific Sessions, Los Angeles, California. November 2012.
38. Kaddourah A, Goldstein SL, Towbin JA, **Jefferies JL** *Prevalence, Outcome, and Predictors of Cardio-Renal Syndrome in Children with Dilated Cardiomyopathy*. Abstracts, American Heart Association Scientific Sessions, Los Angeles, California. November 2012.
39. Erin M Miller, MS, Richard Czosek, MD, Amy Garrison, MS, Paula Goldenberg, MD, Michelle Grenier, MD, **John L. Jefferies, MD**, Angela Lorts, MD, Ashley Parrott, MS, Jeffrey Towbin, MD, Stephanie M. Ware, MD, PhD, *Toward Evidence-Based Guidelines for Cardiac Screening in Pediatric Hypertrophic Cardiomyopathy*. The Heart Institute Retreat, Cincinnati Children's Hospital Medical Center.
40. Wong B, Hu S, Bange J, Miller L, Rybalsky I, Collins J, Boutwell D, Horn P, Rutter M, McCormick A, McGuire M, McMahon M, Sawnani H, **Jefferies J.** *Outcomes Associated with an Interdisciplinary Comprehensive Care Program for DMD Patients Treated with Long Term Glucocorticoids*. 17<sup>th</sup> International World Muscle Society's Congress, Perth, Australia. October 2012.
41. Tamara Thomas, MD, **John L. Jefferies, MS, MD**, Angela Lorts, MD, D. Woodrow Benson, MD, PhD, Jeffrey Anderson, MD, Kan Hor, MD, Zhiqian Gao, PhD, Linda Cripe, MD, Elaine Urbina, MS, MD. *Autonomic Dysfunction by Heart Rate Variability Analyses Correlates with Myocardial Fibrosis in Pediatric Duchenne Muscular Dystrophy*. ACC, San Francisco, California. March 2013.
42. Morales DL, Zafar F, Lorts A, Ryan TD, Chin C, Towbin JA, **Jefferies JL**. *Worldwide Use of Syncardia Total Artificial Heart in Adolescents: A 25-Year Experience*. International Society for Heart and Lung Transplantation, 33<sup>rd</sup> Annual Meeting, Montreal, Quebec, Canada. April 2013.
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44. **John Jefferies**, James Brown, Wayne Mays, Christopher Stahl, Mark McDonald. Improved Resource Utilization and Patient Flow in an Outpatient Cardiomyopathy Clinic. QCOR 2013, Baltimore, Maryland. May 2013.
  45. Kaddourah A, Uthup S, Madueme PC, Hooper DK, **Jefferies JL**, and Goebel J, *Aortopathy in Young Patients – Does it Improve After Kidney Transplantation?* International Pediatric Transplant Association (IPTA) 7<sup>th</sup> Congress on Pediatric Transplantation, Warsaw, Poland. July 2013.
  46. Grenier Michelle, **Jefferies JL**, Chung Eugene, Menon Kailas, Hull Gregory, Westrich Jennifer, Menon Santosh G. *Effects of Strength and Aerobic Training (Rowing) on Cardiovascular Structure in Elite High School Athletes*. Heart Failure Society of America 17<sup>th</sup> Annual Scientific Meeting, Orlando, Florida. September 2013.
  47. Morales David LS, Zafar Farhan, Wearden Peter D, Rosenthal David N, Cabrera Antonio G, Rossano Joseph W, Humpl Tilman, **Jefferies JL**. *LVAD vs BiVAD use across the USA: Understanding when a particular device strategy is chosen and its effect on outcome*. CHSS Annual Meeting, Chicago, Illinois. October 2013.
  48. Rossano W, **Jefferies JL**, Pah E, Naftel DC, Pruitt E, Lupton K, Dreyer WJ, Chinnock R, Boyle GJ, Mahle WT. *Use of Sirolimus in Pediatric Heart Transplant Patients: A Multi-institutional Study from the Pediatric Heart Transplant Study Group*. AHA Scientific Sessions 2013, Dallas, Texas. November 2013.
  49. Kaddourah A, Goldstein SL, Bennet MR, Devarajan P, **Jefferies JL**. *The Time Is Now to Implement Novel Urinary Biomarkers to Identify Cardiorenal Syndrome in Children with Dilated Cardiomyopathy*. ASN Kidney Week 2013 Annual Meeting, Atlanta, Georgia. November 2013.
  50. Ryan TD, **Jefferies JL**, Mehta P, Harris R, Bolyard A, Jones A, Shimamura A, Davies S, Myers S. *Echocardiographic Evaluation of Anatomy and Left Ventricular Systolic Function in Patients with Shwachman–Diamond Syndrome*. 7<sup>th</sup> International Congress on Shwachman-Diamond Syndrome. Toronto, Ontario. November 2013.
  51. Tandon A, **Jefferies JL**, Hor KN, Wong BL, Ware SM, Mazur W, Fleck RJ, Gao Z, Sticka JJ, Benson DW, Taylor MD. *Dystrophin genotype-cardiac phenotype correlations in Duchenne and Becker muscular dystrophy using cardiac magnetic resonance imaging*. Eighth Annual Thomas Boat Lectures, Cincinnati, Ohio. March 25, 2014. Cincinnati, Ohio. Platform presentation.
  52. Tandon A\*, Taylor MD, Ware SM, **Jefferies JL**, Sticka JJ, Fleck RJ, Wong BL, Mazur W, Hor KN. *A longitudinal examination of cardiac dysfunction in patients with Duchenne and Becker muscular dystrophy via cardiac magnetic resonance imaging*. American College of Cardiology 62nd Annual Scientific Session, San Francisco, California. March 9, 2013. Moderated poster. (Poster abstract)

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54. Thomas TO, **Jefferies JL**, Lorts A, Anderson J, Hor K, Gao Z, Urbina E. *Autonomic Dysfunction by Heart Rate Variability Analyses Correlates With Myocardial Fibrosis in Pediatric Duchenne Muscular Dystrophy*. American College of Cardiology 62nd Annual Scientific Session, San Francisco, California. March 9, 2013.
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60. Thomas T, Zafar F, Morales DS, Khan M, Chin C, Lorts A, **Jefferies JL**, Wilmot I, Castleberry C. *Allosensitization after Ventricular Assist Device does not impact post-transplant survival*. Poster presentation, ISHLT 34th Annual Meeting and Scientific Sessions, April 10-13, 2014 in San Diego, California.
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64. Shamszad P; Sower C, Ryan TD, Castleberry C, Lorts A, **Jefferies JL**, Wilmot I, Towbin JA, Chin C. *Cardiac Transplantation in Children with Chromosomal Anomalies: A Multi-Institutional Outcomes Analysis*. ISHLT 34th Annual Meeting and Scientific Sessions, April 10-13, 2014 in San Diego, California.
65. Puri K, Risma K, Kocoshis S, Chin C, Ryan T, **Jefferies JL**, Castleberry C. *T-Cell Mediated Inflammation Resulting in Multifocal Inflammatory Bowel Disease in a Pediatric Heart Transplant Patient*. ISHLT 34th Annual Meeting and Scientific Sessions, April 10-13, 2014 in San Diego, California.
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70. Khan M, Zafar F, Bryant III R, Castleberry CD, Chin C, **Jefferies JL**, Morales DLS. *Does Simultaneous Abdominal Organ Harvesting Impact Cardiac Graft Survival In Children?* World Transplant Congress, San Francisco, California. July 2014.
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