

Committee on Energy and Commerce
U.S. House of Representatives
Witness Disclosure Requirement - "Truth in Testimony"
Required by House Rule XI, Clause 2(g)(5)

1. Your Name:

Bradley S. Marino, MD, MPP, MSCE

2. Your Title:

Professor Pediatrics and Medical Social Sciences

Northwestern University Feinberg School of Medicine

Director, Center for Cardiovascular Innovation

Director, Cardiovascular Bridge Programs

Co-Director, Research and Academic Affairs

Co-Director, Neo-Heart Developmental Support Program

Divisions of Cardiology and Critical Care Medicine

Ann & Robert H. Lurie Children's Hospital of Chicago, IL

Chair for the American Heart Association Council for Cardiovascular Disease in the Young

Chair for the Pediatric Congenital Heart Association Medical Advisory Board

Chair for Cardiac Neurodevelopmental Outcome Collaborative

3. The Entity(ies) You are Representing:

Ann & Robert H. Lurie Children's Hospital

American Heart Association

Pediatric Congenital Heart Association

Children's Heart Foundation

Adult Congenital Heart Association

4. Are you testifying on behalf of the Federal, or a State or local government entity?

Yes

No
x

Please list any Federal grants or contracts, or contracts or payments originating with a foreign government, that you or the entity(ies) you represent have received on or after January 1, 2013. Only grants, contracts, or payments related to the subject matter of the hearing must be listed.

NIH: RO1 HL125918-01 Lampert (PI)

2/1/2015 – 1/31/2020

Role: Co-Investigator – 10% effort

\$127,680 (Lurie Portion)

Exercise in Genetic Cardiovascular Conditions (Lifestyle and Exercise in Hypertrophic Cardiomyopathy – LIVE HCM and Lifestyle and Exercise in the Long QT Syndrome – LIVE Long QT Syndrome)

The Aims of this study are: 1) To compare the risk of death, cardiac arrest, ventricular arrhythmias, or syncope in patients with HCM or LQTS who are participating in moderate or vigorous exercise with sedentary patients; and 2) To compare emotional and physical QOL between those exercising and not

Hypothesis: QOL will be greater in those patients exercising than those not

R01 NR002093 Medoff-Cooper (PI)

9/21/11 – 6/30/16

National Institute of Nursing Research

\$696,557 (Lurie Portion)

Role: Co-Investigator and Site PI – 12.5% effort

Transitional Telehealth Home Care: *REACH*

This Aim of this study is to compare the effects of a Transitional Telehealth Home Care (*REACH*) intervention to usual post-discharge care for infants following cardiac surgery.

2 R44 HL083541-03A1 Lurie (PI)

8/1/12 – 7/31/1

NIH/NHLBI SBIR Grant

\$369,638 (Lurie Portion)

Role: Co-Investigator and Clinical Site-PI – 20% effort

Resuscitation Using Novel Impedance Threshold Device in Pediatrics

The Aim of this study is to demonstrate proof of concept that application of intrathoracic pressure regulation (IPR) therapy will result in an increase in cardiac index in pediatric patients: a) with sepsis or b) who have undergone cardiac surgery for congenital heart disease (single ventricle and tetralogy of Fallot)

R01 HL098252-01 Yoganathan (PI)

2/01/10 – 7/01/15

NIH/NHLBI

\$116,903 (Cincinnati Portion)

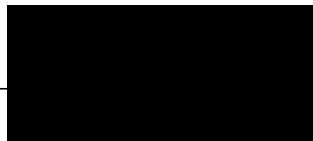
Role: Co-Investigator - 5% effort

Understanding Mechanisms of Fontan Failure and Key Predictors for Patient Outcome

The Aims of this study are to (1) perform a longitudinal analysis of total cavopulmonary connection (TCPC) hemodynamics and ventricular function; (2) compare the dynamics of the single ventricle and TCPC between rest and exercise using a Cardiac Magnetic Resonance (CMR) exercise protocol; and (3) conduct a cross-sectional assessment of patient quality of life to quantify clinical outcomes.

5. Please attach your curriculum vitae to your completed disclosure form.

Signature: _____



Date: 09/06/16

Bradley Scott Marino, MD, MPP, MSCE

CURRICULUM VITAE

PERSONAL DATA:

Date: June 3rd, 2016

[illegible]

EDUCATION:

University of Virginia, Charlottesville, Virginia
May, 1989
B.A., Bachelor of Arts in History with Honors

Harvard Medical School, Boston, Massachusetts
June, 1994
M.D., Doctor of Medicine

Harvard University, Cambridge, Massachusetts
John F. Kennedy School of Government
June, 1994
M.P.P., Master of Public Policy in Health Care Policy

Perelman School of Medicine at the University of Pennsylvania, Philadelphia, Pennsylvania
Center for Clinical Epidemiology and Biostatistics
May, 2005
M.S.C.E., Master of Science in Clinical Epidemiology

TRAINING:

Pediatric Residency
Johns Hopkins Hospital, Baltimore, MD
July 1994 – June 1997

Pediatric Cardiology Fellowship
The Children's Hospital of Philadelphia, Philadelphia, PA
July 1997 – June 2000

Pediatric Critical Care Medicine Fellowship
The Children's Hospital of Philadelphia, Philadelphia, PA
July 2000 – June 2002

PROFESSIONAL DEVELOPMENT:

Cincinnati Children's Hospital Medical Center Core Leadership Program
Cincinnati Children's Hospital Medical Center, Cincinnati, OH
August 2012-July 2013

Creating Breakthrough Performance in Healthcare Philanthropy
Cincinnati Children's Hospital Medical Center Leadership Team
Cincinnati Children's Hospital Medical Center, Cincinnati, OH
January 2014

LICENSURE/CERTIFICATION:

Medical Licenses:

Medical License, State of Pennsylvania, 1997-2014 (MD-062244L)
Medical License, State of Ohio, 2007-2014 (35-089739)
Medical License, State of Illinois, 2014-Present (036135352)

Board Certifications:

Diplomate of the National Board of Medical Examiners, 1995 (#428863)
Diplomate of the American Board of Pediatrics, 1997, Recertification 2004 and 2014 (#062288)
Diplomate of the Sub-Board of Pediatric Cardiology, 2000, Recertification 2007 (#1542)
Diplomate of the Sub-Board of Pediatric Critical Care Medicine, 2002, Recertification 2012 (#01071)

Clinical Certifications:

Pediatric Advanced Life Support (Most Recent 2015)
Advanced Cardiac Life Support (Most Recent 2013)
Advanced Trauma Life Support (2002 and 2008)

ACADEMIC APPOINTMENTS:

Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA:

7/1/2002–6/30/2007 Assistant Professor of Pediatrics
Department of Pediatrics

7/1/2002–6/30/2007 Assistant Professor of Anesthesia
Department of Anesthesiology and Critical Care

University of Cincinnati College of Medicine, Cincinnati, OH:

7/1/2007–6/30/2014 Associate Professor of Pediatrics
Department of Pediatrics

Northwestern University Feinberg School of Medicine, Chicago, IL:

7/1/2014-Present Professor of Pediatrics
Department of Pediatrics

7/1/2014-Present Professor of Medical Social Sciences
Department of Medical and Social Sciences

HOSPITAL APPOINTMENTS:

The Children's Hospital of Philadelphia, Philadelphia, PA:

7/1/2002–6/30/2007 Assistant Physician, Division of Cardiology
Attending Physician, Cardiac Intensive Care Unit
Department of Pediatrics

7/1/2002–6/30/2007 Assistant Physician, Division of Critical Care Medicine
Attending Physician, Pediatric Intensive Care Unit
Department of Anesthesiology and Critical Care

Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio:

7/1/2007–6/30/2014 Associate Professor, Division of Cardiology
Associate Professor, Division of Critical Care Medicine
Attending Physician, Cardiac Intensive Care Unit
Attending Physician, Heart Institute/Kindervelt Neurodevelopmental and
Educational Clinic
Department of Pediatrics

Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL:

7/1/2014–Present Professor, Division of Cardiology
Professor, Division of Critical Care Medicine
Attending Physician, Regenstein Cardiac Care Unit
Attending Physician, Neo-Heart Developmental Support Program
Department of Pediatrics

ADMINISTRATIVE APPOINTMENTS:

Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio:

10/1/2009–3/7/2014 Director, Heart Institute Research Core

10/1/2011–6/30/2013 Director, Heart Institute/Kindervelt Neurodevelopmental and Educational Clinic

7/1/2013–6/30/2014 Research Director, Heart Institute/Kindervelt Neurodevelopmental and Educational
Clinic

Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL:

7/1/2014–Present Member, Willis J. Potts Heart Center Executive Council

7/1/2014–Present Member, Division of Cardiology Physician Executive Committee

7/1/2014–Present Co-Director, Research and Academic Affairs

7/1/2014–Present Co-Director, Heart Center Research Core

7/1/2014–Present Director, Cardiovascular Bridge Programs between the Willis J. Potts Heart Center and
the Bluhm Cardiovascular Institute
Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
Northwestern Memorial Hospital, Chicago, IL

1/1/2015–Present Co-Director, Neo-Heart Developmental Support Program

ADMINISTRATIVE APPOINTMENTS:

Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL (continued):

7/1/2015–Present Director, Center for Cardiovascular Innovation
Stanley Manne Children's Research Institute, Chicago, IL

HONORS AND AWARDS:

University of Virginia:

1985 Echols Scholar
1986 Alpha Epsilon Delta Pre-Medical Honor Society

1988	Golden Key-Peat Marwick Scholarship
1988	Golden Key National Honor Society
1988	Omicron Delta Kappa
1988	Phi Beta Kappa
1989	Lawn Resident
1989	Phi Alpha Theta History Honor Society
1989	Raven Society

Harvard Medical School:

1990	Virginia Linnane Scholarship
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John F. Kennedy School of Government:

1992	Knowles Fellowship
1993	Teaching Assistantship for API-101 Microeconomics

Johns Hopkins Hospital:

1996–1997	Chair, Pediatric Morbidity and Mortality Conference
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The Children's Hospital of Philadelphia:

1999	Ann Newman Fellow in Pediatric Cardiology
2000	Bristol-Myers Squibb American College of Cardiology Travel Award
2004	Physician-Nursing Partnering Award Finalist
2005	Department of Anesthesiology and Critical Care Teaching Award
2006	Department of Anesthesiology and Critical Care Teaching Award
2006	2 nd Place Young Investigator Competition, Association of European Pediatric Cardiology Psychosocial Working Group

Cincinnati Children's Hospital Medical Center:

2008	Outstanding Abstract for Poster Presentation, 7 th International Conference of the Pediatric Cardiac Intensive Care Society
2008–2014	“Best Doctors in America” – Pediatric Cardiology and Pediatric Critical Care Medicine, <u>Cincy Magazine</u>
2012–2013	Cincinnati Children's Hospital Medical Center Core Leadership Program
2014	Heart Institute Peter B. Manning Educational Award

Ann & Robert H. Lurie Children's Hospital of Chicago:

2015	Pediatric Congenital Heart Association Heart Hero Award
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HONORS AND AWARDS (continued):

National Institute of Health:

2004	Pediatric Research Loan Repayment Program
2006	Pediatric Research Loan Repayment Program Renewal
2008	Pediatric Research Loan Repayment Program Renewal

Visiting Professorships:

September 23 rd , 2003	Great Ormond Street Hospital for Children, London, England
November 28 th , 2004	The Royal Brompton & Harefield NHS Trust, London, England
November 29 th , 2004	Birmingham Children's Hospital NHS Trust, Birmingham, England
November 30 th , 2004	Great Ormond Street NHS Trust, London, England
November 25 th , 2006	Little Heart Matters 10 th Anniversary Conference Keynote Speaker, London, England
October 20 th , 2010	Johns Hopkins School of Medicine 10 th Annual Weinstein Lecturer, Charlotte R. Bloomberg Children's Center, Johns Hopkins Hospital, Baltimore, MD
May 13 th , 2010	IX Reunion Internacional De Medicina Del Paciente Criticamente Enfermo, Mexico City, Mexico
May 15 th , 2012	Arkansas Children's Hospital Fellows' Research Day Keynote Speaker, Little Rock, AR

July 6 th , 2012	48 th Annual Meeting of the Japanese Society of Pediatric Cardiology and Cardiac Surgery, Kyoto, Japan
July 6 th , 2012	Trauma and Critical Care Center, Kyoto Medical Center, National Hospital Organization, Kyoto, Japan
May 30 th , 2013	Maria Farreri Children's Hospital at Westchester Medical Center Annual Perinatal Day Symposium sponsored by Chapter 3 of the American Academy of Pediatrics, Valhalla, NY
August 29 th , 2013	The Heart Center at The Children's Hospital of Philadelphia, Philadelphia, PA
September 9 th , 2013	Department of Clinical Epidemiology at Aarhus University Hospital and Institute of Clinical Medicine, Aarhus University, Denmark
October 19 th , 2013	Keynote Speaker, New England Congenital Cardiology Association Annual Meeting, Lenox, MA
October 28 th , 2013	The Heart Center at Texas Children's Hospital, Houston, TX
November 25 th , 2013	The Heart Center at the Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
April 16 th , 2014	Cardiology in the Young 2014, Institute for Child Health Great Ormond Street Hospital for Children, NHS Foundation Trust, London, UK
June 12 th , 2014	Annual Hyman Levy Lecturer, Department of Pediatrics Kravis Children's Hospital of the Mount Sinai Health System, New York, NY
October 16 th , 2014	Children's of Alabama, Birmingham, AL
October 29 th , 2014	2 nd Annual Children's Mercy Cardiac Forum, Children's Mercy Kansas City, Kansas City, MO
September 1 st , 2015	Stony Brook Children's, Stony Brook University Hospital, Stony Brook, NY
December 2 nd , 2015	Intellectual & Developmental Disabilities Research Centers Seminar Series, Children's National Medical Center, Washington, DC
March 16 th , 2016	Keynote Speaker, Association of European Pediatric Cardiology: Working Group on Psychosocial Care from Fetus to Adult Erasmus University Medical Center, Rotterdam, Netherlands
May 5 th , 2016	University of Virginia Children's Hospital Martha Carpenter Lecturer, University of Virginia Medical Center, Charlottesville, VA
May 19 th , 2016	Kathy Newman Memorial Lecturer, Tulane Lakeside Hospital for Women and Children, Department of Pediatrics, New Orleans, LA

PROFESSIONAL ORGANIZATIONS:

Scheduled Visiting Professorships:

September 15th, 2016 Heart Center at Lucille Packard Children's Hospital, Stanford University, Palo Alto, CA

Fellow Status in Professional Organizations:

2006–Present	Fellow American Academy of Pediatrics (FAAP)
2006–Present	Fellow American College of Cardiology (FACC)
2012–Present	Fellow American Heart Association (FAHA)

Membership in Professional Organizations:

1989–Present	Massachusetts Medical Society
1989–2003	American Medical Association
1994–Present	American Academy of Pediatrics
1998–Present	American College of Cardiology
1999–Present	American Heart Association
2001–Present	Society of Critical Care Medicine
2004–Present	Pediatric Cardiac Intensive Care Society
2008–Present	Association of Psychological Science
2010–Present	Society for Pediatric Research
2011–Present	Society of Clinical Research Associates

Positions Held in International/National Multicenter Research Groups or Committees:

2004–Present	Chair, Pediatric Cardiac Quality of Life Research Consortium – 19 pediatric cardiovascular centers in the United States and United Kingdom to advance research in health-related quality of life in children and adolescents with pediatric and congenital heart disease Ann & Robert H. Lurie Children’s Hospital of Chicago, Chicago, IL
2008–2014	Member, Fontan 2 Committee, Pediatric Heart Network, National Heart, Lung, and Blood Institute, Bethesda, MD
2011–Present	Member, Fontan 3 Committee, Pediatric Heart Network, National Heart, Lung, and Blood Institute, Bethesda, MD
2011–Present	Chair, Consortium Clinical Investigation of Congenital Heart Disease – 11 pediatric cardiovascular centers in the United States collaborating to advance research in the single ventricle population Ann & Robert H. Lurie Children’s Hospital of Chicago, Chicago, IL
2013–2014	Member, “Pediatric Heart Network Infant Single Ventricle Study/Single Ventricle Reconstruction Trial Genetic Predictors Ancillary Study”, Pediatric Heart Network, National Heart, Lung, and Blood Institute, Bethesda, MD
2014–Present	Member, “Utilization of Early Intervention Services in Young Children with Hypoplastic Left Heart Syndrome”, Pediatric Heart Network, National Heart, Lung, and Blood Institute, Bethesda, MD
2014–Present	Member, Research Committee, Pediatric Cardiac Critical Care Consortium (PC ⁴)
2015–Present	Co-Chair, Research Committee, Pediatric Cardiac Intensive Care Society
2015–Present	Member, Pediatric Heart Network Health Services Outcomes Committee (iCARD), Pediatric Heart Network, National Heart, Lung, and Blood Institute, Bethesda, MD

Positions Held in International/National/Regional Scientific and Academic Committees:International:

2011–2015	Member, Board of Directors, Pediatric Cardiac Intensive Care Society
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National:*American Heart Association, Dallas, TX:*

2007–2013	Member, Emergency Cardiovascular Care Pediatric Subcommittee
2008–2013	Liaison Member for Emergency Cardiovascular Care Pediatric Subcommittee on the Council on Cardiovascular Disease in the Young Leadership Committee
2008–2011	Co-Chair, “Neurodevelopmental Outcomes in Congenital Heart Disease: Evaluation and Management” Writing Group, for the American Heart Association Council on Cardiovascular Disease in the Young, and the American Academy of Pediatrics Section on Cardiology and Cardiac Surgery
2009–2010	Member, “Pediatric Advanced Life Support” Writing Group, Emergency Cardiovascular Care Council
2011–2015	Member, Congenital Cardiac Defects Science Subcommittee, Council on Cardiovascular Disease in the Young
2013–Present	Co-Chair, “Cardiopulmonary Resuscitation in Infants and Children with Cardiac Disease” Writing Group, Council on Cardiovascular Disease in the Young
2013–2016	Liaison Member for Emergency Cardiovascular Care Pediatric Forum for Resuscitation on the Council on Cardiovascular Disease in the Young Leadership Committee
2014–2016	Vice-Chair, Council on Cardiovascular Disease in the Young
2014–2016	Vice-Chair, Leadership Committee, Council on Cardiovascular Disease in the Young
2014–Present	Member, Nominating Committee, Council on Cardiovascular Disease in the Young

2014-Present	Member, Scientific Sessions Program Committee, Council on Cardiovascular Disease in the Young
2016-Present	Member, National Science Advisory and Coordinating Committee
2016-Present	Member, National Manuscript Oversight Subcommittee
2016-Present	Chair, Council on Cardiovascular Disease in the Young
2016-Present	Chair, Leadership Committee, Council on Cardiovascular Disease in the Young

Cardiac Neurodevelopmental Outcome Collaborative:

2013-Present	Co-Chair, Steering Committee, Cardiac Neurodevelopmental Outcome Collaborative
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American Academy of Pediatrics:

2014-Present	Member, Executive Committee, American Academy of Pediatrics Section on Cardiology and Cardiac Surgery, Elk Grove Village, IL
2015-Present	Co-Chair, Early Career Physicians Committee, American Academy of Pediatrics Section on Cardiology and Cardiac Surgery, Elk Grove Village, IL

Congenital Heart Public Health Consortium:

2012-Present	Member, Public Policy Committee
2013-2014	Member, Program Committee, Public Health Framework Workgroup
2015-Present	Co-Chair, Cardiac Neurodevelopmental, Psychosocial, and Quality of Life Working Group

PROFESSIONAL ORGANIZATIONS:

Positions Held in International/National/Regional Scientific and Academic Committees (continued):

National (continued):

National Pediatric Cardiology - Quality Improvement Collaborative

2015-Present	Member, Neurodevelopmental Work Group
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Medical Advisory Boards:

2011-Present	Member, Medical Advisory Board, Mended Little Hearts, Dallas, TX
2014-Present	Member, Medical Advisory Board, Children's Heart Foundation, Chicago, IL
2014-Present	Chair, Medical Advisory Board, Pediatric Cardiology Heart Association, Madison, WI

Expert Panels:

2012	Invited Participant, Centers for Disease Control and Prevention, Congenital Heart Defects Expert Meeting, Atlanta, GA
2013	Member, American Academy of Pediatrics/Center for Disease Control Workgroup to create Critical Congenital Heart Disease (CCHD): A Web Resource for Pediatricians Regarding Newborn Screening, Elk Grove Village, IL
2015	Invited Participant, American College of Cardiology Adult Congenital and Pediatric Cardiology Council, Liver Disease in the Post-Fontan Patient Stakeholder Meeting, Washington, DC

Regional:

1992-1994	Member, Massachusetts Medical Society Committee on Women's and Perinatal Health, Boston, MA
2008-2010	Member, Steering Committee, Greater Cincinnati Coalition for Emergency Cardiac Care (GCC4ECC), Cincinnati, OH
2008-2010	Member, Cardiology Sub-Committee, Greater Cincinnati Coalition for Emergency Cardiac Care (GCC4ECC), Cincinnati, OH

PROFESSIONAL ACTIVITIES:

INSTITUTIONAL SERVICE – SCIENTIFIC AND ACADEMIC COMMITTEES:

Harvard Medical School, Boston, MA:

1991	Member, Soviet-American Medical Student Exchange Program Leadership Committee, Harvard Medical School
1992–1994	Member, North House Pre-Medical Committee, Harvard College, Cambridge, MA
1992–1994	Member, Steering Committee of the Women's and Children's Health Issues Seminar, Harvard Medical School

Johns Hopkins Hospital, Baltimore, MD:

1994–1997	Member, House Staff Council
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PROFESSIONAL ACTIVITIES (continued):

INSTITUTIONAL SERVICE – SCIENTIFIC AND ACADEMIC COMMITTEES (continued):

The Children's Hospital of Philadelphia, PA:

2001–2002	Member, Department of Anesthesiology and Critical Care Education Committee
2003–2007	Member, Extracorporeal Membrane Oxygenation Committee
2004–2007	Member, Pediatric Advanced Care Team, Cardiac Liaison Palliative Care Team
2005–2007	Member, Cardiac Center Communications Committee
2006–2007	Member, Pain Management Committee

Cincinnati Children's Hospital Medical Center, Cincinnati, OH:

Hospital:

2008–2009	Member, Search Committee for Director of Protective Services
2008–2009	Co-Leader, Root Cause Analysis Team for Serious Safety Event 001-09
2008–2009	Member, Informatics for Integrating Biology and the Bedside Project – I2B2 Working Group
2009–2010	Co-Leader, Root Cause Analysis Team for Serious Safety Event 005-09 Responsible for Action Item on Improved Physician Collegiality
2013	Member, Root Cause Analysis Team for Serious Safety Event 002-12
2013–2014	Cardiopulmonary Resuscitation Committee

Departmental:

2007–2012	Member, Health Services Research Matrix Committee
2008–2013	Member, Clinical and Translational Research Leadership Group
2012–2014	Member, Health Services Research Core Steering Committee
2013–2014	Member, Mentorship Committee
2013–2014	Member, Data Management Core Advisory Committee

Heart Institute/Divisional:

2007–2009	Chair, Heart Institute Quality Assurance Committee
2007–2014	Member, Heart Institute Evidence Based Pathway Committee
2007–2014	Member, Process Improvement and Quality Improvement Committee, Cardiac Intensive Care Unit
2008–2014	Member, Fellowship Scholastic Oversight Committee Division of Emergency Medicine
2008–2014	Member, Fellowship Education Committee, Division of Cardiology

2008–2013	Team Leader, CICU Simulation Activities
2008–2009	Chair, Heart Institute Research Core Strategic Planning Committee
2009	Chair, Heart Institute Research Core Design Committee
2009–2014	Member, Fellowship Scholastic Oversight Committee, Heart Institute, Division of Cardiology
2011–2014	Member, Heart Institute Medical Leadership Team
2011–2013	Chair, Heart Institute Data Repository Steering Committee
2013–2014	Member-Immediate Past Chair, Heart Institute Data Repository Steering Committee
2012–2014	Member, Heart Institute Biorepository Steering Committee
2013–2014	Mentor-Facilitator Heart Institute Outcomes Research Group
2013–2014	Member, Executive Committee, Fontan Consultation Service

PROFESSIONAL ACTIVITIES (continued):

INSTITUTIONAL SERVICE – SCIENTIFIC AND ACADEMIC COMMITTEES (continued):

University of Cincinnati Medical Center, Cincinnati, OH:

Heart, Lung, and Vascular Institute:

2014	Member, Heart, Lung, and Vascular Institute Strategic Planning Committee
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Ann & Robert H. Lurie Hospital of Chicago, Chicago, IL:

Hospital:

2015-Present	Member, Quality Council
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Heart Center/Divisional:

2014-Present	Member, Heart Center Executive Council
2014-Present	Member, Division of Cardiology Physician Leadership Team
2014-Present	Co-Director, Research and Academic Affairs
2014-Present	Co-Director, Heart Center Research Core
2014-Present	Co-Chair, Heart Center Cardiovascular Research Review Committee
2014-Present	Member, Division of Cardiology Fellowship Scholastic Oversight Committee,
2014-Present	Member, Division of Cardiology Fellowship Program Evaluation Committee,
2014-Present	Member, Division of Critical Care Medicine Fellowship Scholastic Oversight Committee
2014-Present	Chair, Cardiovascular Bridge Program Executive Committee, Ann & Robert H. Lurie Children's Hospital of Chicago Heart Center and the Northwestern Memorial Hospital Bluhm Cardiovascular Institute

Stanley Manne Children's Research Institute, Chicago, IL:

2014-Present	Member, Stanley Manne Children's Research Institute Leadership Group
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INSTITUTIONAL SERVICE – RECRUITMENT ACTIVITIES:

The Children's Hospital of Philadelphia, Philadelphia, PA:

1997–2007	Cardiac Center Faculty and Fellows
2000–2007	Pediatric Critical Care Medicine Faculty and Fellows

Cincinnati Children's Hospital Medical Center, Cincinnati, OH

2007–2014	Heart Institute Faculty and Fellows
2007–2014	Pediatric Critical Care Medicine Faculty and Fellows
2009–2014	Division of Biostatistics and Epidemiology Faculty
2009-2014	Heart Institute Research Core research and administrative staff

Ann & Robert H. Lurie Hospital of Chicago, Chicago, IL:

2014-Present	Heart Center Faculty and Fellows
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2014–Present Pediatric Critical Care Medicine Faculty and Fellows
2014–Present Heart Center Research Core research and administrative staff

Northwestern Memorial Hospital, Chicago, IL

2014–Present Bluhm Cardiovascular Institute Faculty
2016–Present Bluhm Cardiovascular Institute Clinical Trials Unit research and administrative staff

PROFESSIONAL ACTIVITIES (continued):

TEACHING:

Organizing Committee for International/National Conferences:

2012 Chair, 1st Annual Heart Institute Family Day, Cincinnati, OH
2012 Member, Pediatric Cardiac Intensive Care Society 9th International Conference, Miami, FL
2013 Chair, 2nd Annual Pediatric Cardiac Neurodevelopmental Symposium, Cincinnati, OH
2013 Member, Cardiovascular Disease in the Young Scientific Sessions Program Committee, 86th Scientific Sessions of the American Heart Association, Dallas, TX
2013 Member, The United States of America Congenital and Pediatric Cardiology and Cardiac Surgery World Congress 2021 Bid Committee
2014 Member, 3rd Annual Pediatric Cardiac Neurodevelopmental Symposium, Atlanta, GA
2014 Member, 2nd Annual Aspen Conference on Cardiovascular Disease, Aspen, CO
2014 Member, Cardiovascular Disease in the Young Scientific Sessions Program Committee, 87th Scientific Sessions of the American Heart Association, Chicago, IL
2015 Member, 4th Annual Pediatric Cardiac Neurodevelopmental Symposium, Milwaukee, WI
2015 Member, Cardiovascular Disease in the Young Scientific Sessions Program Committee, 88th Scientific Sessions of the American Heart Association, Orlando, FL
2015 Co-Chair, Summit on Transparency and Public Reporting of Pediatric and Congenital Heart Disease Outcomes, Pediatric Congenital Heart Association, Chicago, IL
2015 Member, 1st Annual International Cardiology Neonatology Symposium, Miami, FL
2015 Co-Chair, Neurodevelopmental Outcomes Pre-Symposium Organizing Committee, Congenital and Pediatric Cardiology and Cardiac Surgery World Congress 2017, Istanbul, Turkey
2015 Co-Chair, 2nd Summit on Transparency and Public Reporting of Pediatric and Congenital Heart Disease Outcomes, Pediatric Congenital Heart Association, St. Petersburg, FL
2016 Co-Chair, 3rd Summit on Transparency and Public Reporting of Pediatric and Congenital Heart Disease Outcomes, Pediatric Congenital Heart Association, Atlanta, GA
2016 Chair, 2017 American Academy of Pediatrics National Conference and Exhibition, Section on Cardiology and Cardiac Surgery, Chicago, IL

Book Series:

1. Marino BS. Blueprint Series. General Series Editor for Blueprints in Pediatrics, Blueprints in Medicine, Blueprints in Obstetrics and Gynecology, Blueprints in Psychiatry, Blueprints in Surgery. 1st ed. Boston: Blackwell Science, 1998.

Books:

1. Marino BS, Snead K, McMillan J. Blueprints in Pediatrics. Boston: Blackwell Science, [1st ed. 1998, 2nd ed. 2001, 3rd ed. 2003] and Marino BS, Fine K. Blueprints in Pediatrics. Baltimore: Lippincott Williams & Wilkins, [4th ed. 2007, 5th ed. 2009, 6th ed. 2013].
2. Cardiovascular Section Editor for Zorc J, Schwartz's Clinical Handbook of Pediatrics. Baltimore: Lippincott Williams & Wilkins, [4th ed. 2009, and 5th ed. 2013].
3. Cardiac Surgery and Critical Care Section Editor for Wheeler DS, Shanley TP, Wong HR. Pediatric Critical Care Medicine: Basic Science and Clinical Evidence. New York, Springer-Verlag, 2nd ed. 2014

PROFESSIONAL ACTIVITIES (continued):

TEACHING (continued):

Books (continued):

4. Outcomes, Long-Term Follow-up and Cardiac Recovery Section Editor for da Cruz E, Ivy DD, Jagers J, Hraska V. Pediatric Cardiology, Cardiac Surgery and Cardiac Intensive Care. London, UK: Springer-Verlag, 1st ed. 2014 (In e-Press)

Book Chapters:

For other solicited book chapters see: Book Chapters Section.

Educational Materials:

1. Marino BS. Considerations for Evaluation of the Cyanotic Neonate, for Hazinski MF, Samson R, Schexnayder S. 2010 Handbook of Emergency Cardiovascular Care for Healthcare Providers. Dallas: American Heart Association, 2010.
2. Kemper AR, Freed Garg L, Smith Hokanson J, Marino BS, Govindaswami B, Oster M. Technical Advisory Panel for the American Academy of Pediatrics/Center for Disease Control Critical Newborn Screening for Critical Congenital Heart Disease – Answers and Resources for Primary Care Pediatricians. American Academy of Pediatrics News 2013; 34(10):35.
3. Marino BS. Considerations for Evaluation of the Cyanotic Neonate, for Hazinski MF, Samson R, Schexnayder S. 2015 Handbook of Emergency Cardiovascular Care for Healthcare Providers. Dallas: American Heart Association, 2015. (In Press)

Clinical effort includes teaching fellows, residents, medical students, and graduate students during the following activities at the Ann & Robert Lurie Children's Hospital of Chicago:

1. Clinical supervision of cardiology, critical care medicine, neonatology, anesthesiology fellows, advanced practice nurses, pediatric residents, and medical students in the Cardiac Intensive Care Unit.
2. Neo-Heart Developmental Support Program Clinic - 2 days per month (To begin in Summer 2016).
3. Didactic lectures to the cardiology, critical care, neonatology fellows, anesthesiology fellows, pediatric residents, and medical students.
4. Co-facilitator, Cardiac Intensive Care Unit Professor Rounds, Teaching Conference for the cardiology fellows, critical care fellows, residents, advanced practice nurses, weekly
1. Intensive Care Unit Teaching Series, Teaching conference for the cardiology fellows, critical care fellows, and neonatology fellows, weekly

Teaching Awards:

John F. Kennedy School of Government, Harvard University:
1993 Teaching Assistantship for API-101 Microeconomics

The Children's Hospital of Philadelphia:

2005 Department of Anesthesiology and Critical Care Teaching Award
2006 Department of Anesthesiology and Critical Care Teaching Award

Cincinnati Children's Hospital Medical Center:

2014 Heart Institute Peter B. Manning Educational Award

PROFESSIONAL ACTIVITIES (continued):

EDITORIAL RESPONSIBILITIES:

2014-2015 *Journal of the American College of Cardiology* – Section Editor Pediatric Congenital Diseases

REVIEW RESPONSIBILITIES:

Grant Review:

2008 Grant Peer Reviewer - American Heart Association – R1 Radiology, Imaging, and Surgery
2010 Grant Peer Reviewer - Cincinnati Children's Hospital Medical Center –
Place Outcomes Research Awards
2011 Grant Peer Reviewer - Cincinnati Children's Hospital Medical Center –
Place Outcomes Research Awards
2012 Grant Peer Reviewer - American Heart Association – Cardiovascular Development Clinical
2013 Grant Peer Reviewer - American Heart Association – Cardiovascular Development Clinical
2015 Grant Peer Reviewer - Northwestern University Clinical and Translational Sciences Institute - KL2
2015 Grant Peer Reviewer – Children's Heart Foundation

Manuscript Review:

2005–Present Cardiology in the Young
2005–Present Journal of the American College of Cardiology
2005–Present Circulation
2006–Present Pediatrics
2006–Present Journal of Thoracic and Cardiovascular Surgery
2007–Present Journal of Pediatrics
2008–Present Critical Care Medicine
2008–Present Quality of Life Research
2008–Present Annals of Cardiac Anesthesia
2010–Present Journal of Pediatric Psychology

Abstract Review:

2007 Abstract Grader - American Heart Association Scientific Sessions
2008 Abstract Grader - American Heart Association Scientific Sessions
2009 Abstract Grader - American Heart Association Scientific Sessions
2010 Abstract Grader - American Heart Association Scientific Sessions
2011 Abstract Grader - American Heart Association Scientific Sessions
2012 Abstract Grader - American Heart Association Scientific Sessions
2013 Abstract Grader - American Heart Association Scientific Sessions
2012 Abstract Grader - Pediatric Academic Society
2012 Abstract Grader - Cardiology 2012: 16th Annual Update on Pediatric and Congenital Cardiovascular Disease
2014 Abstract Grader - Cardiology 2014: 17th Annual Update on Pediatric and Congenital Cardiovascular Disease
2014 Abstract Grader - American Heart Association Scientific Sessions
2015 Abstract Grader - American Heart Association Scientific Sessions

GRANT AWARDS:

Current:

1. Children's Heart Foundation Marino (PI)
Role: PI – 20% effort

1/1/12 – 12/31/15
\$200,000

Do Serum Biochemical and Hematopoietic, and Stool Biomarkers Predict Low Cardiac Index in Patients with Fontan Physiology?

The Aim of this study is to assess whether serum biochemical and hematopoietic, and stool biomarker levels related to 6 organ systems (heart, bone, bone marrow, kidney, liver, intestine) known to be affected by Fontan physiology can predict CI in Fontan survivors.

2. NIH: RO1 HL125918-01 Lampert (PI)
1/31/2020

2/1/2015 –

Role: Co-Investigator – 10% effort \$127,680 (Lurie Portion)

Exercise in Genetic Cardiovascular Conditions (Lifestyle and Exercise in Hypertrophic Cardiomyopathy – LIVE HCM and Lifestyle and Exercise in the Long QT Syndrome – LIVE Long QT Syndrome)

The Aims of this study are: 1) To compare the risk of death, cardiac arrest, ventricular arrhythmias, or syncope in patients with HCM or LQTS who are participating in moderate or vigorous exercise with sedentary patients; and 2) To compare emotional and physical QOL between those exercising and not

Hypothesis: QOL will be greater in those patients exercising than those not

3. R01 NR002093 Medoff-Cooper (PI)

9/21/11 – 6/30/16

National Institute of Nursing Research

\$696,557 (Lurie Portion)

Role: Co-Investigator and Site PI – 12.5% effort

Transitional Telehealth Home Care: *REACH*

This Aim of this study is to compare the effects of a Transitional Telehealth Home Care (*REACH*) intervention to usual post-discharge care for infants following cardiac surgery.

4. 2 R44 HL083541-03A1 Lurie (PI) 8/1/12 – 7/31/16

NIH/NHLBI SBIR Grant

\$369,638 (Lurie Portion)

Role: Co-Investigator and Clinical Site-PI – 20% effort

Resuscitation Using Novel Impedance Threshold Device in Pediatrics

The Aim of this study is to demonstrate proof of concept that application of intrathoracic pressure regulation (IPR) therapy will result in an increase in cardiac index in pediatric patients: a) with sepsis or b) who have undergone cardiac surgery for congenital heart disease (single ventricle and tetralogy of Fallot)

5. AHA 14BGIA18740061 Goldstein (PI)

1/1/14 – 12/31/15

American Heart Association Beginning Grant-in-Aid

\$132,000

Role: Co-Investigator and Mentor – 5% effort

“Utilizing Vascular Function to Predict Functional Outcomes in Fontan Survivors”

This study is a single-center cross-sectional study of contemporaneous measures of functional outcomes (exercise performance, health status and quality of life) and comprehensive assessment of vascular function in Fontan survivors.

GRANT AWARDS (continued):

Current (continued):

6. GRIFOLS Cooper (PI)

GRIFOLS Investigator Initiated Research Fund

7/1/14 – 6/30/16

Role: Co-Investigator and Mentor – 5% effort

\$394,506

“Evaluation of the Pharmacokinetics of Anti-thrombin III in Neonates and Infants Undergoing Cardiopulmonary Bypass and Extracorporeal Membrane Oxygenation”

This study is a prospective pharmacokinetic study to assess the pharmacokinetic properties of ATIII in neonates and infants who receive extracorporeal support to achieve the following Aims: 1) To determine whether the

pharmacokinetics of a single dose of hpATIII is different in neonates and infants as compared to adults; 2) To determine whether ECMO/CPB will influence the clearance of a single dose of hpATIII; 3: To determine whether ECMO will influence the clearance of hpATIII administered as a continuous infusion

Past:

1. 5-K23-HD048637-0 Marino (PI) 2/15/05 – 12/31/10
NICHD Mentored Patient-Oriented Research Career Development Award \$742,000
Role: PI - 75% effort
Testing the Pediatric Cardiac Quality of Life Inventory (PCQLI)
This study is a multi-center multi-national testing trial assessing the psychometric properties of the PCQLI. The Aims of this study were to test the reliability, validity, generalizability, and responsiveness of the PCQLI.
2. 0465467U Marino (PI) 7/1/04 – 6/30/06
American Heart Association Pennsylvania Delaware Affiliate \$90,910
Beginning Grant in Aid
Role: PI - 40% effort
Quality of Life Assessment in the Pediatric Cardiac Population: Testing the Pediatric Cardiac Quality of Life Inventory (PCQLI)
This study is a multi-center multi-national testing trial assessing the psychometric properties of the PCQLI.
3. Institutional Development Fund Marino (PI) 7/1/04 – 6/30/07
The Children's Hospital of Philadelphia \$539,705
Role: PI - 75% effort
Testing the Pediatric Cardiac Quality of Life Inventory (PCQLI) and Testing of the Impedance Threshold Device in Pediatric Patients
This grant funded ongoing studies to assess the psychometric properties of the PCQLI and the efficacy of the impedance Threshold Device in the pediatric population.
4. 31-554000-355514 Marino (PI) 7/1/07 – 6/30/13
Cincinnati Children's Hospital Research Foundation \$4,263,710
Role: PI - 30% effort
Outcomes Research in Children with Complex Congenital Heart Disease
This Aims of this study are: 1) To assess the psychometric properties of the Pediatric Cardiac Quality of Life Inventory (PCQLI) in a multi-center multi-national validation study; 2) Use the data gathered in the PCQLI Data Registry to perform novel studies assessing predictors of worse neurodevelopmental, self-perception, behavioral and emotional functioning, and quality of life in acquired and congenital heart disease survivors; and 3) Use the team, systems, and processes created to accomplish these outcomes research studies as a progenitor to create the Heart Institute Research Core.

GRANT AWARDS (continued):

Past (continued):

5. RO1 NR 002093, MO1 RR000240 Medoff-Cooper (PI) 9/6/02 – 5/31/07
NIH/National Institute of Nursing Research \$3,192,764
Role: Collaborator - 10% effort
Feeding Behaviors and Energy Balance: Infants with Congenital Heart Disease
This study is a cohort study comparing the feeding, growth, and development of infants with single ventricle and two-ventricle congenital heart disease, who require heart surgery during the first month of life, with normal controls.
6. R43 HL083541-01 Lurie (PI) 3/1/06 – 8/1/08

- NIH/NHLBI \$317,676
 Role: Consultant
 Resuscitation using novel impedance threshold devices in pediatrics
 The goal of this proposal is to demonstrate the proof of concept of a novel resuscitative strategy for hypovolemic shock in pediatrics that improves outcomes. The strategy involves the use of an impedance threshold device (ITD) in spontaneously breathing infants and children and the intrathoracic pressure regulator (ITPR) in patients requiring assisted ventilation.
7. R01 HL098252-01 Yoganathan (PI) 2/01/10 – 7/01/15
 NIH/NHLBI \$116,903
 (Cincinnati Portion)
 Role: Co-Investigator - 5% effort
 Understanding Mechanisms of Fontan Failure and Key Predictors for Patient Outcome
 The Aims of this study are to (1) perform a longitudinal analysis of total cavopulmonary connection (TCPC) hemodynamics and ventricular function; (2) compare the dynamics of the single ventricle and TCPC between rest and exercise using a Cardiac Magnetic Resonance (CMR) exercise protocol; and (3) conduct a cross-sectional assessment of patient quality of life to quantify clinical outcomes.
8. NR-0122 Anderson (PI) 9/1/11 – 8/31/14
 Thrasher Research Fund - Early Career Development Award \$25,000
 Role: Co-Investigator and Mentor – 5% effort
 Nutritional Deficiencies in Infants with Single Ventricle Congenital Heart Disease
 The Aim of this study is to assess the relationship between poor growth in infants with single ventricle (SV) congenital heart disease, resting energy expenditure (REE) and biomarkers of nutrition and the relationship of these markers to weight changes. The funding from this grant is paying for expenses to measure REE in infants in this study.
9. ELSO Research Grant Cooper (PI) 7/1/12 – 6/30/14
 ELSO Grant \$10,000
 Role: Co-Investigator and Mentor– 5% effort
 Outcomes in Patients Requiring More than a Single Course of ECMO Therapy
 The Aim of this study is to describe the morbidity and mortality experienced by patients (neonates, infants, children, adolescents, and adults) receiving more than a single course of ECMO. Additionally, risk factors for morbidity and mortality will be explored.
10. Society of Pediatric Radiology Wallihan (PI) 9/1/13 – 8/31/14
 New Investigator Pilot Grant \$10,000
 Role: Co-Investigator – 2% effort
 Magnetic Resonance Elastography in Fontan Patients
 The Aim of this study is to assess whether liver stiffness measured by MRE can be correlated with the duration of Fontan circulation, cardiac function, central venous pressure and clinical markers of hepatic dysfunction.

GRANT AWARDS (continued):

Past (continued):

11. U01-HL68279 Vetter (PI) 9/13/06 – 8/31/11
 NIH/NHLBI \$452,045
 Pediatric Heart Network
 Role: Associate Director Clinical Research Skills Development Core - 5% effort
 Clinical Research Skills Development Core Training Grant
 This grant funded a Clinical Research Skills Development Core in the Division of Cardiology in the Cardiac Center at The Children's Hospital of Philadelphia

12. U01-HL68279 Vetter (PI) 9/13/06 - 8/31/11
NIH/NHLBI \$1,004,375
Pediatric Heart Network
Role: Collaborator - 1% effort
The major goal of this project is to network with other pediatric institutions across the country to study the causes and treatments for Pediatric Heart Disease.
13. U01-HL68279 Vetter (PI) 9/1/01 – 8/31/06
NIH/NHLBI \$1,812,150
Pediatric Heart Network
Role: Collaborator - 1% effort
The major goal of this project is to network with other pediatric institutions across the country to study the causes and treatments for Pediatric Heart Disease.
14. U01 HL68270-05 Krawczeski (PI) 9/01/05 – 8/31/08
NIH/NHLBI \$NA
Pediatric Heart Network
Role: Co-investigator - 1% effort
Trial of Right Ventricular versus Modified Blalock-Taussig Shunt in Infants with Single Ventricle Defect Undergoing Staged Reconstruction
This project, the first-ever multi-center randomized trial in pediatric cardiac surgery, is evaluating 2 modifications of the Norwood procedure in infants with hypoplastic heart syndrome.
15. CTRC 2064 Cohen (PI) 7/1/07–
6/30/09
University of Pennsylvania University Research Foundation \$100,000
Role: Co-Investigator - 5% effort
The Impact of Obesity in Patients with Congenital Heart Disease: A Pilot Study of Prevalence, Etiology, and Cardiovascular Impact

This study assessed the prevalence, etiology, and impact of obesity on children and adolescents who have had congenital heart surgery for transposition of the great arteries.

PHILANTHROPIC AWARDS (Selected Awards greater than \$100,000):

Current:

1. A Giving Heart Foundation Marino 7/1/16 – 9/30/18
Role: Director, Neo-Heart Developmental Support Program \$200,000
This gift supports multi-disciplinary staffing in the Neo-Heart Developmental Support Program for complex congenital heart disease survivors
2. Children's Research Fund North Suburban Board Marino 9/1/15 – 8/30/17
Role: PI \$100,000
Interventions to Prevent and Treat Neurodevelopmental Issues in Children with Complex Congenital Heart Disease
The Aim of this study is to develop novel neurodevelopmental and psychosocial interventions in a multidisciplinary cardiac neurodevelopmental program to treat important neurodevelopmental and psychosocial issues in complex congenital heart disease survivors

3. Richard and Mary DeBoer Foundation Marino
Role: Director, Cardiovascular Bridge Programs
Northwestern Medicine Cardiovascular Bridge Programs

9/1/2015 – 8/30/20
\$250,000

This gift supports the development of the CARD database and accompanying research infrastructure for the Cardiovascular Bridge Programs between the Ann & Robert H. Lurie Children's Hospital of Chicago and the Bluhm Cardiovascular Institute at Northwestern Memorial Hospital to support "generational research" in the bicuspid aortic valve/aortopathy, heart failure/transplant/mechanical support, congenital heart disease, and preventive cardiology populations.

4. Michael Polsky Marino
8/30/19

9/1/2014 –

Role: Director, Cardiovascular Bridge Programs
Northwestern Medicine Cardiovascular Bridge Programs

\$250,000

This gift supports the development of the CARD database and accompanying research infrastructure for the Cardiovascular Bridge Programs between the Ann & Robert H. Lurie Children's Hospital of Chicago and the Bluhm Cardiovascular Institute at Northwestern Memorial Hospital to support "generational research" in the bicuspid aortic valve/aortopathy, heart failure/transplant/mechanical support, congenital heart disease, and preventive cardiology populations.

Past:

1. Kindervelt Foundation Heart Institute Executive Directors/Marino

7/1/12 – 6/30/16

Role: Director, Heart Institute Neurodevelopmental and Educational Clinic

\$2,000,000

The Heart Institute Neurodevelopmental and Educational Clinic

This grant was given to Dr. Marino and the Heart Institute Neurodevelopmental and Educational Clinic to help support the salaries of the clinical providers and research efforts within the clinic during its start-up phase.

INVITED LECTURES:

International Lectures:

September 23 rd , 2003	"Defining "Quality of Life" in Children and Adolescents with Congenital Heart Disease – The Pediatric Cardiac Quality of Life Inventory," Great Ormond Street Hospital for Children, London, England
November 28 th , 2004	"Testing the Pediatric Cardiac Quality of Life Inventory," The Royal Brompton & Harefield NHS Trust, London, England
November 29 th , 2004	"Testing the Pediatric Cardiac Quality of Life Inventory," Birmingham Children's Hospital NHS Trust, Birmingham, England
November 30 th , 2004	"Testing the Pediatric Cardiac Quality of Life Inventory," Great Ormond Street NHS Trust, London, England
November 25 th , 2006	"Hypoplastic Left Heart Syndrome: The Philadelphia Experience," Keynote Address Little Heart Matters 10 th Anniversary Conference, London, England

November 25 th , 2006	“Assessing Quality of Life in Children and Adolescents with Heart Disease,” Little Heart Matters 10 th Anniversary Conference, London, England
May 13 th , 2010	“Cardiopulmonary Interactions in the Post-Operative Period after Cardiac Surgery: Is mechanical ventilation important?” Reunion Internacional De Medicina Del Paciente Criticamente Enfermo, Mexico City, Mexico
May 13 th , 2010	“Postoperative Neurologic Complications. Can the risk be reduced?” Reunion Internacional De Medicina Del Paciente Criticamente Enfermo, Mexico City, Mexico
May 13 th , 2010	“Postoperative Right Ventricular Failure. Can it turn out to be intractable?” Reunion Internacional De Medicina Del Paciente Criticamente Enfermo, Mexico City, Mexico
May 13 th , 2010	“Postoperative Arrhythmias,” Reunion Internacional De Medicina Del Paciente Criticamente Enfermo, Mexico City, Mexico
July 6 th , 2012	“The Impact of Neurodevelopmental and Psychosocial Outcome on QOL in Children and Adolescents with Complex Congenital Heart Disease,” 48 th Annual Meeting of the Japanese Society of Pediatric Cardiology and Cardiac Surgery, Kyoto, Japan
July 6 th , 2012	“The Impact of Neurodevelopmental and Psychosocial Outcome on QOL in Children and Adolescents with Complex Congenital Heart Disease,” Critical Care Medicine Grand Rounds, Trauma and Critical Care Center, Kyoto Medical Center, National Hospital Organization, Kyoto, Japan
February 19 th , 2013	“Optimizing Neurodevelopmental Outcomes: Consensus Out of Conflict – The Research Perspective,” Children’s Hospital of Wisconsin Breakfast Symposium, 6th World Congress of Paediatric Cardiology and Cardiac Surgery, Cape Town, South Africa
February 21 st , 2013	“Quality of Life: Survival Is Guaranteed but How Are the Patients Doing?” Plenary Session, 6th World Congress of Paediatric Cardiology and Cardiac Surgery, Cape Town, South Africa
February 22 nd , 2013	“Quality of Life in Patients with Congestive Heart Failure,” Cincinnati Children’s Hospital Medical Center Heart Institute Breakfast Symposium, 6th World Congress of Paediatric Cardiology and Cardiac Surgery, Cape Town, South Africa

INVITED LECTURES (continued):

International Lectures (continued):

- September 10th, 2013 “Long-Term Neurodevelopmental Outcome & its Impact on Quality of Life in Complex CHD Survivors,”
Department of Clinical Epidemiology at Aarhus University
Hospital and Institute of Clinical Medicine, Aarhus University,
Aarhus, Denmark
- April 16th, 2014 “Measures of Neurodevelopmental Outcome in CHD – Which are the Important Ones and How Should We Follow Them,”
Cardiology in the Young 2014
Institute for Child Health
Great Ormond Street Hospital for Children, NHS Foundation
Trust,
London, UK
- April 16th, 2014 “Determinants of Quality of Life in Children and Young People with Congenital Heart Disease,”
Cardiology in the Young 2014
Institute for Child Health
Great Ormond Street Hospital for Children, NHS Foundation
Trust,
London, UK
- March 16th, 2016 “Quality of Life in Congenital Heart Disease Survivors: Creating New Models of Intervention to Promote Resilience and Minimize Disability,”
Association of European Pediatric Cardiology: Working Group on Psychosocial Care from Fetus to Adult, Keynote Speaker,
Erasmus MC, University Medical Center Rotterdam, Rotterdam, Netherlands

National Lectures:

November 30 th , 2001	“Developing a Research Tool to Assess Quality of Life in Children and Adolescents With Heart Disease: Preliminary Data,” Southeastern Pediatric Cardiology Society Annual Meeting, Jackson, MS
November 30 th , 2001	“Early and Late Re-intervention after the Ross Procedure,” Southeastern Pediatric Cardiology Society Annual Meeting, Jackson, MS
February 21 st , 2002 Disease,”	“Defining Quality of Life in Patients with Congenital or Acquired Heart Cardiology 2002: Annual Update on Pediatric and Congenital Cardiovascular Disease, Orlando, FL
February 24 th , 2002	“Postoperative Issues Following the Ross Procedure,” Cardiology 2002: Annual Update on Pediatric and Congenital Cardiovascular Disease, Orlando, FL
February 25 th , 2004 Heart	“Defining ‘Quality of Life’ in Children and Adolescents with Congenital Disease – The Pediatric Cardiac Quality of Life Inventory,” Cardiac Center Administrator Workshop, Cardiology 2004: Annual Update on Pediatric Cardiovascular Disease, Orlando, FL
February 28 th , 2004 Surgery,”	“Post-operative Care and Long Term Follow-up after Aortic Valve Cardiology 2004: Annual Update on Pediatric and Congenital Cardiovascular Disease, Orlando, FL
February 28 th , 2004“	Update on the Development of a Congenital Heart Disease Quality of Life Instrument,” Cardiology 2004: Annual Update on Pediatric and Congenital Cardiovascular Disease, Orlando, FL
January 14 th , 2005	“Assessing Quality of Life in Children and Adolescents with Heart Disease: Testing the Pediatric Cardiac Quality of Life Inventory,” Division of Cardiology Grand Rounds Phoenix Children’s Hospital, Phoenix, AZ
February 1 st , 2005	“Testing the Pediatric Cardiac Quality of Life Inventory,” Department of Cardiology Grand Rounds Children’s Hospital Boston, Boston, MA
February 8 th , 2005	“Testing the Pediatric Cardiac Quality of Life Inventory,” Division of Cardiology Grand Rounds Children’s Hospital of Wisconsin, Milwaukee, WI
March 8 th , 2005	“How Do We Judge What We Do? Quality of Life Scales in Congenital Heart Disease,” Meet the Experts Session, 54 th Scientific Sessions of the American College of Cardiology, Orlando, FL
May 19 th , 2005	“Testing the Pediatric Cardiac Quality of Life Inventory,” Division of Cardiology Grand Rounds Children’s Medical Center of Dallas, University of Texas Southwestern Medical School, Dallas, TX
May 25 th , 2005	“Testing the Pediatric Cardiac Quality of Life Inventory,” Division of Cardiology Grand Rounds

	University of California San Francisco Benioff Children's Hospital, University of California San Francisco, San Francisco, CA
December 9 th , 2005	“Data Benchmarking and Outcomes Analysis: Rationale and Current Challenges,” Pediatric Cardiac Intensive Care Society 6 th International Conference, Miami, FL
February 9 th , 2006	“The Pediatric Cardiac Quality of Life Inventory: A New Tool for Measuring Quality of Life in Pediatric Cardiac Patients,” Cardiology 2006: Annual Update on Pediatric and Congenital Cardiovascular Disease, Scottsdale, AZ
February 12 th , 2006	“Long-Term Outcome after the Ross Procedure,” Cardiology 2006: Annual Update on Pediatric and Congenital Cardiovascular Disease, Scottsdale, AZ

INVITED LECTURES (continued):

National Lectures (continued):

October 16 th , 2006 Development and	“Assessing Quality of Life in Children with Heart Disease: The Testing of the Pediatric Cardiac Quality of Life Inventory,” The Children's Hospital, Denver, CO.
November 3 rd , 2006	“Assessing Quality of Life in Children with Heart Disease: The Pediatric Cardiac Quality of Life Inventory,” Mattel Children's Hospital at University of California Los Angeles Medical Center, Los Angeles, CA
November 29 th , 2006	“Assessing Quality of Life in Children with Heart Disease: The Development and Testing of the Pediatric Cardiac Quality of Life Inventory,” Cincinnati Children's Hospital Medical Center, Cincinnati, OH
December 20 th , 2006	“Assessing Quality of Life in Children with Heart Disease: The Development and Testing of the Pediatric Cardiac Quality of Life Inventory,” Morgan Stanley Children's Hospital of New York- Presbyterian Columbia University Medical Center, New York, NY
March 12 th , 2007	“Assessing Quality of Life in Children with Heart Disease: The Development and Testing of the Pediatric Cardiac Quality of Life Inventory,” Lucille Packard Children's Hospital at Stanford University, Stanford, CA
February 7 th , 2008	“Arrhythmias at Mid-Term Follow-Up After the Ross Procedure,” Cardiology 2008: Annual Update on Pediatric and Congenital Cardiovascular Disease, Scottsdale, AZ
February 8 th , 2008	“How to Define and Measure Health Related Quality of Life,” Cardiology 2008: Annual Update on Pediatric and Congenital Cardiovascular Disease, Scottsdale, AZ
March 25 th , 2008 Development and	“Assessing Quality of Life in Children with Heart Disease: The Testing of the Pediatric Cardiac Quality of Life Inventory,” Children's Hospital at Montefiore, New York, NY

May 5 th , 2008	“Quality of Life Assessment and Special Population Considerations,” Consensus Conference on Outcomes for Resuscitation Science, Washington, DC
April 29 th , 2009	“Career Development Pathways in Clinical and Translational Research,” Pediatric Heart Network Clinical Research Skills Development Seminar, National Heart Lung Blood Institute, Bethesda, MD
May 28 th , 2009	“Assessing Health Related Quality of Life in the Pediatric Cardiac Population: Harnessing the Potential of the PCQLI to Improve Long-Term Outcomes,” C.S. Mott Children’s Hospital, Ann Arbor, MI
July 9 th , 2009	“Congenital Cardiac Malformations,” Pediatric Multidisciplinary Critical Care Review Course, 2009, Society of Critical Care Medicine, San Francisco, CA
July 9 th , 2009	“Arrhythmia Recognition,” Pediatric Multidisciplinary Critical Care Review Course, 2009, Society of Critical Care Medicine, San Francisco, CA
July 28 th , 2009	“Assessing Health Related Quality of Life in the Pediatric Cardiac Population: Harnessing the Potential of the PCQLI to Improve Long-Term Outcomes,” Children’s Memorial Hospital, Chicago, IL
August 26 th , 2009	“Assessing Health Related Quality of Life in the Pediatric Cardiac Population: Harnessing the Potential of the PCQLI to Improve Long-Term Outcomes,” Duke Medical Center, Durham, NC
October 20 th , 2009	“Career Development Pathways in Clinical Research,” Children’s Healthcare of Atlanta, Atlanta, GA

INVITED LECTURES (continued):

National Lectures (continued):

November 13 th , 2009	“ILCOR Worksheet Presentation: Peds 055B: Resuscitation of Infants and Children with the Fontan and/or Hemi-Fontan/Bidirectional Glenn Circulation,” American Heart Association Emergency Cardiac Care Meetings, Orlando, FL
February 10 th , 2010	“Developing a Database: How and When to Involve the Statistician,” Cardiology 2010: 13 th Annual Update on Pediatric and Congenital Cardiovascular Disease, Lake Buena Vista, FL
February 10 th , 2010	“Factors Affecting QOL in Children and Young Adults with Aortic Valve Disease” Cardiology 2010: 13 th Annual Update on Pediatric and Congenital Cardiovascular Disease, Lake Buena Vista, FL
February 12 th , 2010	“Outcomes Following the Ross Procedure,” Cardiology 2010: 13 th Annual Update on Pediatric and Congenital Cardiovascular Disease, Lake Buena Vista, FL
February 13 th , 2010	“Quality of Life in Children with Heart Failure,”

February 13 th , 2010 Up	Cardiology 2010: 13 th Annual Update on Pediatric and Congenital Cardiovascular Disease, Lake Buena Vista, FL “Next Steps: Development of an International Neurodevelopmental Follow-Registry,”
May 17 th , 2010	Cardiology 2010: 13 th Annual Update on Pediatric and Congenital Cardiovascular Disease, Lake Buena Vista, FL. “Management of Acute Decompensated Heart Failure in Pediatric Intensive Care,”
September 30 th , 2010	Pediatric Critical Care Colloquium 2010, Pittsburgh, PA. “Resuscitation in Unique Patient Populations: Are Cardiac Kids NOT like the
October 4 th , 2010	Other Ones?” 21 st Annual ELSO Conference 2010, Tampa, FL “Resuscitation in Congenital Heart Disease Populations: Is it Different if they are Supposed to be Blue?”
October 20 th , 2010	American Academy of Pediatrics National Conference and Exhibition, San Francisco, CA “Assessing Health Related Quality of Life in the Pediatric Cardiac Population,”
November 13 th , 2010	Johns Hopkins School of Medicine 10 th Annual Weinstein Lecture, Baltimore, MD “Early Career: Breakout in Pediatric Cardiology--Surviving in the Real World: Translational Research,”
December 9 th , 2010	American Heart Association 2010 Scientific Sessions, Chicago, IL “Resuscitation of the Infant or Child after Bidirectional Glenn/hemi-Fontan or
February 3 rd , 2011	Fontan procedures,” Pediatric Cardiac Intensive Care Society 8 th International Conference, Miami Beach, FL “Neurological and QOL Issues in TOF Survivors,”
February 5 th , 2011	The Children’s Hospital of Cardiology 2011: 15th Annual Update “Objectively Measured Quality of Life in Children and Adolescents with Implanted Defibrillators,”
	Cardiology 2011: 15th Annual Update

INVITED LECTURES (continued):

National Lectures (continued):

27th Annual Children's National Medical Center Symposium:
ECMO & the Advanced Therapies for Respiratory Failure

May 5 th , 2011	Long-Term Neurodevelopmental Outcomes in Children with CHD, 13 th Vail Symposium on Pediatric Cardiac Diseases "Neurodevelopmental Outcomes and Quality of Life," The Association of Pediatric Hematology Oncology Educational Specialists, Cincinnati, OH
November 13 th , 2011	"Cardiovascular Seminar - Measurement of Functional Outcomes of Children Following Open Heart Surgery -- Incorporating Quality-of-Life Measures into Patient Care," American Heart Association 2011 Scientific Sessions, Orlando, FL
February 23 rd , 2012	"How Do Electrophysiologic Abnormalities Affect Health-related Quality of Life?" Cardiology 2012: Annual Update
February 24 th , 2012	"Measuring Health-related Quality of Life: What Can We Modify?" Cardiology 2012: Annual Update
February 25 th , 2012	"Quality of Life Following the Fontan Operation," Cardiology 2012: Annual Update
May 12 th , 2012	"Cardiac Neurodevelopmental Follow-up Guidelines," Boston Children's Hospital, 1 st Cardiac Neurodevelopmental Symposium, Boston, MA
May 12 th , 2012	"Cardiac Neurodevelopmental Programs: Lessons Learned - The Cincinnati Children's Hospital Medical Center Heart Institute Neurodevelopmental Clinic Experience," Boston Children's Hospital, 1 st Cardiac Neurodevelopmental Symposium, Boston, MA
May 14 th , 2012	"The Heart Institute Research Core: An Innovative Platform to Promote Clinical and Translational Research," Arkansas Children's Hospital, Little Rock, AR
May 14 th , 2012	"Career Development Pathways in Clinical and Translational Research," Cardiology and Critical Care Fellows Didactic Series, Arkansas Children's Hospital, Little Rock, AR
May 15 th , 2012	"Long-Term Neurodevelopmental Outcome and its Impact on Quality of Life In Complex CHD Survivors," Pediatric Grand Rounds, Arkansas Children's Hospital, Little Rock, AR
May 15 th , 2012	"Life Development Pathways in Clinical and Translational Research and Education," Fellows' Research Day, Arkansas Children's Hospital, Little Rock, AR
September 7 th , 2012	"Neurodevelopmental Issues and Congenital Heart Disease," National Webinar sponsored by Mended Little Hearts
September 29 th , 2012	"Chronic Kidney Disease in the Patient with a Fontan: What Does it Tell Us?" The 1 st International Symposium on AKI in Children at the

INVITED LECTURES (continued):

National Lectures (continued):

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|---------------------------------|---|
| October 12 th , 2012 | “Long-term Follow-up and Outcome of Congenital Heart Disease,”
2012 Fetology: Diagnosis, Interventions and Innovations:
Focusing on
Cardiac Conditions Affecting the Mother, Fetus and Newborn,
Cincinnati, OH |
| October 19 th , 2012 | “Neurodevelopmental Screening in Postoperative Cardiac Patients,”
American Academy of Pediatrics National Conference and
Exhibition, New Orleans, LA |
| May 30 th , 2013 | “Long-Term Neurodevelopmental Outcome & its Impact on QOL in
Complex
CHD Survivors,”
Annual Perinatal Day Symposium sponsored by Chapter 3 of the
American Academy of Pediatrics, Valhalla, NY |
| May 30 th , 2013 | “Stabilization and Transportation of the Neonate with Critical Congenital
Heart Disease,”
Annual Perinatal Day Symposium sponsored by Chapter 3 of the
American Academy of Pediatrics, Valhalla, NY |
| June 5 th , 2013 | “Break-out Group Integration and a Conceptual Model for Future
Multicenter
Research Based on Standardized Clinical Protocols,”
2 nd Annual Cardiac Neurodevelopmental Symposium,
Cincinnati Children’s Hospital Medical Center, Cincinnati, OH |
| June 6 th , 2013 | “Creating Value: How to Best Move the New Neurodevelopmental
Guidelines
in Children with CHD into Clinical Practice,”
2 nd Annual Cardiac Neurodevelopmental Symposium,
Cincinnati Children’s Hospital Medical Center, Cincinnati, OH |
| June 6 th , 2013 | “Psychosocial Factors that Predict Quality of Life,”
2 nd Annual Cardiac Neurodevelopmental Symposium,
Cincinnati Children’s Hospital Medical Center, Cincinnati, OH |
| August 29 th , 2013 | “Long-Term Neurodevelopmental Outcome and its Impact on Quality of Life
In Complex Congenital Heart Disease Survivors,”
The Cardiac Center at The Children’s Hospital of Philadelphia,
Philadelphia, PA |
| October 19 th , 2013 | “Neurodevelopmental Outcomes in Complex Congenital Heart Disease
Survivors: Utilizing Guideline Implementation and Cardiac
Neurodevelopmental Programs to Improve Quality of Life,”
New England Congenital Cardiology Association Annual
Meeting Keynote Speaker, Lenox, MA |
| October 29 th , 2013 | “Quality of Life in Congenital Heart Disease Survivors: Utilizing Innovative
Research to Change the Clinical Paradigm,”
The Heart Center at Texas Children’s Hospital Grand Rounds,
Houston, TX |
| October 30 th , 2013 | “Optimizing Neurodevelopmental Outcomes in CHD Survivors: A Research |

- Perspective,”
Texas Children’s Hospital, Critical Care Medicine Lecturer,
Houston, TX
- November 19th, 2013 “Congenital Heart Defects Advances - From Screens to Teens and Beyond:
Evaluating and Managing Neurodevelopmental Outcomes in
Children with Congenital Heart Disease,”
National Webinar sponsored by American Academy of
Pediatrics and the Congenital Heart Public Health Consortium
- November 26th, 2013 “Quality of Life in Congenital Heart Disease Survivors: Utilizing Innovative
Research to Change the Clinical Paradigm,”
The Heart Center at the Ann & Robert H. Lurie Children’s
Hospital of Chicago, Chicago, IL

INVITED LECTURES (continued):

National Lectures (continued):

- February 19th, 2014 “Navigating the World of Funding”
Cardiology 2014: Annual Update
- February 20th, 2014 “Quality of Life after the Fontan Operation: Into Adolescence and Beyond,”
Cardiology 2014: Annual Update
- May 3rd, 2014 “Survival is Expected: What Impacts Long-term Quality of Life in
Congenital
Heart Disease Survivors,”
Department of Anesthesiology and Critical Care Medicine 50th
Anniversary Celebration
The Children’s Hospital of Philadelphia,
- June 5th, 2014 “Neurological Status and Quality of Life in Children with Congenital and
Acquired Heart Disease after Cardiac Arrest, ECMO, and Other
High-Risk Events,”
The 3rd Annual Cardiac Neurodevelopmental Symposium,
- th, 2014 “Neurodevelopmental Outcomes in Complex Congenital Heart Disease
Survivors: Implications for ACHD Care,”
Division of Cardiology at the Mount Sinai Health System,
New York, NY
- th, 2014 “Neurodevelopmental Outcome, Evaluation, and Management for Children
with
Congenital Heart Disease,”
Kravis Children’s Hospital Heart Center of the Mount Sinai
Health System,
New York, NY
- th, 2014 “Quality of Life in Congenital Heart Disease Survivors: Utilizing Innovative
Research to Change the Clinical Paradigm,”
Annual Hyman Levy Lecture,
Kravis Children’s Hospital of the Mount Sinai Health System,
New York, NY

th, 2014	<p>“Neurodevelopmental and Psychosocial Outcomes in Pediatric Congenital Heart Disease Survivors,”</p> <p>24th Annual International Adult Congenital Heart Disease Symposium,</p> <p>Cincinnati, OH</p>
st, 2014	<p>“Neurodevelopmental Issues in Children with Congenital Heart Disease,”</p> <p>2014 National Congenital Heart Disease Symposium,</p> <p>Indianapolis, IN</p>
July 15 th , 2014	<p>“Biomarkers in Fontan Patients: How Can We Use Them to Maximize Outcome?”</p> <p>2nd Annual Aspen Conference on Cardiovascular Disease</p> <p>Aspen, CO</p>
July 16 th , 2014	<p>“Assessment and Management of Common Post-operative Arrhythmias,”</p> <p>2nd Annual Aspen Conference on Cardiovascular Disease</p> <p>Aspen, CO</p>
July 17 th , 2014	<p>“Survival is Nearly Guaranteed, but What Do We Know about that Survival?”</p> <p>2nd Annual Aspen Conference on Cardiovascular Disease</p> <p>Aspen, CO</p>
July 17 th , 2014	<p>“Cardiac Neurodevelopmental Follow-up Guidelines,”</p> <p>2nd Annual Aspen Conference on Cardiovascular Disease</p> <p>Aspen, CO</p>

INVITED LECTURES (continued):

National Lectures (continued):

July 17 th , 2014	<p>“Utilizing Guideline Implementation and Cardiac Neurodevelopmental Programs to Improve Quality of Life,”</p> <p>2nd Annual Aspen Conference on Cardiovascular Disease</p> <p>Aspen, CO</p>
July 17 th , 2014	<p>“Neurodevelopmental Assessment in Your Practice: Practical Tips and Tools,”</p> <p>2nd Annual Aspen Conference on Cardiovascular Disease</p> <p>Aspen, CO</p>
October 10 th , 2014	<p>“State of the Art in Assessment of Neurodevelopmental Outcomes: Current Recommendations and Rationale,”</p> <p>2014 American Academy of Pediatrics National Conference and Exhibition, San Diego, CA</p>
October 15 th , 2014	<p>“Career Development Pathways in Academic Medicine in the 21st Century,”</p> <p>Children’s of Alabama, Birmingham, Alabama</p>
October 16 th , 2014	<p>“Quality of Life in Congenital Heart Disease Survivors: Utilizing Innovative Research to Change the Clinical Paradigm,”</p> <p>Children’s of Alabama, Birmingham, Alabama</p>
October 29 th , 2014	<p>“How can we leverage QOL Measurement to improve Outcomes in CHD survivors,”</p> <p>2nd Annual Children’s Mercy Kansas City Cardiac Forum,</p> <p>Kansas City, MO</p>

November 16 th , 2014	“New Horizons in Resuscitation,” American Heart Association 2014 Scientific Sessions, Chicago, IL
November 18 th , 2014	“Special Session: Heart Brain Axis - Quality of Life: Nature vs. Nurture,” American Heart Association 2014 Scientific Sessions, Chicago, IL
December 13 th , 2014	“Intensive Care Unit and Surgical Predictors of Quality of Life: What Really Matters,” Pediatric Cardiac Intensive Care Society 10 th International Conference, Miami, FL
March 14 th , 2015	“The Teenage Manifestations of Early Brain Injury,” American College of Cardiology 2014 Scientific Sessions and Exposition Washington, DC
March 14 th , 2015	“Spectrum of CHD Careers: Clinician, Clinician-Educator, Clinician-Scientist, or Scientist,” Adult Congenital and Pediatric Cardiology Section - Career and Mentoring Session, American College of Cardiology 2014 Scientific Sessions San Diego, CA
March 24 th , 2015	“Quality of Life in Congenital Heart Disease Survivors: Creating New Models of Intervention to Promote Resilience and Minimize Disability Kennedy Krieger Institute Spectrum on Developmental Disabilities Johns Hopkins Hospital, Kennedy Krieger Institute, Baltimore, MD
June 5 th , 2015	“Formalizing the Cardiac Neurodevelopmental Outcomes Collaborative: Presentation of the Founding Bylaws,” 4 th Annual Cardiac Neurodevelopmental Symposium, Milwaukee, WI
June 26 th , 2015	“Psychosocial Outcomes in Congenital Heart Disease Survivors,” Mended Little Hearts Congenital Heart Disease Symposium, Orlando, FL
August 6 th , 2015	“The Northwestern Medicine Cardiovascular Bridge Programs: A New Model in Care for Patients with Aortopathy,” 31 st Annual Marfan Foundation Conference, Chicago, IL
August 19 th , 2015	“Summit on Transparency and Public Reporting of Pediatric and Congenital Heart Disease Outcomes: History, Goals, and Objectives,” Pediatric Congenital Heart Association, Chicago, IL
September 2 nd , 2015	“Optimizing Neurodevelopmental Outcomes in Congenital Heart Disease Survivors,” Pediatric Grand Rounds, Stony Brook Children’s, Stony Brook University Hospital, Stony Brook, NY

INVITED LECTURES (continued):

National Lectures (continued):

September 2 nd , 2015	“Career Development Pathways in Academic Medicine in the 21 st Century,” Department of Pediatrics Resident Didactic Lecture Series, Stony Brook Children’s, Stony Brook University Hospital, Stony Brook, NY
October 9 th , 2015	“Quality of Life Outcomes in Neonatal Congenital Heart Disease,” 1 st Annual International Cardiology Neonatology Symposium, Miami, FL
October 9 th , 2015	“Feeding and Malrotation,” 1 st Annual International Cardiology Neonatology Symposium, Miami, FL
November 12 th , 2015	“Neurodevelopmental and Psychosocial Issues in Children with Congenital Heart Defects: Expected Not Accepted,” American Academy of Pediatrics and National Center on Birth Defects and Developmental Disabilities Webinar
December 2 nd , 2015	“Utilizing Guideline Implementation and Cardiac Neurodevelopmental Programs to Improve Quality of Life,” Children’s National Medical Center, Executive Leadership Children’s National Medical Center Children’s, Washington, DC
December 3 rd , 2015	“State of the Art Assessment of Neurodevelopmental Outcomes: Current Recommendations and Rationale,” Intellectual & Developmental Disabilities Research Centers Seminar Series, Children’s National Medical Center Children’s, Washington, DC
December 4 th , 2015	“Measuring Unmeasurable Measures – Development of a Cardiac-Specific Quality of Life Inventory,” Evolution or Revolution? Disruptive Thinking, Technology and Innovation in Pediatric Cardiac Disease, Miami, FL
January 31 st , 2016	“Cardiac Neurodevelopmental, Psychosocial, Quality of Life (CNP-QOL) Work Group,” Congenital Heart Public Health Consortium Annual Meeting Washington, DC
February 16 th , 2016	“Summit on Transparency and Public Reporting of Pediatric and Congenital Heart Disease Laying the Tracks to Our Destination,” Pediatric Congenital Heart Association, St. Petersburg, FL
February 26 th , 2016	“Establishing a Neurodevelopmental Clinic for Congenital Heart Disease,” Cardiology 2016: Annual Update
February 26 th , 2016	“Quality of Life in Congenital Heart Disease: How is it Defined? How Do We Measure It,” Cardiology 2016: Annual Update
April 1 st , 2016 Exposition	“Transparency & Public Reporting in Congenital Heart Disease,” American College of Cardiology 2014 Scientific Sessions and Chicago, IL

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| April 25 th , 2016 | <p>“Quality of Life in Congenital Heart Disease Survivors: Creating New Models of Intervention to Promote Resilience and Minimize Disability,”</p> <p>Heart Center Special Lecturer,
University of California San Francisco Benioff Children’s Hospital,
University of California San Francisco Medical Center, San Francisco, CA</p> |
| May 5 th , 2016 | <p>“Quality of Life in Congenital Heart Disease Survivors: Creating New Models of Intervention to Promote Resilience and Minimize Disability,”</p> <p>University of Virginia Children’s Hospital Martha Carpenter Lecturer,
University of Virginia Medical Center, Charlottesville, VA</p> |
| May 6 th , 2016 | <p>“Career Development Pathways in Academic Medicine in the 21st Century,”</p> <p>Heart Center at the University of Virginia Children’s Hospital,
University of Virginia Medical Center, Charlottesville, VA</p> |

INVITED LECTURES (continued):

National Lectures (continued):

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| May 19 th , 2016 | <p>“Quality of Life in Congenital Heart Disease Survivors: Creating New Models of Intervention to Promote Resilience and Minimize Disability,”</p> <p>Kathy Newman Memorial Lecturer
Tulane Lakeside Hospital for Women and Children, New Orleans, LA</p> |
| June 2 nd , 2016 | <p>“Psychosocial Predictors of Quality of Life,”</p> <p>5th Annual Cardiac Neurodevelopmental Symposium,
Philadelphia, PA</p> |
| June 3 th , 2016 | <p>“Cardiac Neurodevelopmental Outcomes Collaborative: An Update on Incorporation/Bylaws, Membership, and Elections,”</p> <p>5th Annual Cardiac Neurodevelopmental Symposium,
Philadelphia, PA</p> |
| June 8 th , 2016 | <p>“What is Different About Resuscitation in Children with Heart Disease,”</p> <p>9th World Congress on Pediatric Intensive and Critical Care,
Toronto, CA</p> |

INVITED LECTURES (continued):

Local Lectures:

February 12 th , 2000	“Principles of Study Design,” The Cardiac Center, The Children’s Hospital of Philadelphia, Philadelphia, PA
July 19 th , 2001	“Cardiopulmonary Interactions,” Core curriculum lecture series for Anesthesia Residents/Fellows, The Children’s Hospital of Philadelphia, Philadelphia, PA
August 9 th , 2001	“Creating a Pediatric Cardiac Quality of Life Inventory,” Anesthesia/Critical Care Medicine Grand Rounds, The Children’s Hospital of Philadelphia, Philadelphia, PA
August 17 th , 2001	“Cardiopulmonary Interactions,” Core Curriculum for Pediatric Residents in the Pediatric Intensive Care Unit, The Children’s Hospital of Philadelphia, Philadelphia, PA
January 10 th , 2002	“ECG Interpretation, Arrhythmia Analysis and Management,” University of Pennsylvania School of Nursing, Philadelphia, PA
January 14 th , 2003	“ECG Interpretation, Arrhythmia Analysis and Management,” University of Pennsylvania School of Nursing, Philadelphia, PA
March 5 th , 2003	“Cardiogenic Shock in the Neonate,” University of Pennsylvania School of Nursing, Philadelphia, PA
May 23 rd , 2003	“Surgery for Congenital Heart Disease,” Pediatric Resident Core Noon Lecture Series, The Children’s Hospital of Philadelphia, Philadelphia, PA
July 24 th , 2003	“Surgery for Congenital Heart Disease,” Pediatric Resident Cardiology Rotation Lecture Series, The Children’s Hospital of Philadelphia, Philadelphia, PA
August 18 th , 2003	“What to do When You Hear a Heart Murmur,” Back to School Lecture Series, CHOP Subspecialty Care Center, King of Prussia, PA
August 20 th , 2003	“Neurodevelopmental Outcome after Congenital Heart Surgery,” Back to School Lecture Series, CHOP Subspecialty Care Center, Princeton, NJ
August 21 st , 2003	“ECG Interpretation, Arrhythmia Analysis, and Management,” Critical Care Fellow Didactic Lecture Series, The Children’s Hospital of Philadelphia, Philadelphia, PA
September 19 th , 2003	“ECMO Utilization in the CICU,” CICU Nursing Staff, The Children’s Hospital of Philadelphia, Philadelphia, PA
October 27 th , 2003	“Basics of Epidemiology,” Critical Care Fellow Didactic Lecture Series, The Children’s Hospital of Philadelphia, Philadelphia, PA
November 24 th , 2003	“Univariate Analysis,” Critical Care Fellow Didactic Lecture Series, The Children’s Hospital of Philadelphia, Philadelphia, PA
January 13 th , 2004	“ECG Interpretation, Arrhythmia Analysis and Management,” University of Pennsylvania School of Nursing, Philadelphia, PA
March 17 th , 2004	“Post-operative CICU Management,” University of Pennsylvania School of Nursing, Philadelphia, PA

May 20th, 2004 “ECMO Utilization in the CICU,”
CICU Nursing Staff,
The Children’s Hospital of Philadelphia, Philadelphia, PA

INVITED LECTURES (continued):

Local Lectures (continued):

June 7th, 2004 “Surgery for Congenital Heart Disease,”
Pediatric Resident Core Noon Lecture Series,
The Children’s Hospital of Philadelphia, Philadelphia, PA

July 17th, 2004 “Cardiac ECMO,”
Children’s Hospital of Philadelphia ECMO Orientation for
Fellows in Critical Care Medicine, Cardiology, and Neonatal
Intensive Care Medicine
The Children’s Hospital of Philadelphia, Philadelphia, PA

July 22nd, 2004 “ECG Interpretation and Arrhythmias,”
Critical Care Fellows Orientation Lecture Series,
The Children’s Hospital of Philadelphia, Philadelphia, PA

July 29th, 2004 “Catheterization Laboratory Equations,”
Critical Care Fellows Orientation Lecture Series,
The Children’s Hospital of Philadelphia, Philadelphia, PA

August 11th, 2004 “Catheterization Laboratory Equations Workshop,”
Critical Care Fellows Orientation Lecture Series,
The Children’s Hospital of Philadelphia, Philadelphia, PA

Sept. 20th, 2004 “Development and Testing of the PCQLI,”
Cardiac Center Research Conference,
The Children’s Hospital of Philadelphia, Philadelphia, PA

October 11th, 2004 “Principles of Study Design Part I,”
Critical Care Medicine Core Lecture Series,
The Children’s Hospital of Philadelphia, Philadelphia, PA

November 1st, 2004 “Principles of Study Design Part II,”
Critical Care Medicine Core Lecture Series,
The Children’s Hospital of Philadelphia, Philadelphia, PA

November 2nd, 2004 “Surgery for Congenital Heart Disease,”
Pediatric Resident Noon Lecture Series,
The Children’s Hospital of Philadelphia, Philadelphia, PA

November 15th, 2004 “Univariate Analysis Part I,”
Critical Care Medicine Core Lecture Series,
The Children’s Hospital of Philadelphia, Philadelphia, PA

November 16th, 2004 “Acyanotic Heart Disease,”
Pediatric Resident Core Lecture Series for Cardiology Ward
Rotation,
The Children’s Hospital of Philadelphia, Philadelphia, PA

November 17th, 2004 “Critical Congenital Heart Disease,”
Neonatology Fellow Core Lecture Series on Cardiovascular
Physiology and Disease,
The Children’s Hospital of Philadelphia, Philadelphia, PA

December 6th, 2004 “Univariate Analysis Part II,”
Critical Care Medicine Core Lecture Series,

March 16 th , 2005	The Children's Hospital of Philadelphia, Philadelphia, PA “Post-operative Management after Cardiothoracic Surgery,” Critical Care Nurse Practitioner Core Curriculum, University of Pennsylvania School of Nursing, Philadelphia, PA
May 6 th , 2005	“Neonatal Cardiogenic Shock,” Pediatric Resident Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
June 2 nd , 2005	“Neonatal Cardiogenic Shock,” Surgical Grand Rounds, The Children's Hospital of Philadelphia, Philadelphia, PA

INVITED LECTURES (continued):

Local Lectures (continued):

July 14 th , 2005	“Cardiac ECMO,” ECMO Orientation for Fellows in Critical Care Medicine, Cardiology, and Neonatal Intensive Care Medicine, The Children's Hospital of Philadelphia, Philadelphia, PA
July 28 th , 2005	“ECG Interpretation, Arrhythmias, and Management,” Critical Care Fellows Orientation Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
September 29 th , 2005	“Diagnosis, Stabilization, and Transport of the Neonate with Critical Congenital Heart Disease,” Cardiology Fellows Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
December 1 st , 2005	“Principles of Study Design,” Cardiology Fellows Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
December 12 th , 2005	“Univariate Analysis Part I,” Critical Care Medicine Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
December 19 th , 2005	“Univariate Analysis Part II,” Critical Care Medicine Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
February 6 th , 2006	“Catheterization Laboratory Equations,” Critical Care Medicine Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
February 8 th , 2006	“Congenital Heart Disease,” Neonatology Physiology Conference, The Children's Hospital of Philadelphia, Philadelphia, PA
March 20 th , 2006	“Catheterization Laboratory Equations Workshop,” Critical Care Medicine Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
March 22 nd , 2006	“Post-operative Cardiac Care,” Critical Care Nurse Practitioner Core Curriculum, University of Pennsylvania School of Nursing, Philadelphia, PA
March 30 th , 2006	“Univariate Analysis Part I,” Cardiology Fellows Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
April 6 th , 2006	“Univariate Analysis Part II,”

July 12 th , 2006	Cardiology Fellows Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA “Acyanotic Heart Disease,” Pediatric Resident Core Lecture Series for Cardiology Care Unit Rotation, The Children's Hospital of Philadelphia, Philadelphia, PA
July 14 th , 2006	“Cardiac ECMO,” ECMO Orientation for Fellows in Critical Care Medicine, Cardiology, and Neonatal Intensive Care Medicine, The Children's Hospital of Philadelphia, Philadelphia, PA
July 17 th , 2006	“Cyanotic Heart Disease,” Pediatric Resident Core Lecture Series for Cardiology Care Unit Rotation, The Children's Hospital of Philadelphia, Philadelphia, PA
August 3 rd , 2006	“ECG Interpretation, Arrhythmias, and Management,” Critical Care Fellows Orientation Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA

INVITED LECTURES (continued):

Local Lectures (continued):

August 22 nd , 2006	“ECG Workshop,” Critical Care Fellows Orientation Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
September 7 th , 2006	“Catheterization Laboratory Equations,” Critical Care Medicine Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
October 5 th , 2006	“Diagnosis, Stabilization, and Transport of the Neonate with Critical Congenital Heart Disease,” Cardiology Fellows Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
November 21 st , 2006	“ECG Interpretation, Arrhythmias, and Management,” Anesthesia Fellows Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
February 12 th , 2007	“Principles of Study Design,” Cardiology Fellows Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
February 26 th , 2007	“Catheterization Laboratory Data Interpretation and Utilization,” Critical Care Medicine Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
February 28 th , 2007	“Congenital Heart Disease: Anatomy, Physiology, and Surgical Management,” Neonatology Physiology Conference, The Children's Hospital of Philadelphia, Philadelphia, PA
April 4 th , 2007	“Getting into Medical School: How to Make Yourself the Best Candidate Possible,” The John Morgan Pre-Health Society, University of Pennsylvania, Philadelphia, PA
April 30 th , 2007	“Arrhythmias Diagnosis and Management,” Critical Care Fellows Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA

May 7th, 2007	“Univariate Analysis,” Critical Care Medicine Core Lecture Series, The Children's Hospital of Philadelphia, Philadelphia, PA
August 23 rd , 2007	“Cardiac ECMO,” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
August 23 rd , 2007	“Assessing Quality of Life in Children with Heart Disease: The Development and Testing of the Pediatric Cardiac Quality of Life Inventory,” Critical Care Medicine Research Conference, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
September 10 th , 2007	“Principles of Study Design,” Cardiology Fellows Journal Club, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
September 26 th , 2007	“Cardiopulmonary Interaction in the Pediatric Intensive Care Unit,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
October 24 th , 2007	“Comparing the Predictive Value of the Aristotle and RACHS-1 scores,” Cardiac Anesthesiology Journal Club, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
December 4 th , 2007	“Cardiopulmonary Interaction in the Cardiac Intensive Care Unit,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH

INVITED LECTURES (continued):

Local Lectures (continued):

December 20 th , 2007	“Arrhythmia Identification and Management,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
January 9 th , 2008	“Evaluation of the Cyanotic Neonate,” Neonatology Fellow Cardiac Intensive Care Unit Lecture Series Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
February 13 th , 2008	“ECG and Arrhythmia Workshop,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
February 27 th , 2008	“Congenital Heart Disease: Anatomy, Physiology, and Surgical Management,” Neonatology Fellow Cardiac Intensive Care Unit Lecture Series Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
March 3 rd , 2008	“Univariate Data Analysis: Exploratory Data Analysis, Hypothesis Testing, and Association Assessment Made Simple,” Cardiology Fellows Journal Club, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
March 3 rd , 2008	“Mechanisms of Cyanosis in Two-ventricle and Single Ventricle Hearts,” CCHMC Pediatric Residency Program Senior Rounds, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
April 7 th , 2008	“Univariate Data Analysis Made Simple,” Cardiology Fellows Journal Club, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH

April 8 th , 2008	“ECMO Utilization in the CICU,” Cardiac Intensive Care Unit Nurse Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
May 13 th , 2008	“Stabilization and Transport of the Neonate with Critical Congenital Heart Disease,” Transport Team Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
May 21 st , 2008	“Cardiac Catheterization Equation Made Easy,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
June 26 th , 2008	“Cardiac ECMO,” ECMO Team Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
September 3 rd , 2008	“Cardiopulmonary Interactions,” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
September 4 th , 2008	“Assessing Health Related Quality of Life in the Pediatric Cardiac Population: Harnessing the Potential of the PCQLI to Improve Long-Term Outcomes,” Faculty Research Crosstalk Steering, Department of Pediatrics, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
September 10 th , 2008	“Differential Diagnosis of Cyanosis in the Neonate with Congenital Heart Disease,” Neonatology Fellow Cardiac Intensive Care Unit Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
September 11 th , 2008	“Mechanistic Causes of Cyanosis,” CCHMC Pediatric Residency Program Senior Rounds, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH

INVITED LECTURES (continued):

Local Lectures (continued):

September 23 rd , 2008	“Critical Congenital Heart Disease in the Newborn: Anatomy, Physiology, and Surgical Management,” Respiratory Grand Rounds, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
October 29 th , 2008	“Cardiopulmonary Interactions,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
November 25 th , 2008	“Qualitative Methodologies in Health Services Research,” Health Services Research Course, University of Cincinnati, Cincinnati, OH
December 16 th , 2008	“Stabilization and Transport of the Neonate with Critical Congenital Heart Disease,” Cardiology Fellow CICU Orientation Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH

January 6 th , 2009	“Stabilization and Transport of the Neonate with Critical Congenital Heart Disease,” Cardiac Intensive Care Unit Nurse Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
February 11 th , 2009	“ECG and Arrhythmia Workshop,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
February 25 th , 2009	“Diagnosing Cyanotic Congenital Heart Disease without Echocardiography,” Neonatology Fellow Cardiac Intensive Care Unit Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
July 26 th , 2009	“How to Choose a Research Mentor,” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
October 28 th , 2009	“Research Mentorship,” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
November 3 rd , 2009	“Qualitative Methodologies in Health Services Research: PCQLI Testing Trial,” Health Services Research Course, University of Cincinnati, Cincinnati, OH
December 14 th , 2009	“Evaluation of Cyanotic Neonate,” CCHMC Pediatric Residency Program Senior Rounds, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
January 6 th , 2010	“Grant Funding and the Loan Repayment Program,” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
January 13 th , 2010	“Stabilization of Transport of the Neonate with CHD,” Neonatology Fellow Conference Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
March 3 rd , 2010	“Cardiopulmonary Interaction in the Pediatric Intensive Care Unit,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
March 22 nd , 2010	“Research Mentorship,” Heart Institute Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
April 28 th , 2010	“Congenital Cardiac Malformations,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH

INVITED LECTURES (continued):

Local Lectures (continued):

May 19 th , 2010	“Post-Operative Arrhythmias,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
October 21 st , 2010	“Qualitative Methodologies in Health Services Research: PCQLI Testing Trial,” Health Services Research Course, University of Cincinnati, Cincinnati, OH

December 1 st , 2010	“Stabilization and Transport of the Neonate with Critical CHD,” Cardiac Intensive Care Unit Fellow Core Curriculum Lecture Series Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
February 16 th , 2011	“ECG Interpretation, Arrhythmias, and Arrhythmia Management,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
March 14 th , 2011	“Long-Term Neurodevelopmental Outcome and its Impact on QOL in Complex CHD Survivors,” Heart Institute Grand Rounds, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
March 16 th , 2011	“Congenital Cardiac Malformations,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
July 26 th , 2011	“Heart Institute Research Core,” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
August 31 st , 2011	“Research Mentorship,” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
October 26 th , 2011	“Congenital Cardiac Malformations I,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
November 7 th , 2011	“Qualitative Methodologies in Health Services Research: PCQLI Validation Study,” Health Services Research Course, University of Cincinnati, Cincinnati, OH
November 7 th , 2011	“The Heart Institute Research Core after Year 2: An Update on Your Research Core,” Heart Institute Grand Rounds, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
February 15 th , 2012	“The Impact of Neurodevelopmental Outcome on Quality of Life in Children and Adolescents with Complex CHD,” Clinical and Translational Research Core Clinical Research Forum, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
February 15 th , 2012	“Arrhythmia Identification and Management,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
April 11 th , 2012	“Congenital Cardiac Malformations II,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
May 2 nd , 2012	“Scientific Writing Part 1,” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
May 9 th , 2012	“Scientific Writing Part 2,” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH

INVITED LECTURES (continued):

Local Lectures (continued):

June 18 th , 2012	“What’s New in Resuscitation: 2010 PALS Guidelines,” Heart Institute Grand Rounds, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
June 19 th , 2012	“Neurodevelopmental Outcome in Neonates with CHD,” Perinatal Cardiology Conferences, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
June 21 st , 2012	“Stabilization and Transport of the Neonate with CHD,” Neonatology Fellow Conference Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
July 24 th , 2012	“The Impact of Neurodevelopmental and Psychosocial Outcome on Quality of Life in Children & Adolescents with Complex CHD,” Quality Improvement and Health Services Research Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
July 25 th , 2012	“Research Mentorship,” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
September 20 th , 2012	“Stabilization and Transport of the Neonate with CHD,” Neonatology Fellow Conference Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
September 24 th , 2012	“Heart Institute Data Registry,” Heart Institute Research Retreat, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
September 24 th , 2012	“Neurodevelopmental Outcomes in Congenital Heart Disease Survivors: Research Questions and Clinical Implications,” Heart Institute Research Retreat, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
October 3 rd , 2012	“The Neurodevelopmental and Educational Clinic at CCHMC – How will It Help Your Patients,” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
October 10 th , 2012	“Heart Institute Research Core,” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
December 3 rd , 2012	“The Heart Institute Neurodevelopmental Clinic: An Innovative Program Assisting Complex Congenital Heart Disease Survivors and their Families” Kindervelt President’s Council, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
December 5 th , 2012	“Other Non-Conventional Circulations (Fontan, Bidirectional Glenn, Restrictive Right Ventricular Physiology)” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
December 19 th , 2012	“Cardiopulmonary Interactions and Mechanical Ventilatory Strategies” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
January 17 th , 2013	“Post-Operative Arrhythmias,” Neonatology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH

INVITED LECTURES (continued):

Local Lectures (continued):

March 7 th , 2013	“Congenital Cardiac Malformations I,” Critical Care Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
April 24 th , 2013	“Leadership: Challenges and Opportunities for Growth,” Fellows Leadership Panel Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
May 17 th , 2013	“Local Challenges and Opportunities for Multidisciplinary Data Operations Approach for Clinical/Translational Research” Center for Clinical and Translational Science and Training Grand Rounds, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
June 11 th , 2013	“Building High Functioning Research Teams: The Heart Institute Research Core - An Example for Best Practices for Project Management, Data Management, Statistical Analysis and IT Systems,” Health Services Research Matrix Community Event, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
June 27 th , 2013	“Cardiac Catheterization Equation Made Easy,” Heart Institute Advanced Practice Nurse and Physician Assistant Core Lecture Series Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
July 5 th , 2013	“Acyanotic Heart Disease,” Cardiology Pediatric Resident Core Lecture Series Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
October 2 th , 2013	“The Heart Institute Research Core: A Critical Tool to Support Significant and Innovative Science,” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
October 16 th , 2013	“Quality of Life in Congenital Heart Disease Survivors: Utilizing Innovative Research to Change the Clinical Paradigm,” Division of Biostatistics and Epidemiology Faculty Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
October 17 th , 2013	“Neurodevelopmental Outcomes in Infants with Congenital Heart Disease,” Neonatology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
November 6 th , 2013	“Cardiopulmonary Interactions and Mechanical Ventilatory Strategies” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
November 23 rd , 2013	“Other Non-Conventional Circulations (Fontan, Bidirectional Glenn, Restrictive Right Ventricular Physiology)” Cardiology Fellow Core Curriculum Lecture Series, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
January 10 th , 2014	“Health-Related Quality of Life in Congenital Heart Disease Survivors”, Adherence Center Seminar, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH

- February 3rd, 2014 “Post-operative Care after the Bidirectional Glenn and the Fontan Procedures,”
Cardiac Core Curriculum Lecture Series
Cardiac Intensive Care Nursing Staff
Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
- February 3rd, 2014 “Neurodevelopmental Outcomes in Infants with Congenital Heart Disease,”
Cardiac Core Curriculum Lecture Series
Cardiac Intensive Care Nursing Staff
Cincinnati Children’s Hospital Medical Center, Cincinnati, OH

INVITED LECTURES (continued):

Local Lectures (continued):

- April 18th, 2014 “Post-operative Care after the Bidirectional Glenn and the Fontan Procedures,”
Cardiac Core Curriculum Lecture Series
Heart Institute Staff
Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
- April 18th, 2014, “Neurodevelopmental Outcomes in Infants with Congenital Heart Disease,”
Cardiac Core Curriculum Lecture Series
Heart Institute Staff
Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
- July 23rd, 2014 “Pediatric Cardiology Fellow Research and Scholarly Activity,”
Cardiology Fellow Core Lecture Series
Ann & Robert H. Lurie Children’s Hospital of Chicago,
Chicago, IL
- July 30th, 2014 “Research Mentorship –How to Choose the Right Mentor,”
Cardiology Fellow Core Lecture Series
Ann & Robert H. Lurie Children’s Hospital of Chicago,
Chicago, IL
- August 20th, 2014 “Stabilization and Transport of the Neonate with CHD,”
Cardiology Fellow, Critical Care Medicine, Neonatology Fellow,
Cardiac Intensive Care Lecture Series,
Ann & Robert H. Lurie Children’s Hospital of Chicago,
Chicago, IL
- September 18th, 2014 “Center for Cardiovascular Innovation,”
Stanley Manne Children’s Research Institute Fall Leadership Meeting
Ann & Robert H. Lurie Children’s Hospital of Chicago,
Chicago, IL
- October 20th, 2014 “Quality of Life in Congenital Heart Disease Survivors: Phenotypic Impact on ACHD Care,”
Northwestern University Cardiology Grand Rounds
Northwestern Memorial Hospital, Chicago, IL
- December 19th, 2014 “Quality of Life in Congenital Heart Disease Survivors: Utilizing Innovative Research to Change the Clinical Paradigm,”
Neurocritical Care Grand Rounds
Ann & Robert H. Lurie Children’s Hospital of Chicago,
Chicago, IL
- January 15th, 2015 “State of the Art Assessment of Neurodevelopmental Outcomes: Current Recommendations and Rationale,”

January 28, 2015	Chicago Gasul Club Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL "Quality of Life in Congenital Heart Disease Survivors: Creating New Models of Intervention to Promote Resilience and Minimize Disability," Department of Medical Social Sciences: Food for Thought Series
March 8 th , 2015	Northwestern University Feinberg School of Medicine "Post-operative Management of the Patient after Bidirectional Glenn and Fontan Operation," Cardiology Fellow, Critical Care Medicine, Neonatology Fellow, Cardiac Intensive Care Lecture Series, Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
April 15 th , 2015	"Neurodevelopment Outcomes in Congenital Heart Disease Surgical Survivors," Cardiology Fellow, Critical Care Medicine, Neonatology Fellow, Cardiac Intensive Care Lecture Series, Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
May 20 th , 2015	"Resuscitation in Children with Congenital Heart Disease," Cardiology Fellow, Critical Care Medicine, Neonatology Fellow, Cardiac Intensive Care Lecture Series, Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
June 1 st , 2015	"Univariate Data Analysis," Heart Center Cardiovascular Research Lecture Series Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL

INVITED LECTURES (continued):

Local Lectures (continued):

June 19 th , 2015	"The Cardiovascular Bridge Program: Expanding Research Opportunities," Northwestern University Advisory Council for Clinical Research 6 th Annual Research Symposium Northwestern University, Chicago, IL
May 29 th , 2015	"Quality of Life in Congenital Heart Disease Survivors: Creating New Models of Intervention to Promote Resilience and Minimize Disability." Department of Preventive Cardiology: Cardiovascular Epidemiology Seminar Series, Northwestern University Feinberg School of Medicine, Chicago, IL
June 23 rd , 2015	"Cardiovascular Bridge Programs: Improving Outcomes Through Clinical and Research Integration Across the Lifespan," Bluhm Cardiovascular Institute Advisory Council, Northwestern Memorial Hospital, Chicago, IL
July 29 th , 2015	"State of the Art Assessment of Neurodevelopmental Outcomes: Current Recommendations and Rationale," Neo-Heart Developmental Support Program Journal Club

	Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
September 18 th , 2015	"Optimizing Neurodevelopmental Outcomes in Congenital Heart Disease Survivors," University of Illinois Chicago Pediatric Grand Rounds University of Illinois Hospital, Chicago, IL
September 28 rd , 2015	"Pediatric Cardiology Fellow Research and Scholarly Activity," Cardiology Fellow Core Lecture Series Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
September 28 th , 2015	"Research Mentorship –How to Choose the Right Mentor," Cardiology Fellow Core Lecture Series Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
December 16 th , 2015	"Post-operative Management of the Patient after Bidirectional Glenn and Fontan Operation," Cardiology Fellow, Critical Care Medicine, Neonatology Fellow, Cardiac Intensive Care Lecture Series, Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
April 20 th , 2016	"Resuscitation in Children with Congenital Heart Disease," Cardiology Fellow, Critical Care Medicine, Neonatology Fellow, Cardiac Intensive Care Lecture Series, Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL
May 29 th , 2016	"Quality of Life in Congenital Heart Disease Survivors: Creating New Models of Intervention to Promote Resilience and Minimize Disability." Perinatal Conference, Department of Pediatrics and Obstetrics and Gynecology, Evanston Hospital, North Shore University Health System, Evanston, IL

PUBLICATIONS:

Peer-Review:

1. Everett AD, Scott J, Wilfong N, Marino B, Rosencrantz RP, Inagami T, Gomez RA: Renin and angiotensinogen expression during the evolution of diabetes. *Hypertension* 1992; 19(1):70-78. PMID: 1730442
2. Marino BS, Wernovsky G, Rychik J, Bockoven JR, Godinez RI, Spray TL. Early results of the Ross procedure in simple and complex left heart disease. *Circulation* 1999; 100 (19 Suppl): II-162-II-6. PMID: 10567297
3. Lin AE, Grossfeld PD, Hamilton RM, Smoot L, Gripp KW, Proud V, Weksberg R, Wheeler P, Picker J, Irons M, Zackai E, Marino B, Scott CI Jr, Nicholson L. Further delineation of cardiac abnormalities in Costello syndrome. *Am J Med Genet.* 2002; 111(2):115-129. PMID: 12210337
4. Cohen MS, Marino BS, McElhinney DB, Robbers-Visser D, van der Woerd W, Gaynor JW, Spray TL, Wernovsky G. Neo-aortic root dilation and valve regurgitation up to 21 years after staged reconstruction for hypoplastic left heart syndrome. *J Am Coll Cardiol* 2003; 42(3):533-540. PMID: 12906985
5. Marino BS, Yannopoulos D, Sigurdsson G, Lai L, Cho C, Redington A, Nicolson S, Nadkarni V, Lurie KG. Spontaneous breathing through an inspiratory impedance threshold device augments cardiac index and stroke volume index in a pediatric porcine model of hemorrhagic hypovolemia. *Crit Care Med* 2004; 32(9 Suppl):S398-S405. PMID: 15508668
6. Gaynor JW, Kuypers M, van Rossem M, Wernovsky G, Marino BS, Tabbutt S, Nicolson SC, Spray TL. Hemodynamic changes during modified ultrafiltration immediately following the first stage of the Norwood reconstruction. *Cardiol Young* 2005; 15(1):4-7. PMID: 15831153
7. Marino BS. Health-related quality-of-life assessment after intensive care therapy: preexisting disease matters. *Crit Care Med* 2005; 33(7):1658-9. PMID: 16003086
8. Tabbutt S, Dominguez TE, Ravishankar C, Marino BS, Gruber PJ, Wernovsky G, Gaynor JW, Nicolson SC, Spray TL. Outcomes after the stage I reconstruction comparing the right ventricular to pulmonary artery conduit with the modified Blalock Taussig shunt. *Ann Thorac Surg* 2005; 80(5):1582-91. PMID: 16242421
9. Marino BS, Pasquali SK, Wernovsky G, Bockoven JR, McBride, M, Cho CJ, Spray TL, Paridon SM. Exercise performance in children and adolescents after the Ross procedure. *Cardiol Young* 2006; 16(1):40-47. PMID: 16454876
10. Srinivasan V, Nadkarni VM, Yannopoulos D, Marino BS, Sigurdsson G, McKnite SH, Zook M, Benditt DG, Lurie KG. Rapid induction of cerebral hypothermia is enhanced with active compression-decompression plus inspiratory impedance threshold device cardiopulmonary resuscitation in a porcine model of cardiac arrest. *J Am Coll Cardiol* 2006; 47(4):835-841. PMID: 16487853
11. Srinivasan V, Nadkarni VM, Yannopoulos D, Marino BS, Sigurdsson G, McKnite SH, Zook M, Benditt DG, Lurie KG. Spontaneous gasping decreases intracranial pressure and improves cerebral perfusion in a pig model of ventricular fibrillation. *Resuscitation* 2006; 69(2):329-34. PMID: 16494991

PUBLICATIONS (continued):

Peer-Review (continued):

12. Ravishankar C, Dominguez TE, Kreutzer J, Wernovsky G, Marino BS, Godinez R, Priestley MA, Gruber PJ, Gaynor WJ, Nicolson SC, Spray TL, Tabbutt S. Extracorporeal membrane oxygenation after stage I

reconstruction for hypoplastic left heart syndrome. *Pediatr Crit Care Med* 2006; 7(4):319-23. PMID: 16738497

13. Marino BS, Wernovsky G, McElhinney DB, Jawad A, Kreb DL, Mantel SF, van der Woerd WL, Robbers-Visser D, Novello R, Gaynor JW, Spray TL, Cohen MS. Neo-aortic valvar function after the arterial switch. *Cardiol Young* 2006; 16(5):481-9. PMID: 16984700
14. Gillespie MJ, Marino BS, Cohen MS, Korteweg AE, Henket M, Gaynor JW, Spray TL, Tabbutt S, Wernovsky G. Risk factors for adverse outcomes after surgery on the systemic atrioventricular valve in 109 children. *Cardiol Young* 2006; 16(Suppl 3):35-42. PMID: 17378039
15. Marino BS, Pasquali S, Spray TL, Wernovsky G. Is the Ross procedure as good as we thought it would be? *Cardiol Young* 2006; 16(Suppl. 3):125-130. PMID: 17378051
16. Shillingford AJ, Ittenbach RF, Marino BS, Rychik J, Clancy RR, Spray TL, Gaynor JW, Wernovsky G. Aortic morphometry and microcephaly in hypoplastic left heart syndrome. *Cardiol Young* 2007; 17(2):189-95. PMID: 17338838
17. Pasquali SK, Shera D, Wernovsky G, Cohen MS, Tabbutt S, Nicolson S, Spray TL, Marino BS. Midterm outcomes and predictors of reintervention after the Ross procedure in infants, children, and young adults. *J Thorac Cardiovasc Surg* 2007; 133(4):893-9. PMID: 17382622
18. Pasquali SK, Cohen MS, Shera D, Wernovsky G, Spray TL, Marino BS. The relationship between neo-aortic root dilation, insufficiency, and reintervention following the Ross procedure in infants, children, and young adults. *J Am Coll Cardiol* 2007; 49(17):1806-12. PMID: 17466232
19. Ballweg JA, Dominguez TE, Ravishankar C, Kreutzer J, Marino BS, Bird GL, Gruber PJ, Wernovsky G, Gaynor JW, Nicolson SC, Spray TL, Tabbutt S. A contemporary comparison of the effect of shunt type in hypoplastic left heart syndrome on the hemodynamics and outcome at stage 2 reconstruction. *J Thorac Cardiovasc Surg* 2007; 134(2):297-303. PMID: 17662765
20. Pinto NM, Marino BS, Wernovsky G, de Ferranti SD, Walsh AZ, Laronde M, Hyland K, Dunn SO Jr, Cohen MS. Obesity is a common comorbidity in children with congenital and acquired heart disease. *Pediatrics* 2007; 120(5):e1157-64. PMID: 17974711
21. Pasquali SK, Marino BS, McBride MG, Wernovsky G, Paridon SM. Coronary artery pattern and age impact exercise performance late after the arterial switch operation. *J Thorac Cardiovasc Surg* 2007; 134(5):1207-12. PMID: 17976451
22. Wernovsky G, Kuijpers M, Van Rossem MC, Marino BS, Ravishankar C, Dominguez T, Godinez RI, Dodds KM, Ittenbach RF, Nicolson SC, Bird GL, Gaynor JW, Spray TL, Tabbutt S. Postoperative course in the cardiac intensive care unit following the first stage of Norwood reconstruction. *Cardiol Young* 2007; 17(6):652-65. PMID: 17986364

PUBLICATIONS (continued):

Peer-Review (continued):

23. Brothers JA, McBride MG, Seliem MA, Marino BS, Tomlinson RS, Pampaloni MH, Gaynor JW, Spray TL, Paridon SM. Evaluation of myocardial ischemia after surgical repair of anomalous aortic origin of a coronary artery in a series of pediatric patients. *J Am Coll Cardiol* 2007; 50(21):2078-82. PMID: 18021877
24. Marino BS, Pasquali SK, Wernovsky G, Pudusseri A, Rychik J, Montenegro L, Shera D, Spray TL, Cohen MS. Accuracy of intraoperative transesophageal echocardiography in the prediction of future neo-aortic

valve function after the Ross procedure in children and young adults. *Congenital Heart Dis* 2008; 3(1):39-46. PMID: 18373748

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27. Pasquali SK, Marino BS, Kaltman JR, Schissler AJ, Wernovsky G, Cohen MS, Spray TL, Tanel RE. Rhythm and conduction disturbances at midterm follow-up after the Ross procedure in infants, children, and young adults. *Ann Thorac Surg* 2008; 85(6):2072-8. PMID: 18498822
28. Hehir DA, Dominguez TE, Ballweg JA, Ravishankar C, Marino BS, Bird GL, Nicolson SC, Spray TL, Gaynor JW, Tabbutt S. Risk factors for interstage death after stage 1 reconstruction of hypoplastic left heart syndrome and variants. *J Thorac Cardiovasc Surg* 2008; 136(1):94-99, e1-3. PMID: 18603060
29. Pasquali SK, Hall M, Slonim AD, Jenkins KJ, Marino BS, Cohen MS, Shah SS. Off-label use of cardiovascular medications in children hospitalized with congenital and acquired heart disease. *Circ Cardiovasc Qual Outcomes* 2008; 1(2):74-83. PMID: 20031793
30. Marino BS, Kruge LE, Cho CJ, Tomlinson RS, Shera D, Weinberg PM, Gaynor JW, Rychik J. Parachute mitral valve: morphologic descriptors, associated lesions, and outcomes after biventricular repair. *J Thorac Cardiovasc Surg* 2009; 137(2):385-393.e4. PMID: 19185158
31. Brothers JA, McBride MG, Marino BS, Tomlinson RS, Seliem MA, Pampaloni MH, Gaynor JW, Spray TL, Paridon SM. Exercise performance and quality of life following surgical repair of anomalous aortic origin of a coronary artery in the pediatric population. *J Thorac Cardiovasc Surg* 2009; 137(2):380-4. PMID: 19185157
32. Marino BS, Tomlinson RS, Drotar D, Claybon ES, Aguirre A, Ittenbach R, Welkom JS, Helfaer MA, Wernovsky G, Shea JA. Quality-of-life concerns differ among patients, parents, and medical providers in children and adolescents with congenital and acquired heart disease. *Pediatrics* 2009; 123(4):e708-15. PMID: 19307270

PUBLICATIONS (continued):

Peer-Review (continued):

33. Anderson JB, Beekman RH, Border WL, Kalkwarf HJ, Khoury PR, Uzark K, Eghtesady P, Marino BS. Lower weight-for-age z-score adversely affects hospital length of stay after the bidirectional Glenn procedure in 100 infants with a single ventricle. *J Thorac Cardiovasc Surg* 2009; 138(2):397-404.e1. PMID: 19619784
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35. Ittenbach RF, Cassedy AE, Marino BS, Spicer RL, Drotar D. Adherence to treatment among children with cardiac disease. *Cardiol Young* 2009; 19(6):545-51. PMID: 19849874

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37. Anderson JB, Beekman RH 3rd, Eghtesady P, Kalkwarf HJ, Uzark K, Kehl JE, Marino BS. Predictors of poor weight gain in infants with a single ventricle. *J Pediatr* 2010; 157(3):407-413, 413.e1 PMID: 20472248
38. Czosek RJ, Anderson J, Marino BS, Connor C, Knilans T. Linear lesion cryoablation for the treatment of atrioventricular nodal re-entry tachycardia in pediatrics and young adults. *Pacing Clin Electrophysiol* 2010; 33(11):1304-11. PMID: 20528995
39. Marino BS, Tomlinson RS, Wernovsky G, Drotar D, Newburger JW, Mahony L, Mussatto K, Tong E, Cohen M, Andersen C, Shera D, Khoury PR, Wray J, Gaynor JW, Helfaer MA, Kazak AE, Shea JA; Pediatric Cardiac Quality of Life Inventory Testing Study Consortium. Validation of the Pediatric Cardiac Quality of Life Inventory. *Pediatrics* 2010; 126(3):498-508. PMID: 20805147
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41. Kleinman ME, Chameides L, Schexnayder SM, Samson RA, Hazinski MF, Atkins DL, Berg MD, de Caen AR, Fink EL, Freid EB, Hickey RW, Marino BS, Nadkarni VM, Proctor LT, Qureshi FA, Sartorelli K, Topjian A, van der Jagt EW, Zaritsky AL; American Heart Association. Pediatric advanced life support: 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. *Pediatrics* 2010; 126(5):e1361-99. PMID: 20956434
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PUBLICATIONS (continued):

Peer-Review (continued):

43. Manning PB, Rutter MJ, Lisec A, Marino BS. One slide fits all: the versatility of slide tracheoplasty with cardiopulmonary bypass support for airway reconstruction in children. *J Thorac Cardiovasc Surg* 2011; 141(1):155-161. PMID: 21055774
44. Medoff-Cooper B, Irving SY, Marino BS, Garcia-Espana JF, Ravishankar C, Bird GL, Stallings VA. Weight change in infants with a functionally univentricular heart: from surgical intervention to hospital discharge. *Cardiol Young* 2011; 21(2):136-44. PMID: 21070691
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48. Anderson JB, Kalkwarf HJ, Kehl JE, Eghtesady P, Marino BS. Low weight-for-age z-score and infection risk following Fontan procedure. *Ann Thorac Surg* 2011; [91\(5\)](#):1460-6. PMID: 21377649
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53. Wray J, Brown K, Marino BS, Franklin R. Medical test results do not tell the whole story: health-related quality of life offers a patient perspective on outcomes. *World J Pediatr Congenit Heart Surg* 2011; 2(4):566-75. PMID: 23804469

PUBLICATIONS (continued):

Peer-Review (continued):

54. Wray J, Franklin R, Brown K, Blyth J, Marino BS. Linguistic validation of a disease-specific quality of life measure for children and teenagers with cardiac disease. *Cardiol Young* 2012; 22(1):13-17. PMID: 21729506
55. Czosek RJ, Meganathan K, Anderson JB, Knilans TK, Marino BS, Heaton P. Cardiac rhythm devices in the pediatric population: utilization and complications. *Heart Rhythm* 2012; 9(2):199-208. PMID: 21907171
56. Goldberg DJ, French B, Szwaast AL, McBride MG, Marino BS, Mirarchi N, Hanna BD, Wernovsky G, Paridon SM, Rychik J. Impact of sildenafil on echocardiographic indices of myocardial performance after the Fontan operation. *Pediatr Cardiol* 2012; 33(5):689-696. PMID: 22331056
57. Anderson JB, Czosek RJ, Knilans TK, Marino BS. The effect of paediatric syncope on health-related quality of life. *Cardiol Young* 2012; 22(5):583–8. PMID: 22348920
58. Marino BS, Lipkin PH, Newburger JW, Peacock G, Gerdes M, Gaynor JW, Mussatto KA, Uzark K, Goldberg CS, Johnson WH Jr, Li J, Smith SE, Bellinger DC, Mahle WT; on behalf of the American Heart Association Congenital Heart Defects Committee of the Council on Cardiovascular Disease in the Young, Council on Cardiovascular Nursing, and Stroke Council. Neurodevelopmental outcomes in children with congenital heart disease: evaluation and management: a scientific statement from the American Heart Association. *Circulation* 2012; 126(9):1143-72. PMID: 22851541

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62. Wray J, Brown K, Franklin R, Cassidy A, Marino BS. Assessing the generalisability of the Pediatric Cardiac Quality of Life Inventory in the United Kingdom. *Cardiol Young* 2013; e1-e9. PMID: 23443057
63. Norris MD, Webb G, Drotar D, Lisec A, Pratt J, King E, Akanbi F, Marino BS. Prevalence and patterns of retention in cardiac care in young adults with congenital heart disease. *J Pediatr* 2013; 163(3):902-904. PMID: 23684108
64. Gupta R, Marino BS, Cnota JF, Ittenbach RF. Finding the right distribution for highly skewed zero-inflated clinical data. *Epidemiology Biostatistics and Public Health* 2013; 10(1):e8732-1 – e8732-15.

PUBLICATIONS (continued):

Peer-Review (continued):

65. MacLaren G, Dodge-Khatami A, Dalton HJ; Writing Committee, MacLaren G, Dodge-Khatami A, Dalton HJ, Adachi I, Almodovar M, Annich G, Bartlett R, Bronicki R, Brown K, Butt W, Cooper D, Demuth M, D'Udekem Y, Fraser C, Guerguerian AM, Heard M, Horton S, Ichord R, Jaquiss R, Laussen P, Lequier L, Lou S, Marino B, McMullan M, Ogino M, Peek G, Pretre R, Rodefeld M, Schmidt A, Schwartz S, Shekerdemian L, Shime N, Sivarajan B, Stiller B, Thiagarajan R. Joint statement on mechanical circulatory support in children: a consensus review from the Pediatric Cardiac Intensive Care Society and Extracorporeal Life Support Organization. *Pediatr Crit Care Med*. 2013; 14(5 Suppl 1):S1-2. PMID: 23735979
66. Brown KL, Ichord R, Marino BS, Thiagarajan RR. Outcomes following extracorporeal membrane oxygenation support in children with cardiac disease. *Pediatr Crit Care Med* 2013; 14(5):S73-S83. PMID: 23735990
67. Cassidy A, Drotar D, Ittenbach RI, Hottinger S, Wernovsky G, Newburger JW, Mahony L, Mussatto K, Teitel D, Cohen M, Marino BS. The impact of socio-economic status on health related quality of life for children and adolescents with heart disease. *Health and Qual Life Res* 2013; 11:99. PMID: 23777248
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69. O'Byrne ML, Mercer-Rosa L, Zhao H, Zhang X, Yang W, Cassidy A, Fogel MA, Rychik J, Tanel RE, Marino BS, Paridon S, Goldmuntz E. Morbidity in children and adolescents following surgical correction of truncus arteriosus communis. *Am Heart J* 2013; 166(3); 512-518. PMID: 24016501
70. O'Byrne ML, Mercer-Rosa L, Zhao H, Zhang X, Yang W, Tanel RE, Marino BS, Cassidy AE, Fogel MA, Rychik J, Paridon S, Goldmuntz E. Morbidity in children and adolescents after surgical correction of interrupted aortic arch. *Ped Cardiol* 2014; 35(3):386-392. PMID: 24036994

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78. Anderson J, Czosek RJ, Uzark K, Knilans TK, Marino BS. The effect of pediatric syncope on quality of life. (National presentation at the Pediatric Academic Societies and Asian Society for Pediatric Research Joint Meeting 2011, Denver, CO, 2011)
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90. Shamszad P, Rossano JW, Marino BS, Lowry AW, Knudson JD. Obesity and diabetes mellitus adversely affect outcomes after cardiac surgery in pediatric hospitals (National presentation at The Pediatric Cardiac Intensive Care Society 9th International Conference, Miami Beach, FL, 2012)
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Annual Scientific Sessions of the International Society of Heart and Lung Transplantation, Nice, France, 2015)

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119. Goldstein BH, Urbina EM, Khoury PR, Gao Z, Mays WA, Redington A, Marino BS. Vascular function is predictive of functional outcomes in adolescent and young adult Fontan survivors. (National presentation at the 88th Scientific Sessions of the American Heart Association, Orlando, FL, 2015)
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122. Bhatt S, Cassedy A, Marino BS, Goldmuntz E, and Mercer-Rosa L. Quality of life is diminished in patients with tetralogy of Fallot with mild residual disease: A comparison of tetralogy of Fallot and isolated valvar pulmonary stenosis. (National presentation at the American College of Cardiology Scientific Sessions, Chicago, IL, 2016)

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2. Olsen M, Marino BS, Woo JG, Heide-Jurgensen U, Madsen N. Body mass index in children with congenital heart disease compared with the general population. (Accepted for presentation at the 50th Annual Association for European Pediatric and Congenital Cardiology, Rome, Italy, 2016)

Abstracts Submitted: None