

CURRICULUM VITAE

Part I: General Information

Full Name: Carlos M. Mery

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Education

M.D.	Excellence Award (High Honors) Tecnológico de Monterrey (ITESM) Medical School Monterrey, Mexico	08/93 – 10/00
M.P.H.	Concentration: Clinical Effectiveness Harvard School of Public Health, Boston, MA	07/00 – 06/01
M.B.A.	Executive MBA, Alliance for Physician Leadership The University of Texas at Dallas, Dallas, TX	01/23 – present

Postgraduate Training

Research Fellowship, Department of Gastroenterology Supervisor: Guillermo Robles-Díaz, MD Instituto Nacional de la Nutrición "Salvador Zubirán", Mexico City, Mexico	08/99 – 07/00
Research Fellowship, Division of Thoracic Surgery Supervisor: Michael T. Jaklitsch, MD Brigham and Women's Hospital, Boston, MA	09/00 – 07/01
Junior Clinical Fellowship, Cardiac Surgery Brigham and Women's Hospital, Boston, MA	07/01 – 06/02
Residency, General Surgery Brigham and Women's Hospital / Harvard Medical School, Boston, MA	07/07 – 06/09 07/02 – 06/05
Fellowship, Biodesign Surgical Innovation Stanford University, Stanford, CA	07/05 – 06/07
Fellowship, Cardiothoracic Surgery University of Virginia, Charlottesville, VA	07/09 – 06/11

Fellowship, Congenital Heart Surgery 07/11 – 06/12
 Texas Children's Hospital / Baylor College of Medicine,
 Houston, TX

Licensure

Mexico, SEP 3401877, 09/07/01 (No Exp)

Tennessee, License 72113, Exp. 10/31/2025

Board Certification

Educational Commission for Foreign Medical Graduates (#06134159), 04/06/01

American Board of Surgery (#54711), 11/16/09, Exp 2/28/33

American Board of Thoracic Surgery (#7871), 06/08/12, Exp 12/31/32

American Board of Thoracic Surgery Congenital Cardiac Surgery (#139),
 06/06/13, Exp 12/31/32

Academic Appointments

Assistant Professor of Surgery 07/12 – 09/17
 Baylor College of Medicine, Houston, TX

Assistant Professor of Pediatrics 10/12 – 09/17
 Baylor College of Medicine, Houston, TX

Associate Professor of Surgery and Pediatrics (Tenured) 09/17 – 08/18
 Baylor College of Medicine, Houston, TX

Associate Professor of Surgery and Perioperative Care, and 09/18 –
 Pediatrics (Tenured) present
 Dell Medical School at The University of Texas at Austin, Austin,
 TX

Associate Chief, Section of Pediatric and Congenital 09/18 –
 Cardiothoracic Surgery present
 Dell Medical School at The University of Texas at Austin, Austin,
 TX

Director, Health Transformation and Design Program 09/18 –
 Dell Medical School at The University of Texas at Austin, Austin, present
 TX

Professor of Surgery and Perioperative Care, and Pediatrics 09/24 – 10/24
 (Tenured)
 Dell Medical School at The University of Texas at Austin, Austin,
 TX

Professor of Cardiac Surgery, Pediatrics, and Biomedical 10/24 -
 Informatics present
 Vanderbilt University Medical Center, Nashville, TN

Chief, Division of Pediatric Cardiac Surgery
Vanderbilt University Medical Center, Nashville, TN 10/24 – present

Hospital Appointments

Program Coordinator, Texas Children's Hospital / Kardias / ABC
Hospital International Collaborative in Congenital Heart
Disease 12/12 – 08/18
Houston, TX / Mexico City, Mexico

Surgical Director, Coronary Anomalies Program 12/12 – 08/18
Texas Children's Hospital, Houston, TX

Surgical Director, Single-Ventricle Cardiac Program 09/18 – 10/24
UT Health Austin / Dell Children's Medical Center, Austin, TX

Surgical Director, Coronary Anomalies Program 09/18 – 10/24
UT Health Austin / Dell Children's Medical Center, Austin, TX

Surgical Director, Heart Failure, VAD, and Transplant Program 09/19 – 02/21
Dell Children's Medical Center, Austin, TX 11/21 – 10/24

Co-Executive Director, Pediatric Heart Institute 10/24 – present
Monroe Carell Jr. Children's Hospital at Vanderbilt, Nashville, TN

Professional Organizations

Massachusetts Medical Society (MMS) 2002 – 2009

Association for Academic Surgery (AAS) 2008 – 2009

Thoracic Surgery Residents Association (TSRA) 2009 – 2012
Secretary (2009 – 2010)
President (2010 – 2011)
Member, Education Committee (2011 – 2012)

International Society for Minimally Invasive Cardiothoracic
Surgery (ISMICS) 2010 – 2012

Resident and Associate Society, American College of Surgeons 2002 – 2014
Member, Communications Committee (2005 – 2011)
Vice-Chair, Communications Committee (2007 – 2008)
Chair, Communications Committee (2008 – 2009)

Society of Brigham Surgical Alumni (SOBSA) 2009 – present

Society of Thoracic Surgeons (STS) 2010 – present
Member, Workforce on Clinical Education (2011 – 2014)
Member, Public Reporting Taskforce (2015 – 2022)

Member, Congenital Heart Surgery Database (CHSD) STAT Working Group (2018 – 2022)	
Abstract Reviewer, Annual Meeting (2013 – present)	
Member, Congenital Heart Surgery STS Database Taskforce (2014 – 2021)	
Member, Quality Measurement Taskforce (2022 – 2025)	
Member, Workforce on Technology and Innovation (2022 – 2025)	
Member, Access & Publications Congenital Heart Review Committee (2022 – present)	
Alpha Omega Alpha Honor Medical Society, University of Virginia	2011 – present
American Heart Association (AHA)	2011 – present
Abstract Reviewer, AHA Scientific Sessions (2020 – present)	
University of Virginia Muller-Jones Surgical Society	2012 – present
World Society for Pediatric and Congenital Heart Surgery (WSPCHS)	2012 – present
Member, Program Committee (2022 – 2023)	
Abstract Reviewer, 8th World Congress of Pediatric Cardiology and Cardiac Surgery (2023)	
American Academy of Pediatrics (AAP)	2012 – present
Member, Executive Committee, Section on Cardiology and Cardiac Surgery (2022 – present)	
American College of Cardiology (ACC)	2013 – present
Abstract Reviewer, 71st Annual Scientific Session ACC.22 (2021)	
Abstract Reviewer, 74 th Annual Scientific Session AAC.25 (2025)	
American College of Surgeons (ACS)	2014 – present
Congenital Heart Surgeons Society (CHSS)	2012 – present
Member, Program Committee (2021 – present)	
Chair, Anomalous Aortic Origin of a Coronary Artery (AAOCA) Workgroup (2022 – 2025)	
Chair, Program Committee (2024 – present)	
American Association for Thoracic Surgery (AATS)	
Member, Scientific Affairs & Government Relations Committee (2019 – 2022)	2018 – present
Member, 103 rd Annual Meeting Program Committee (2022 – 2023)	
Abstract reviewer, Annual Meeting (2011 – 2014, 2022 – present)	

Member, Congenital Cardiac Education Committee (2022 – present)	
Co-Chair (Congenital), 104 th Annual Meeting Program Committee (2024 – present)	
Chair (Congenital), 105 th Annual Meeting Program Committee (2024 – present)	
Member, Clinical Guidelines Committee (2024-present)	
Society for Thoracic Surgical Education (STSE)	2019 – present

Professional Activities

University Service

Tecnológico de Monterrey Medical School, Monterrey, Mexico	
President, Tecnológico de Monterrey Medical Students Association	08/96 – 07/97
Moderator, Tecnológico de Monterrey Medical School Academic Senate	08/97 – 07/98
Baylor College of Medicine, Houston TX	
Member, Globalization Council	07/12 – 06/13
Dell Medical School at The University of Texas at Austin, Austin TX	
Member, Kleberg Foundation Medical Research Grant Selection Committee	08/19
Faculty interviewer for Dell Medical School Dean Search	04/22 – 10/22
Member, Vascular Surgery Search Committee	06/22 – 11/22
Member, Adult Cardiothoracic Surgery Search Committee	10/22 – 06/23
Member, Vice Dean of Education and Department of Medical Education Search Committee	07/23 – 03/24
Member, Research Committee, Department of Surgery and Perioperative Care	09/18 – 07/23
Abstract reviewer, Department of Surgery and Perioperative Care Annual Research Symposium	03/19 – 04/24
Member, Comprehensive Faculty Periodic Review Panel, Department of Surgery and Perioperative Care	11/21 – 10/24
Kevin Bozic (Department Chair) (2021)	
Thomas Vetter, David Ring, Stuart Wolfe (2022)	
Member, Research Strategy Committee, Department of Surgery and Perioperative Care	08/23 – 10/24
Member, Faculty Affairs Committee	01/24 – 10/24
Vanderbilt University Medical Center, Nashville, TN	
Member, Pediatric Cardiology Division Director Search Committee	01/25 – present

Hospital Service

Brigham and Women's Hospital, Boston MA	
Member, Rapid Response System Task Force	07/07 – 06/09
Member, Task Force for Reduction of Nosocomial Urinary Tract Infections	06/08 – 06/09
Founder and Moderator, Surgical Innovation Residents Program, Center for Advancement of Surgical Technology	07/08 – 06/09
Texas Children's Hospital, Houston TX	
Member, CVOR Surgical Safety Checklist Committee	07/12 – 06/13
Member, Surgery Webpage Development Task Force	07/12 – 06/13
Member, Critical Events Checklists Task Force	01/14 – 12/14
Member, CareFirst Infrastructure Development Multidisciplinary Task Force	01/14 – 12/15
Member, EPIC Provider Liaison Committee	07/12 – 06/16
Member, Surgical Research Day Organizing Committee	01/15 – 06/16
Member, Video Retention Policy Development Sub-Committee, Department of Surgery	03/17 – 03/18
Member, Heart Center Biorepository Tissue Allocation Committee	07/12 – 08/18
Member, Pediatric Heart Transplant Medical Review Board	07/12 – 08/18
Member, Annual Samuel Stal Award Selection Committee, Dept Surgery	03/13 – 08/18
Member, Dept of Surgery Research Seed Grant Selection Committee	03/14 – 08/18
Member, Surgical Site Infections Acquired Conditions Task Force	07/14 – 08/18
Member, Global Health Steering Committee	07/15 – 08/18
Member, International Services Advisory Council	07/15 – 08/18
Member, Heart Center Flight Plan Strategy	07/17 – 08/18
Dell Children's Medical Center, Austin TX	
Member, Emergent ECMO Support Development Taskforce	12/18 – 04/19
Member, Ascension Clinical Technology Advisory Council	03/20 – 03/22
Interviewer, candidates for hospital President and CEO	12/22 – 02/23
Member, Heart Center Leadership Steering Committee	09/18 – 06/24
Surgical Representative, Heart Center Quality Assurance	09/18 – 10/24
Member, Single-Ventricle Taskforce	11/18 – 10/24
Member, Pediatric Cardiovascular Clinical Technology Steering Committee	07/19 – 10/24
Member, Transplant Steering Committee	10/19 – 10/24
Monroe Carell Jr. Children's Hospital at Vanderbilt, Nashville TN	

Lead, Pediatric Heart Institute Executive Leadership Committee	10/24 – present
Member, Single-Ventricle and Norwood Workgroup	10/24 – present
Member, Heart Transplant Medical Review Board	10/24 – present
Member, Office of the Surgeon-In-Chief (OSIC) Leadership Committee	11/24 – present

Visiting Professorships

Visiting Professor and lecturer for Heart Center Ground Rounds, Primary Children's Hospital / University of Utah, Salt Lake City, UT	10/23
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Other Professional Activities

Dell Medical School at The University of Texas / Dell Children's Medical Center	
Development of pediatric cardiac transplantation program	09/19 – 02/21
Development of the Coronary Anomalies Program	09/18 – 06/19
Redesign of Heart Center Quality Assurance Conferences	09/18 – 12/19
Development of single-ventricle program	11/18 – 12/19
Single ventricle journey redesign initiative with the Value Institute for Health and Care and the Design Institute for Health	10/18 – 06/23
Creation of psychosocial support team and psychosocial clinical liaison	11/18 – 10/24
Vanderbilt University Medical Center, Nashville, TN	
Development of Coronary Artery Anomalies Program	03/25 - present

Community and Other Service

President, Organizing Committee of "Meditec '95" Medical Fair, Tecnológico de Monterrey Medical School, Monterrey, Mexico	07/94 – 04/95
Program Coordinator, Global Health by Design Program, Stanford University, Stanford CA	07/06 – 06/07
Ex-Officio Member, Surgical Training and Manpower Committee, European Association for Cardiothoracic Surgery (EACTS)	06/10 – 06/11
Board Member, International Network for Young Cardiothoracic Surgeons (iNYCTS)	07/11 – 06/14
Organizer, congenital heart disease fair for elementary school students. Magellan International School, Austin, TX.	01/24
Organizer, congenital heart disease fair. The Science Mill Museum, Johnson City, TX.	03/24
Board Member, National Coronary Anomalies Foundation (NCAF)	11/20 – present

Lead, Coronary Anomalies Research and Education Collaborative	06/20 – present
Grant reviewer, Single Ventricle Research Fund, Additional Ventures	10/22 – present
Co-Founder and Member, International Coronary Artery Anomalies Collaborative	01/23 – present

Editorial Boards

eNewsletter, Resident and Associate Society, American College of Surgeons	2006 – 2008
Editor	2006
Associate Editor	
eFACS Webportal, American College of Surgeons, Editorial Board	2008 – 2009
Journal and News Scan, CTSNet, Editorial Board	2013 – 2014
Journal of Thoracic and Cardiovascular Surgery, Editorial Board	2015 – present
Deputy Statistical Editor	2015 – present
Program Editor	2025
World Journal for Pediatric and Congenital Heart Surgery, Editorial Board	2017 – present

Peer Editorial Ad Hoc Reviewing

World Journal for Pediatric and Congenital Heart Surgery	2014 – present
Cardiology in the Young	2014 – present
Journal of Surgical Research	2015 – present
The Annals of Thoracic Surgery	2015 – present
Congenital Heart Disease	2015 – present
Journal of Thoracic and Cardiovascular Surgery	2015 – present
Texas Heart Institute Journal	2015 – present
IHJ Cardiovascular Case Reports	2017 – present
BMJ Case Reports	2017 – present
European Journal of Cardio-Thoracic Surgery	2018 – present
Progress in Pediatric Cardiology	2018 – present
Case Reports in Cardiology	2019 – present
Pediatric Critical Care in Medicine	2019 – present
Journal of the American Heart Association	2019 – present
Pediatric Cardiology	2020 – present
The Heart Surgery Forum	2020 – present
Journal of the American College of Cardiology	2021 – present
Clinical Medical Insights: Cardiology	2021 – present

Journal of International Medical Research	2021 – present
Artificial Organs	2023 – present

Honors and Awards

Tecnológico de Monterrey Academic Excellence Scholarship to study medical school	08/93
Scholarship by the Mexican National Science and Technology Council (CONACyT) to study M.P.H.	07/00
Scholarship by Fundación México en Harvard to study M.P.H.	07/00
Graduated first in class from ITESM Medical School, High Honors	10/00
Alfred Soffer Research Award, American College of Chest Physicians – CHEST 2001	11/01
Finalist, Alfred Soffer Research Award, American College of Chest Physicians – CHEST 2002	11/02
Rudolph W. Vollman Award for commitment to patient care and education, Brigham and Women's Hospital / Faulkner Hospital / Harvard Medical School	06/05
Excellence in Teaching Award, Brigham and Women's Hospital / Harvard Medical School	06/05
Finalist, MIT 100K Business Plan Competition for Apnyx: A method to treat obstructive sleep apnea	05/06
Runner up, Stanford University BASES E-Challenge Business Plan Competition for Apnyx: A method to treat obstructive sleep apnea	06/06
Finalist, American College of Surgeons Resident Award for Exemplary Teaching	11/08
Robert T. Osteen Award for surgical education of medical students, Brigham and Women's Hospital / Harvard Medical School	06/09
Moore Award for excellence in patient care and teaching of junior residents, Brigham and Women's Hospital / Harvard Medical School	06/09
Resident inductee, Alpha Omega Alpha Honor Medical Society, University of Virginia	06/11
Matthew Linn Fellowship Award, Congenital Heart Surgery, Texas Children's Hospital	07/11

Elected for participation in the American Association for Thoracic Surgery (AATS) Leadership Academy	04/12
Specialty Fellow, American Academy of Pediatrics	10/12
Fellow, American College of Cardiology	03/14
Fellow, American College of Surgeons	10/14
Commencement Speaker, Tecnológico de Monterrey (ITESM) Medical School Graduation, Monterrey, Mexico	01/15
Houstonia Magazine Top Doctors	08/15
Young Investigator Award (Junior Faculty), American Academy of Pediatrics (AAP), Section on Cardiology and Cardiac Surgery	10/16
Top Performance Award of the Editorial Board, The Journal of Thoracic and Cardiovascular Surgery	04/17
Norton Rose Fulbright Faculty Excellence Award for Teaching and Evaluation, Baylor College of Medicine	05/17
Early Career Faculty Award for Excellence in Patient Care, Baylor College of Medicine	05/17
Faculty Mentor Research Award, Department of Surgery, Texas Children's Hospital	05/17
Dell Med Visionaries, Dell Medical School at The University of Texas at Austin (https://dellmedvisionaries.squarespace.com/)	10/22
Super Doctors Texas, Texas Monthly	2018 – 2024
Castle Connolly Top Doctors	2018 – 2024
Austin Monthly, Top Doctors	2021 – 2024
Selected for cover of Austin Monthly magazine edition on Top Doctors (https://www.austinmonthly.com/issues/austin-monthly-january-february-2023/)	01/23
Selected for Dell Medical School's Portrait in Commitment (https://uthealthaustin/commitment/carlos-mery)	05/23
The American Registry, America's Most Honored Doctors	2023, 2024
Top Scholar, ScholarGPS	2024

Part II: Research, Teaching, Clinical and Leadership Contributions

Teaching Activities

Educational Administration and Leadership

Member, Joint Council on Thoracic Surgery Education (JCTSE) I-6 Fundamentals Curriculum Committee	01/11 – 01/14
Member, Self-Education and Self-Assessment in Thoracic Surgery (SESATS) XI Writing Committee	09/11 – 06/13
Associate Program Director, ACGME-Accredited Fellowship in Congenital Heart Surgery, Texas Children's Hospital / Baylor College of Medicine, Houston, TX	12/16 – 01/18
Member, Texas Heart Institute/Baylor College of Medicine Thoracic Surgery Residency Education Committee, Houston, TX	07/12 – 08/18
Member, Graduate Education Committee, Michael E. DeBakey Department of Surgery, Baylor College of Medicine, Houston, TX	07/12 – 08/18
Site Director (Congenital Heart Surgery), Michael E. DeBakey Summer Surgery Program for Undergraduate Students, Baylor College of Medicine, Houston, TX	07/12 – 08/18
Supervisor, Elective in congenital heart surgery, Baylor College of Medicine, Houston, TX	07/12 – 08/18
Site Director (Congenital Heart Surgery Rotation), General surgery core clerkship for medical students, Baylor College of Medicine, Houston, TX	07/12 – 08/18
Site Director (Congenital Heart Surgery), ACGME-Accredited Fellowship in Thoracic Surgery, Texas Heart Institute / Baylor College of Medicine, Houston, TX	06/17 – 08/18
Program Director, ACGME-Accredited Fellowship in Congenital Heart Surgery, Texas Children's Hospital / Baylor College of Medicine, Houston, TX	01/18 – 08/18
Coordinator, International medical student observers, Heart Center, Dell Children's Medical Center, Austin, TX	09/18 – 10/24
Coordinator, International Social Service Students, Heart Center, Dell Children's Medical Center / Dell Medical School at The University of Texas at Austin, Austin, TX	09/18 – 10/24
Program Director and Faculty Supervisor, Health Transformation Fellowship in Congenital Heart Disease, Dell Medical School at The University of Texas at Austin / Dell	07/19 – 10/24

Children's Medical Center / Value Institute for Health and Care, Austin, TX	
Program Co-Director, Clinical Innovation and Design Program, The University of Texas at Austin Dell Medical School / Department of Biomedical Engineering, Austin, TX	10/19 – 10/24
Course Director, Enrichment elective experience in congenital heart disease for first-year medical students, Dell Medical School at The University of Texas at Austin	05/22 – 10/24
Supervisor, Acting internship in congenital heart surgery, Dell Medical School at The University of Texas at Austin	05/22 – 10/24
Site Director (Congenital Heart Surgery Rotation), General surgery core clerkship for medical students, Dell Medical School at The University of Texas at Austin	05/22 – 10/24

Development of Curricula and Educational Materials

Seminar in Clinical Research, Congenital Heart Surgery, Texas Children's Hospital, Houston TX.	12/16 – 12/17
Curriculum development for core and elective medical students rotating through Congenital Heart Surgery. Baylor College of Medicine / Texas Children's Hospital, Houston TX. Revised 2012, 2014, 2016.	07/12 – 08/18
Congenital Section, Core Curriculum Lecture Series, Cardiothoracic Surgery Residency, Baylor College of Medicine / Texas Heart Institute, Houston TX. Revised 2012, 2013, 2014.	07/12 – 08/18
Core Curriculum Lecture Series, Congenital Heart Surgery, Baylor College of Medicine / Texas Children's Hospital, Houston TX. Revised 2012, 2013, 2014, 2015, 2018.	07/13 – 08/18
Congenital heart surgery video library, Texas Children's Hospital, Houston TX	06/16 – 08/18
Texas Children's Handbook of Congenital Heart Disease, Texas Children's Hospital, Houston TX.	11/15 – 10/20
Clinical Innovation and Design Distinction, University of Texas Dell Medical School	01/19 – 10/24

Course Development and Teaching

Design for Extreme Affordability, Graduate students (design, medical, business, engineering), Stanford University, Stanford CA	08/06 – 06/07
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Team Mentor (4 hours per week)	
Biodesign Medical Innovation, Graduate students (medical, business, engineering), Stanford University, Stanford CA Teaching Assistant (4 hours per week, 30 students)	08/06 – 06/07
Congenital Heart Surgery Core Curriculum Lecture Series, Cardiothoracic Surgery Residency, Texas Heart Institute / Baylor College of Medicine, Houston TX Lecturer (1 hour per week - 12 weeks per academic year, 12 students)	07/12 – 08/18
Congenital Heart Surgery Core Curriculum Lecture Series, Congenital Heart Surgery Residency, Texas Children's Hospital / Baylor College of Medicine, Houston TX Director, lecturer, and moderator (1 hour per week, 8-10 students)	07/13 – 08/18
Congenital Heart Disease Teaching Sessions for trainees and Advance Practice Providers, University of Texas at Austin Dell Medical School / Dell Children's Medical Center, Austin TX Lecturer (1 hour per week, 15-20 learners in-person and remote)	10/20 – 10/24
Educational sessions for cardiac operating room nursing and tech staff, Dell Children's Medical Center, Austin TX Lecturer (0.5 hours per week, 5-10 learners in-person and remote)	06/22 – 10/24
Educational sessions for cardiac operating room nursing and tech staff, Monroe Carell Jr. Children's Hospital at Vanderbilt, Nashville TN Lecturer (0.5 hours per week, 10-15 learners in-person and remote)	10/24 – present
Congenital Heart Disease Teaching Sessions for Fellows and Advance Practice Providers, Monroe Carell Jr. Children's Hospital at Vanderbilt, Nashville TN Lecturer (1.0 hours per week, 20-25 learners in-person and remote)	10/24 – present

Continuing Medical Education

President, Organizing Committee of the International Congress "Pain: a multidisciplinary approach", Tecnológico de Monterrey Medical School, Monterrey, Mexico	08/96 – 05/97
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Course Co-Director, Texas Children's Hospital Symposium in Congenital Coronary Anomalies 2013, Texas Children's Hospital / Baylor College of Medicine, Houston, TX	12/13
Course Co-Director, Symposium on Coronary Artery Anomalies 2014, Texas Children's Hospital, Houston, TX	12/14
Course Co-Director, 3 rd Symposium on Coronary Artery Anomalies 2016, Texas Children's Hospital / The Children's Hospital of Philadelphia, Philadelphia, PA	09/16
Course Co-Director, Update Course in Congenital Heart Disease 2018, Texas Children's Hospital, Mexican Society Congenital Heart Disease (AMECC), Kardias Foundation, San Miguel de Allende, Mexico	02/18
Course Co-Director, Symposium on Coronary Artery Anomalies 2018, Texas Children's Hospital / The Children's Hospital of Philadelphia, Houston, TX	12/18
Session Co-Developer. MyTube: Congenital Video and Expert Panel Session. Society of Thoracic Surgeons (STS) 56 th Annual Meeting. New Orleans, LA	01/20
Organizing Committee, Symposium on Coronary Artery Anomalies 2022, Texas Children's Hospital, Houston, TX	12/22
Organizing Committee and Co-Chair, 23 rd World University for Pediatric and Congenital Heart Surgery Webinar – Coronary Anomalies part 2	12/22
Organizing Committee, Symposium on Coronary Artery Anomalies 2024, Texas Children's Hospital, Houston, TX	12/24

Clinical Teaching and Supervision

Medical students (core clerkship and electives), Baylor College of Medicine, Houston TX. Faculty supervisor and Site Director (10-20 hours per week, 1-2 students)	07/12 – 08/18
General surgery interns, Baylor College of Medicine, Houston TX. Faculty supervisor (5-10 hours per week, 1 intern)	07/12 – 08/18
Cardiothoracic surgery residents, Texas Heart Institute / Baylor College of Medicine, Houston TX. Faculty supervisor (30-40 hours per week, 1 resident).	07/12 – 08/18
Congenital heart surgery fellows, Texas Children's Hospital / Baylor College of Medicine, Houston TX. Faculty supervisor and Program Director (30-40 hours per week, 2-3 fellows).	07/12 – 08/18

Surgical advance practice providers (APPs) and nurse navigators, Dell Children's Medical Center. Faculty supervisor (5-10 hours per week, 2-3 APPs/nurses)	09/18 – 10/24
Medical students (core clerkship), University of Texas Dell Medical School, Austin, TX. Faculty supervisor (10-20 hours per week, 1 student)	10/18 – 10/24
International medical student observers, Dell Children's Medical Center. Faculty sponsor (5-10 hours per week, 1-2 students)	10/18 – 10/24
General surgery residents, University of Texas Dell Medical School, Austin, TX. Faculty supervisor (10-20 hours per week when applicable, 1 resident)	02/19 – 10/24
Congenital heart surgery faculty instructors, University of Texas Dell Medical School, Austin TX. Faculty supervisor (30-40 hours per week, 1-2 instructors)	02/19 – 10/24
Cardiothoracic surgery residents (ACGME), Houston Methodist. Dell Children's Medical Center, Austin TX. Faculty supervisor (30-40 hours per week, 1 resident, 2 months/year)	07/22 – 10/24
Cardiothoracic surgery residents (ACGME), Vanderbilt University Medical Center, Nashville, TN. Faculty supervisor (30-40 hours per week, 2 residents, 2 months/year/resident)	10/24 – present

Trainee Supervision and Mentoring

Students

Michael E. DeBakey Summer Surgery Program for Undergraduate Students, Baylor College of Medicine, Houston TX, Faculty Supervisor	
Blake Niccum (Internist, Hospital of the University of Pennsylvania)	06/12 – 08/12
Alyssa Thomason (Resident, Baylor College of Medicine)	06/13 – 08/13
Syed Ali (Resident, Baylor College of Medicine)	06/14 – 08/14
Luke Bailey (Graduate Student, MS Medical Sciences, Univ North Texas)	06/15 – 08/15
Linden Shih (Resident, Texas Children's Hospital)	06/16 – 08/16
Laura Rathjen (College Student, University of Texas Austin)	06/17 – 07/17
Shivanki Juneja (Medical student, Baylor College of Medicine)	07/17 – 08/17
Mentor/Advisor for Engineering Students, Faculty Advisor Texas A&M Aggies Invent "Hack-a-Thon" Event	10/15

University of Houston Biomedical Engineering Design Team (1 semester)	01/16 – 05/16
Texas A&M Capstone Design in Mechanical Engineering (2 semesters)	01/16 – 12/16
Longitudinal Ambulatory Care Experience (LACE) Mentoring for Medical Students, Baylor College of Medicine, Houston TX, Faculty Supervisor	
Raymond Verm (Resident, Loyola University Cardiovascular and Thoracic Surgery)	08/14 – 12/14
Rohan Shah (Medical director, Peloton Advantage, Boston, MA)	01/17 – 06/17
Direct medical student mentoring, Baylor College of Medicine, Houston TX	
Raymond Verm (Resident, Loyola University Cardiovascular and Thoracic Surgery)	06/12 – 06/15
Kyle Carpenter (Surgical critical care fellow, University of Michigan)	06/13 – 08/14
Sergio Navarro (Resident, University of Minnesota)	10/15 – 6/16
Discovery year in research (3 rd year medical students), University of Texas Dell Medical School, Austin TX, Faculty mentor	
Catherine Dawson Gore, MD (Resident, UC Health University of Colorado Hospital)	09/20 – 06/21
Catherine Stauber (Medical student, Dell Medical School)	09/23 – 06/24
Clinical Innovation and Design Program, University of Texas at Austin Dell Medical School and Department of Bioengineering, Austin TX, Program Co-Director and clinical mentor	
Kayli Kallina (Medical student, Dell Medical School)	09/20 – 05/21
Morgan Gaither (Medical student, Dell Medical School)	09/20 – 05/21
Hayley Meier (MS bioengineering graduate student, University of Texas at Austin)	09/20 – 05/21
Raghav Upadhyaya (Assistant research scientist, Texas A&M School of Engineering Medicine)	09/20 – 05/21
Faiz Baqai (Medical student, Dell Medical School)	09/21 – 05/22
Micah Secor (Medical student, Dell Medical School)	09/21 – 05/22
Sanjana Srinath (MS bioengineering graduate student, University of Texas at Austin)	09/21 – 05/22
Juan Villacres (MS bioengineering graduate student, University of Texas at Austin)	09/21 – 05/22
Natalie Weston (Medical student, Dell Medical School)	09/21 – 05/22
Heather Armstrong (MS bioengineering graduate student, University of Texas at Austin)	09/22 – 05/23

Joy Cheshire (MS bioengineering graduate student, University of Texas at Austin)	09/22 – 05/23
Kylie Hoyt (MS bioengineering graduate student, University of Texas at Austin)	09/22 – 05/23
Alex Whitman ((MS bioengineering graduate student, University of Texas at Austin)	09/22 – 05/23
Marc Abdallah (MS bioengineering graduate student, University of Texas at Austin)	09/23 – 05/24
Arjun Bellamonda (MS bioengineering graduate student, University of Texas at Austin)	09/23 – 05/24
Alaukik Gupta (MS bioengineering graduate student, University of Texas at Austin)	09/23 – 05/24
Nneka Ede (Medical student, Dell Medical School)	09/23 – 05/24
Gilmar Ortega (Medical student, Dell Medical School)	09/23 – 05/24
MA in Design in Health Graduate Students, University of Texas at Austin Dell Medical School / College of Fine Arts, Austin TX, Clinical sponsor and mentor	
Chavie Cramer (Design research and project lead, Greater Good Studio)	01/21 – 05/21
Bonnie Du (Surgery resident, Dell Medical School)	01/21 – 05/21
Madeline Hanes (Pediatric resident, Children's National Hospital)	01/21 – 05/21
Julia Mahoney (Population health service designer, Lifespark)	01/21 – 05/21
Lyndsey Wang (Consultant, Design Strategist, Deloitte Digital)	01/21 – 02/22
Graduate Students, Economic Evaluation of Local Health Care Programs, LBJ School of Public Affairs at The University of Texas at Austin, Clinical sponsor	
Aditya Gollakota (Consultant, Design Strategist, Deloitte Digital)	01/21 – 05/21
Brittany Head (Production assistant, Dependable Expendables)	01/21 – 05/21
Jessica Killingley (Medical student, Dell Medical School)	01/21 – 05/21
Kelsey Mumford (Medical student, Dell Medical School)	01/21 – 05/21
Direct medical student mentoring, Dell Medical School at The University of Texas at Austin, Austin TX	
Catherine Stauber (Medical student, Dell Medical School)	05/22 – present
Swati Iyer (Medical student, Texas A&M University)	06/22 – present
Mamadou Balde (Medical student, Dell Medical School)	10/23 – present
Plan II Honors Undergraduate Student Program, The University of Texas at Austin, Thesis advisor and mentor	
Emilia Alton-Martelet (Masters in Medical Anthropology student, University of Oxford). Thesis: Navigating a	09/23 – present

Healthcare Ecosystem: Barriers to Successful Patient and Family Communication in a Cardiac Care Unit.

Residents and Fellows

Cardiothoracic surgery residents, Texas Heart Institute / Baylor College of Medicine, Faculty mentor	
Corinne Tan, MD (Cardiothoracic surgeon, SSM Health Cardinal Glennon Children's Hospital)	10/15 – 06/18
Peter Chen, MD (Cardiothoracic surgeon, University of Texas-Houston Health Sciences Center)	04/16 – 06/18
ACGME Congenital heart surgery fellows, Texas Children's Hospital / Baylor College of Medicine, Faculty supervisor and mentor	
Juan Lehoux, MD (Congenital heart surgeon, Children's Heart Center of Nevada), Faculty supervisor / mentor	07/13 – 06/14
Mark Roeser, MD (Assistant Professor, congenital heart surgeon, University of Virginia), Faculty supervisor / mentor	07/14 – 06/15
Julia Swanson, MD (Cardiothoracic surgeon, Providence Heart & Vascular Institute), Faculty supervisor / mentor	07/15 – 06/16
Neil Cambroner, MD (Program Director, ACGME Fellowship in Congenital Heart Surgery; Assistant Professor, Baylor College of Medicine), Associate Program Director	01/17 – 12/17
Chris Greenleaf, MD (Assistant Professor, Pediatric and Congenital Heart Surgery, McGovern Medical School, University of Texas at Houston; congenital heart surgeon, Memorial Hermann Children's Heart Institute), Program Director	07/17 – 08/18
Faculty instructors in congenital heart surgery, Texas Children's Hospital / Baylor College of Medicine, Faculty supervisor and mentor	
Yuji Naito, MD, PhD (Cardiac surgeon, Kitasato University, Japan)	07/12 – 06/13
Yishay Orr, MBBS, PhD, FRACS (Congenital heart surgeon, Associate Professor, Texas Children's Hospital / Baylor College of Medicine)	02/13 – 01/14
David Horne, MD, DCH, FRCS(C) (Pediatric cardiac surgeon, IWK Health Centre, Halifax, Canada)	07/15 – 06/16
Ziyad Binsalamah, MD (Congenital heart surgeon, Maine Medical Center)	07/14 – 06/17
Ziv Beckerman, MD (Associate Professor of Surgery, congenital heart surgeon, Duke University School of Medicine)	07/16 – 06/17

Rajat Kalra, MBBS, MS, MCh (Faculty instructor, Texas Children's Hospital / Baylor College of Medicine)	07/17 – 07/18
Pediatric cardiology fellows, Texas Children's Hospital / Baylor College of Medicine, Research mentor	
Christopher Broda, MD (Adult congenital cardiology fellow, Texas Children's Hospital / Baylor College of Medicine)	08/16 – 08/18
Joseph Spinner, MD (Pediatric heart failure fellow, Texas Children's Hospital / Baylor College of Medicine)	08/16 – 08/18
Faculty instructors in congenital heart surgery, Dell Medical School / Dell Children's Medical Center, Faculty supervisor and mentor	
Sara Mendoza, MD (Cardiothoracic surgeon, University of Pittsburgh School of Medicine)	10/19 – 10/20
Lok Sinha, MD (Cardiothoracic surgeon, Cleveland Clinic)	09/19 – 06/21
Jack Parker, MD (Cardiac heart surgeon, Germany)	10/21 – 10/22
Sujata Subramanian, MD	02/21 – 06/23
Roderick Yang, MD	10/23 – 10/24
Davi Tenorio, MD	10/23 – 10/24

Postdoctoral Trainees

Stanford Global Health by Design, Program Director and mentor	
Óscar Miranda-Domínguez, PhD (Assistant Professor, Department of Pediatrics, University of Minnesota, Medical School)	07/06 – 06/07
Santiago Ocejo-Torres, MD, MPH, MBA (CEO & Founder, Salud Cercana, Mexico)	07/06 – 06/07
Texas Children's Hospital / Baylor College Medicine, Faculty supervisor	
M. Shoaib Khan, MD (Family practitioner, Community Regional Medical Center)	07/12 – 06/13
Francisco Guzmán-Pruneda, MD (Associate Professor of Surgery, Columbia University Medical Center)	07/13 – 06/15
Daniel Trujillo-Díaz, MD (Postdoctoral associate, Yale School of Medicine)	07/15 – 06/16
Luis De León, MD (Principle Clinical Research Scientist, Johnson and Johnson)	07/15 – 06/17
Martín Chacón, MD (Internal medicine resident, Banner-University Medical Center South)	07/16 – 06/18
Rodrigo Zea-Vera, MD (Cardiothoracic surgery resident, Washington University at St Louis)	07/16 – 06/18
Christopher Ibarra, MD (Research scientist, Houston Methodist Hospital)	05/18 – 08/18

Dell Medical School / Dell Children's Medical Center, Faculty supervisor

Luis Martínez-Bravo, MD (Geriatrics resident, IMSS Nuevo León, Monterrey, Mexico)	09/18 – 07/19
Diego Ramonfaur, MD (Internal medicine resident, Cleveland Clinic)	08/19 – 06/20
Michelle Mizrahi Yaffe, MD (Pediatrics resident, University of Illinois College of Medicine)	10/19 – 10/21
Andrew Well, MD (Assistant Professor, University of Texas Dell Medical School / Dell Children's Medical Center)	07/19 – 09/21
Matthew Mikulski, MD (General surgery resident, University of Massachusetts at Baystate)	07/21 – 06/23
Sergio Estevez, MD (Associate Professor of General Surgery, Tec de Monterrey; GI Endoscopy fellow, Hospital GEA Gonzalez)	12/21 – 02/23
Abraham Gutierrez, MD (Masters in Public Health student, Harvard T.H. Chan School of Public Health)	02/22 – present
Mónica Sofía Ponce (Postdoctoral fellow, University of Texas Dell Medical School / Dell Children's Medical Center)	08/23 – present
Mario O'Connor, MD (Postdoctoral fellow, University of Texas Dell Medical School / Dell Children's Medical Center)	10/23 – present
María Hoyos, MD (Postdoctoral fellow, University of Texas Dell Medical School / Dell Children's Medical Center)	10/23 – present

Faculty

Ziyad Binsalamah, MD (Congenital heart surgeon, Maine Medical Center, Portland, ME). Clinical and research mentor.	02/21 – 11/21
Ziv Beckerman, MD (Associate Professor of Surgery, Congenital heart surgeon, Duke University School of Medicine, Durham, NC). Clinical and research mentor.	09/18 – 05/22
Neil Venardos, MD (Assistant Professor of Surgery and Perioperative Care, Congenital heart surgeon, University of Texas Dell Medical School / Dell Children's Medical Center, Austin, TX). Clinical and research mentor.	08/22 – 07/24
Alexandra Lamari-Fisher, PhD (Assistant Professor of Psychiatry and Behavioral Sciences, University of Texas Dell Medical School / Dell Children's Medical Center). Research mentor.	09/18 – 10/24

Heather Van Diest, MPH, LCSW (Senior Social Worker, University of Texas Dell Medical School / Dell Children's Medical Center). Research mentor.	03/19 – 10/24
Andrew Well, MD (Assistant Professor of Surgery and Perioperative Care, University of Texas Dell Medical School / Dell Children's Medical Center). Research mentor.	10/22 – 10/24
Garrett Coyan, MD (Assistant Professor of Cardiac Surgery, Vanderbilt University Medical Center). Clinical mentor.	10/24 – present
Ziv Beckerman, MD (Associate Professor of Cardiac Surgery and Pediatrics, Vanderbilt University Medical Center). Clinical and leadership mentor.	2/25 – present

Research Grants

Pending

Patient-Centered Outcomes Research Institute (PCORI), Mery (PI) [in review] Effect of management strategy on clinical outcomes, quality of life, and psychosocial well-being in anomalous aortic origin of the right coronary artery Total costs: \$12M Role: Overall PI (multi-institutional) (5% effort)	2026-2031
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Current

National Heart, Lung, and Blood Institute (NHLBI), Anderson (PI) [in review] Linking state Medicaid and congenital heart surgical registry data: Building capacity to assess disparities in longitudinal outcomes and value for children with congenital heart disease Total costs: \$ 5M Role: Co-Investigator (5% effort)	2025 – 2029
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Completed

National Collegiate Inventors and Innovators Alliance (NCIIA), 3052-05, Krummel (PI) A method to prevent airway obstruction in patients with obstructive sleep apnea To develop and test a device for relief of airway obstruction in patients with obstructive sleep apnea using a memory-shaped tongue implant Total costs: \$20,000 Role: E-team member	2006 – 2007
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<p>Stanford University Office of Technology Licensing Seed Grant, Krummel (PI)</p> <p>A method to prevent heart dilation and progression to heart failure To develop a biodegradable polymer to be used to create a heart restraint to treat congestive heart failure</p> <p>Total costs: \$15,000 Role: Co-Investigator</p>	2006 – 2007
<p>National Collegiate Inventors and Innovators Alliance (NCIIA), 4214-06, Krummel (PI)</p> <p>A method to prevent heart dilation and progression to heart failure To develop a biodegradable polymer to be used to create a heart restraint to treat congestive heart failure</p> <p>Total costs: \$20,000 Role: E-team member</p>	2007 – 2008
<p>Virginia and L.E. Simmons Family Foundation Mini Collaborative Research Grant, Mery / Nagarajaiah (PI)</p> <p>Intelligent Pulmonary Artery Band for Patients with Congenital Heart Disease</p> <p>To develop an adjustable pulmonary artery band prototype using memory-shaped alloys</p> <p>Total costs: \$24,962 Role: PI</p>	2016 – 2017
<p>NIH/NHLBI, 1U10HL109741-01, Baylor College Med / Texas Children's Hosp, Penny / Andropoulos / Shekerdeman / Mery (PI)</p> <p>Pediatric Heart Network Multi-institutional clinical research consortium for congenital heart disease</p> <p>Annual costs: \$220,000 Roles: Site Co PI, 2017 – 2018 Site Co-Investigator, Collaborative Learning Study, 2015 – 2018 Member, Publications and Presentations Committee, 2015 – 2018 Site PI, Residual Lesion Score Study, 2014 – 2018</p>	2011 – 2023
<p>Texas Children's Hospital Department of Surgery Seed Grant Award, Mery (PI)</p> <p>Development of a novel open fetal cardiac surgical intervention for creation of an atrial septal defect in patients with hypoplastic left heart syndrome & an intact or highly restrictive atrial septum To develop a method to create an atrial septal defect in a fetal lamb model</p> <p>Total costs: \$49,700</p>	2015 – 2018

Role: PI

National Heart, Lung, and Blood Institute (NHLBI) / National Science Foundation (NSF) SMART Program, 1R01HL177816-01, Jia (PI) 2024

A biomechanics-guided wireless ultrasound e-tattoo with an application specific integrated circuit for ambulatory blood pressure monitoring

Total costs: \$1,178,957

Role: Co-PI (1-1.5% effort)

Transitioned role to different co-PI due to change of institution

Patient-Centered Outcomes Research Institute (PCORI), Mery (PI) 2020 – 2023
 “Advancing Research in Coronary Anomalies Through Capacity Building and Community Engagement”

Total Award: \$249,255

Role: PI (multicenter study)

Part III: Bibliography

Publications

Peer-Reviewed Publications

1. Cobos H, Fabela F, Ayala F, **Mery C**, Campos B. [Three factors in the analysis of neonatal weight]. *Rev Inv Med SS (Mex)* 1996; 1:3-6.
2. Morales M, Galvan E, **Mery CM**, Castro G, Uscanga LF, Robles-Diaz G. Exocrine pancreatic insufficiency in tropical sprue. *Digestion* 2001;63(1):30-4.
3. Jaklitsch MT, **Mery CM**, Lukanich JM, Richards WG, Bueno R, Swanson SJ, Mentzer SJ, Davis BD, Allred EN, Sugarbaker DJ. Sequential thoracic metastasectomy prolongs survival by re-establishing local control within the chest. *J Thorac Cardiovasc Surg* 2001 Apr;121(4):657-67.
4. **Mery CM**, Duarte-Rojo A, Paz-Pineda F, Gomez E, Robles-Diaz G. [Does cholestasis change the clinical usefulness of CA 19-9 in pancreatobiliary cancer?]. *Rev Invest Clin* 2001 Nov-Dec;53(6):511-7.
5. **Mery CM**, Rubio V, Duarte-Rojo A, Suazo-Barahona J, Pelaez-Luna M, Milke P, Robles-Diaz G. Android fat distribution as predictor of severity in acute pancreatitis. *Pancreatology* 2002 2(6):543-9.
6. Morales A, Duarte-Rojo A, Angeles-Angeles A, **Mery CM**, Ruiz-Molina JM, Diaz-Sanchez V, Robles-Diaz G. The beta form of the estrogen receptor is predominantly

- expressed in the papillary cystic neoplasm of the pancreas. *Pancreas* 2003 Apr;26(3):258-63.
7. Moore KA, **Mery CM**, Jaklitsch MT, Estocin AP, Bueno R, Swanson SJ, Sugarbaker DJ, Lukanich JM. Menopausal effects on presentation, treatment, and survival of women with non-small cell lung cancer. *Ann Thorac Surg* 2003 Dec;76(6):1789-95.
 8. Vidaltamayo R, **Mery CM**, Angeles-Angeles A, Robles-Diaz G, Hiriart M. Expression of nerve growth factor in human pancreatic beta cells. *Growth Factors* 2003 Sep-Dec;21(3-4):103-7.
 9. **Mery CM**, Pappas AN, Bueno R, Mentzer SJ, Lukanich JM, Sugarbaker DJ, Jaklitsch MT. Relationship between a history of antecedent cancer and the probability of malignancy for a solitary pulmonary nodule. *Chest* 2004 Jun;125(6):2175-81.
 10. **Mery CM**, Pappas AN, Bueno R, Colson YL, Linden P, Sugarbaker DJ, Jaklitsch MT. Similar long-term survival of elderly patients with non-small cell lung cancer treated with lobectomy or wedge resection within the surveillance, epidemiology, and end results database. *Chest* 2005 Jul;128(1):237-45.
 11. **Mery CM**, Pappas AN, Burt BM, Bueno R, Linden PA, Sugarbaker DJ, Jaklitsch MT. Diameter of non-small cell lung cancer correlates with long-term survival: implications for T stage. *Chest* 2005 Nov;128(5):3255-60.
 12. **Mery CM**, Shafi BM, Binyamin G, Morton JM, Gertner M. Profiling surgical staplers: effect of staple height, buttress, and overlap on staple line failure. *Surg Obes Relat Dis* 2008 May-Jun;4(3):416-22.
 13. **Mery CM**, George S, Bertagnolli MM, Raut CP. Secondary sarcomas after radiotherapy for breast cancer: sustained risk and poor survival. *Cancer* 2009 Sept 15;115(18):4055-63.
 14. LaPar DJ, Bhamidipati CM, **Mery CM**, Stukenborg GJ, Jones DR, Schirmer BD, Kron IL, Ailawadi G. Primary payer status affects mortality for major surgical operations. *Ann Surg* 2010 Sep;252(3):544-50.
 15. LaPar DJ, Bhamidipati CM, **Mery CM**, Stukenborg GJ, Lau CL, Kron IL, Ailawadi G. Academic season does not influence cardiac surgical outcomes at US Academic Medical Centers. *J Am Coll Surg* 2011 Jun;212(6):1000-7.
 16. Burt BM, Ocejo S, **Mery CM**, Dasilva M, Bueno R, Sugarbaker DJ, Jaklitsch MT. Repeated and aggressive pulmonary resections for leiomyosarcomas metastases extends survival. *Ann Thorac Surg* 2011 Oct;92(4):1202-7.
 17. **Mery CM**, LaPar DJ, Seckeler MD, Chamberlain RS, Gangemi JJ, Kron IL, Peeler BB. Pulmonary artery and conduit reintervention rates in patients after Norwood using a right ventricle to pulmonary artery conduit. *Ann Thorac Surg* 2011 Oct;92(4):1483-9.
 18. Sarkaria IS, Carr SR, MacIver RH, Whitson BA, Joyce DL, Stulak J, **Mery CM**, Guitron J, Singh RR, Mettler B, Turek JW. The 2010 Thoracic Surgery Residents Association workforce survey report: a view from the trenches. *Ann Thorac Surg* 2011 Dec;92(6):2062-70.

19. LaPar DJ, **Mery CM**, Kozower BD, Kern JA, Kron IL, Stukenborg GJ, Ailawadi G. The effect of surgeon volume on mortality for off-pump coronary artery bypass grafting. *J Thorac Cardiovasc Surg* 2012 Apr;143(4):854-63.
20. LaPar DJ, **Mery CM**, Peeler BB, Kron IL, Gangemi JJ. Short and long-term outcomes for bidirectional Glenn procedure performed with and without cardiopulmonary bypass. *Ann Thorac Surg* 2012 Jul;94(1):164-71.
21. Morgan EA, Kozono DE, Wang Q, **Mery CM**, Butrynski JE, Baldini EH, George S, Nascimento AF, Raut CP. Cutaneous radiation-associated angiosarcoma of the breast: poor prognosis in a rare secondary malignancy. *Ann Surg Oncol* 2012 Nov;19(12):3801-8.
22. Khan MS, **Mery CM**, Zafar F, Adachi I, Heinle JS, Cabrera AG, Fraser CD, Morales DL. Is mechanically bridging patients with a failing cardiac graft to retransplantation an effective therapy? Analysis of the United Network of Organ Sharing database. *J Heart Lung Transplant* 2012 Nov;31(11):1192-98.
23. Seckeler MD, **Mery CM**, Gangemi JJ, Peeler BB, Jayakumar KA. An angiographic predictor of pulmonary stenosis after the Norwood-Sano operation for hypoplastic left heart syndrome. *Pediatr Cardiol* 2012 Dec; 33:1281-7.
24. Poynter JA, Williams WG, McIntyre S, Brothers JA, Jacobs ML. Congenital Heart Surgeons' Society AAOCA Working Group. Anomalous aortic origin of a coronary artery: a report from the Congenital Heart Surgeons' Society Registry. *World J Pediatr Congenit Heart Surg* 2014 Jan;5(1):22-30.
25. **Mery CM**, Moffett BS, Khan MS, Zhang W, Guzman-Pruneda FA, Fraser CD, Cabrera AG. Incidence and treatment of chylothorax after cardiac surgery in children: analysis of a large multi-institution database. *J Thorac Cardiovasc Surg* 2014 Feb;147(2):678-86.
26. **Mery CM**, Khan MS, Guzman-Pruneda FA, Verm R, Umakanthan R, Watrin CH, Adachi I, Heinle JS, McKenzie ED, Fraser CD. Contemporary results of surgical repair of recurrent aortic arch obstruction. *Ann Thorac Surg* 2014 Jul;98(1):133-40.
27. **Mery CM**, Guzman-Pruneda FA, Carberry KE, Watrin CH, McChesney GR, Chan JG, Adachi I, Heinle JS, McKenzie ED, Fraser CD. Aortic arch advancement for aortic coarctation and hypoplastic aortic arch in neonates and infants. *Ann Thorac Surg* 2014 Aug;98(2):625-33.
28. Poynter JA, Bondarenko I, Austin EH, DeCampi WM, Jacobs JP, Ziemer G, Kirshbom PM, Tchervenkov CI, Karamlou T, Blackstone EH, Walters HL III, Gaynor JW, **Mery CM**, Pearl JM, Brothers JA, Caldarone CA, Williams WG, Jacobs ML, Mavroudis C, Congenital Heart Surgeon's Society AAOCA Working Group. Repair of anomalous aortic origin of a coronary artery in 113 patients: a Congenital Heart Surgeons' Society report. *World J Pediatr Congenit Heart Surg* 2014 Oct;5(4):507-14.
29. **Mery CM**, Molina KM, Krishnamurthy R, Fraser CD, Justino H. Pulmonary artery resuscitation for isolated ductal origin of a pulmonary artery. *J Thorac Cardiovasc Surg*. 2014 Nov;148(5):2235-44.

30. Adachi I, Khan MS, Guzmán-Pruneda FA, Fraser CD III, **Mery CM**, Denfield SW, Dreyer WJ, Morales DL, McKenzie ED, Heinle JS, Fraser CD. Evolution and impact of ventricular assist device program on children awaiting heart transplantation. *Ann Thorac Surg* 2015 Feb;99(2):635-40.
31. Cabrera AG, Chen DW, Pignatelli RH, Khan MS, Jeewa A, **Mery CM**, McKenzie ED, Fraser CD. Outcomes of anomalous left coronary artery from pulmonary artery repair: Beyond normal function. *Ann Thorac Surg* 2015 Apr;99(4):1342-7.
32. **Mery CM**, Guzman-Pruneda FA, Trost JG Jr, McLaughlin E, Smith BM, Parekh DR, Adachi I, Heinle JS, McKenzie ED, Fraser CD. Contemporary results of aortic coarctation repair through left thoracotomy. *Ann Thorac Surg* 2015 Sept;100(3):1039-46.
33. Stephens EH, Odell D, Stein W, LaPar DJ, DeNino WF, Aftab M, Berfield K, Eilers AL, Groth S, Lazar JF, Robich MP, Shah AA, Smith DA, Stock C, Tchantchaleishvili V, **Mery CM**, Turek JW, Salazar J, Nguyen TC. A decade of change: Training and career paths of cardiothoracic surgery residents 2003-2014. *Ann Thorac Surg* 2015 Oct;100(4):1305-13.
34. Guzman-Pruneda FA, Orr Y, Trost JG Jr, Zhang W, Das S, **Mery CM**, Adachi I, Nugent M, Maddox J, Schechter MG, Mallory GB, Morales DL, Heinle JS, McKenzie ED. Bronchial artery revascularization and en bloc lung transplant in children. *J Heart Lung Transplant* 2016 Jan;35(1):122-9.
35. **Mery CM**, Guzman-Pruneda FA, DeLeon LE, Zhang W, Terwelp MD, Bocchini CE, Adachi I, Heinle JS, McKenzie ED, Fraser CD. Risk factors for development of endocarditis and reintervention in patients undergoing right ventricle to pulmonary artery valved conduit placement. *J Thorac Cardiovasc Surg* 2016 Feb;151(2):432-41.
36. McKenzie ED, Roeser ME, Thompson JL, DeLeon LE, Adachi I, Heinle JS, **Mery CM**, Fraser CD. Descending aortic translocation for relief of distal tracheal and proximal bronchial compression. *Ann Thorac Surg* 2016 Sep; 102:859-62.
37. **Mery CM**, Lopez KN, Molossi S, Sexson-Tejtel SK, Krishnamurthy R, McKenzie ED, Fraser CD, Cantor SB. Decision analysis to define the optimal management of athletes with anomalous aortic origin of a coronary artery. *J Thorac Cardiovasc Surg* 2016 Nov;152(5):1366-1375.
38. **Mery CM**, Nieto RM, DeLeon LE, Zhang W, Colquitt JL, Adachi I, Kane LC, Heinle JS, McKenzie ED, Fraser CD. The role of echocardiography and intracardiac exploration in the evaluation of candidacy for biventricular repair in patients with borderline left heart structures. *Ann Thorac Surg* 2017 Mar;103(3):853-861.
39. Nathan M, Jacobs ML, Gaynor JW, Newburger JW, Dunbar Masterson C, Lambert LM, Hollenbeck-Pringle D, Trachtenberg FL, White O, Anderson BR, Bell MC, Burch PT, Graham EM, Kaltman JR, Kanter KR, **Mery CM**, Pizarro C, Schamberger MS, Taylor MD, Jacobs JP, Pasquali SK, Pediatric Heart Network Investigators. Completeness and accuracy of local clinical registry data for children undergoing heart surgery. *Ann Thorac Surg* 2017 Feb;103(2):629-636.

40. Agrawal H, Molossi S, Alam M, Sexson-Tejtel SK, **Mery CM**, McKenzie ED, Fraser CD, Qureshi AM. Anomalous coronary arteries, and myocardial bridges: risk stratification in children using novel cardiac catheterization techniques. *Pediatr Cardiol* 2017 Mar;38(3):624-630.
41. DeLeon LE, **Mery CM**, Verm RA, Trujillo-Diaz D, Patro A, Guzman-Pruneda FA, Adachi I, Heinle JS, Kane LC, McKenzie ED, Fraser CD. Mid-term outcomes in patients with congenitally corrected transposition of the great arteries: a single center experience. *J Am Coll Surg* 2017 Apr;224(4):707-715.
42. Agrawal H, **Mery CM**, Day PE, Sexon Tejtel SK, McKenzie ED, Fraser CD, Qureshi AM, Molossi S. Current practices are variable in evaluation and management of patients with anomalous aortic origin of a coronary artery: Results of a survey. *Congenit Heart Dis* 2017 Sep 12(5):610-614.
43. **Mery CM**, DeLeon LE, Rodriguez JR, Nieto RM, Zhang W, Adachi I, Heinle JS, Kane LC, McKenzie ED, Fraser CD. Effect of gastrointestinal malformations on the outcomes of patients with congenital heart disease. *Ann Thorac Surg* 2017 Nov;104(5):1590-1596.
44. Agrawal H, Wright OK, Carberry KE, Sexson-Tejtel SK, **Mery CM**, Molossi S. Family perception of unmet support needs following a diagnosis of congenital coronary anomaly in children: Results of a survey. *Congenit Heart Dis* 2017 Dec;12(6):721-725.
45. **Mery CM**, DeLeon LE, Molossi S, Sexson-Tejtel SK, Agrawal H, Krishnamurthy R, Masand P, Qureshi AM, McKenzie ED, Fraser CD. Outcomes of surgical intervention for anomalous aortic origin of a coronary artery: a large contemporary prospective cohort study. *J Thorac Cardiovasc Surg* 2018 Jan;155(1):305-319.
46. Olive MK, **Mery CM**, Wallace AS, Hill KD, Jacobs JP, Austin EH, Pasquali SK, Jacobs ML, Heinle JS, Penny DJ. Infants With 22q11.2 Deletion Syndrome Undergoing Repair of Tetralogy of Fallot, Interrupted Aortic Arch, and Truncus Arteriosus have Longer Hospitalizations and Increased Rates of Infection. *American Heart Association* 2018 March; *Circulation* 2016;134.
47. Puri K, Morris SA, **Mery CM**, Wang Y, Moffett BS, Heinle JS, Rodriguez JR, Shekerdemian LS, Cabrera AG. Characteristics and outcomes of children with ductal-dependent congenital heart disease and esophageal atresia/tracheoesophageal fistula: a multi-institutional analysis. *Surgery* 2018 Apr;163(4):847-53.
48. **Mery CM**, Guzmán-Pruneda FA, De León LE, Zhang W, Kuo FH, Carpenter KL, Stringer LD, Adachi I, Heinle JS, McKenzie ED, Fraser CD, Hanson DS. Risk factors for development and progression of scoliosis after pediatric cardiothoracic surgery. *Ann Thorac Surg* 2018 Jun;105(6):1835-41.
49. Beckerman Z, DeLeon LE, Zea-Vera R, **Mery CM**, Fraser CD. High incidence of late infective endocarditis in bovine jugular vein valved conduits. *J Thorac Cardiovasc Surg* 2018 Aug;156(2):728-734.
50. Agrawal H, **Mery CM**, Sexson Tejtel SK, Fraser CD, McKenzie ED, Qureshi AM, Molossi S. Familial clustering of cardiac conditions in patients with anomalous aortic

- origin of coronary arteries and myocardial bridges. *Cardiol Young* 2018 Sep;28(9):1099-1105.
51. Chacon-Portillo MA, Zea-Vera R, Zhu H, Dickerson HA, Adachi I, Heinle JS, Fraser CD, **Mery CM**. Pulsatile Glenn as long-term palliation for single ventricle physiology patients. *Congenit Heart Dis* 2018 Nov;13(6):927-934.
 52. **Mery CM**, Zea-Vera R, Chacon-Portillo MA, Zhu H, Kyle WB, Adachi I, Heinle JS, Fraser CD. Contemporary outcomes after repair of isolated and complex complete atrioventricular septal defect. *Ann Thorac Surg* 2018 Nov;106(5):1429-1437.
 53. Fraser CD, Chacon-Portillo MA, Zea-Vera R, John R, Elias BA, Heinle JS, **Mery CM**, Tunuguntla HP, Cabrera AG, Price JF, Denfield SW, Dreyer WJ, Qureshi AM, Adachi I. Ventricular assist device support: single pediatric institution experience over two decades. *Ann Thorac Surg* 2019;107:829-836.
 54. Palacios-Macedo A, **Mery CM**, Cabrera AG, Bastero P, Tamariz-Cruz O, Díliz-Nava H, García-Benítez L, Pérez-Juárez F, Araujo-Martínez A, Mier-Martínez M, March A, Castañuela V, Fraser CD. A novel private-public hybrid model for treatment of congenital heart disease in Mexico. *World J Pediatr Congenit Heart Surg* 2019;10:206-213.
 55. **Mery CM**, Zea-Vera R, Chacon-Portillo MA, Zhang W, Binder MS, Kyle WB, Adachi I, Heinle JS, Fraser CD. Contemporary results after repair of partial and transitional atrioventricular septal defects. *J Thorac Cardiovasc Surg* 2019;157:1117-1127.
 56. Flores S, Loomba RS, Elhoff JJ, Bronicki RA, **Mery CM**, Alsaied T, Alahdab F. Peritoneal dialysis versus diuretics in children after congenital heart surgery. *Ann Thorac Surg* 2019 Sep;108(3): 806-812.
 57. Jegatheeswaran A, Devlin PJ, McCrindle BW, Williams WG, Jacobs ML, Blackstone EH, DeCampi WM, Caldarone CA, Gaynor JW, Kirklin JK, Lorber RO, **Mery CM**, St Louis JD, Molossi S, Brothers JA. Features associated with myocardial ischemia in anomalous aortic origin of a coronary artery: A congenital heart surgeons' society study. *J Thorac Cardiovasc Surg* 2019 Sep;158(3):822-834.e3.
 58. Pasquali SK, Kaltman JR, Gaynor JW, McCrindle B, Newburger JW, Anderson BR, Cheurer M, Pinto NM, Anderson J, Oster M, Jacobs J, Marino B, **Mery CM**, Pearson GD. Enhancing efficiency and scientific impact of a clinical trials network: the Pediatric Heart Network Integrated Cardiac Data and Outcomes (iCARD) Collaborative. *Cardiol Young* 2019 Sep;29(9):1121-1126.
 59. **Mery CM**, De León LE, Trujillo-Diaz D, Ocampo EC, Dickerson HA, Zhu H, Adachi I, Heinle JS, Fraser CD, Ermis PR. Contemporary outcomes of the Fontan operation: a large single-institution cohort. *Ann Thorac Surg* 2019 Nov;108(5):1439-1446.
 60. Castellanos DA, Ocampo EC, Gooden A, Wang Y, Qureshi AM, Heinle JS, **Mery CM**, Hill GD, Ghanayem NS. Outcomes associated with unplanned interstage cardiac interventions following Norwood palliation. *Ann Thorac Surg* 2019 Nov;108(5):1423-1429.

61. Binsalamah ZM, Spigel ZA, Zhu H, Kim MB, Chacon-Portillo MA, Adachi I, Imamura M, **Mery CM**, McKenzie ED, Fraser CD, Heinle JS. Reoperation after isolated subaortic membrane resection. *Cardiol Young* 2019 Nov;29(11):1391-1396.
62. Binsalamah ZM, Ibarra C, John R, Spigel Z, Zhu H, Zea-Vera R, Adachi I, Imamura M, Heinle JS, McKenzie ED, Fraser CD, **Mery CM**. Contemporary mid-term outcomes in pediatric patients undergoing vascular ring repair. *Ann Thorac Surg* 2020 Feb;109(2):566-572.
63. Molossi S, Agrawal H, **Mery CM**, Krishnamurthy R, Masand P, Sexson Tejtet SK, Noel CV, Qureshi AM, Jadhav SP, McKenzie ED, Fraser CD. Outcomes in Anomalous Aortic Origin of a Coronary Artery Following a Prospective Standardized Approach. *Circ Cardiovasc Interv* 2020 Feb;13(2):e008445.
64. Doan TT, Zea-Vera R, Agrawal H, **Mery CM**, Masand P, Reaves-O'Neal DL, Noel CV, Qureshi AM, Sexson-Tejtet SK, Fraser CD, Molossi S. Myocardial Ischemia in Children with Anomalous Aortic Origin of a Coronary Artery with Intraseptal Course. *Circ Cardiovasc Interv* 2020 Mar;13(3).
65. Spigel Z, Qureshi AM, Morris SA, **Mery CM**, Sexson-Tejtet SK, Zea-Vera R, Binsalamah Z, Imamura M, Heinle J, Adachi I. Right ventricle dependent coronary circulation: location of obstruction is associated with survival. *Ann Thorac Surg* 2020 May;109(5):1480-1487.
66. Doan TT, Wilkinson JC, Agrawal H, Molossi S, Alam M, **Mery CM**, Qureshi AM. Instantaneous Wave-Free Ratio (iFR) Correlates with Fractional Flow Reserve (FFR) Assessment of Coronary Artery Stenoses and Myocardial Bridges in Children. *J Invasive Cardiol* 2020 May;32(5):176-179.
67. Anderson BR, Gotlieb EG, Hill K, McHugh KE, Scheurer MA, **Mery CM**, Pelletier GJ, Kaltman JR, White OJ, Trachtenberg FL, Hollenbeck-Pringle D, McCrindle BW, Sylvester DM, Eckhauser AW, Pasquali SK, Anderson JB, Schamberger MS, Shashidharan S, Jacobs JP, Jacobs ML, Boskovski M, Newburger JW, Nathan M; Pediatric Heart Network. Registry-based trials: a potential model for cost savings? *Cardiol Young* 2020 Jun;30(6):807-817.
68. Nathan M, Trachtenberg FL, Van Rompay MI, Gaynor W, Kanter K, Ohye R, Bacha EA, Tweddell J, Schwartz SM, Minich LL, **Mery CM**, Colan SD, Levine J, Lambert L, Newburger JW. The pediatric heart network residual lesion score study: design and objectives. *J Thorac Cardiovasc Surg* 2020 Jul;160(1):218-223.
69. Fraser CD, Chacon-Portillo MA, Well A, Zea-Vera R, Binsalamah Z, Adachi I, **Mery CM**, Heinle JS. Twenty-three-year experience with the arterial switch operation: expectations and long-term outcomes. *Semin Thorac Cardiovasc Surg* 2020 Summer;32(2):292-299.
70. Jegatheeswaran A, Devlin PJ, Williams WG, Brothers JA, Jacobs ML, DeCampi WM, Fleishman CE, Kirklin JK, Mertens L, **Mery CM**, Molossi S, Caldarone CA, Aghaei N, Lorber RO, McCrindle BW. Outcomes after anomalous aortic origin of a coronary artery repair: A Congenital Heart Surgeons' Society Study. *J Thorac Cardiovasc Surg* 2020 Sep;160(3):757-771.

71. Chacon-Portillo MA, Mossad EB, Zea-Vera R, Beckerman Z, Binsalamah Z, Adachi I, **Mery CM**, Imamura M, Heinle JS, Fraser CD. Sickle cell-related complications in patients undergoing cardiopulmonary bypass. *World J Pediatr Congenit Heart Surg* 2020 Sep;11(5):565-571.
72. Hatoum H, Krishnamurthy R, Parthasarathy J, Flemister DC, Krull CM, Walter BA, **Mery CM**, Molossi S, Dasi LP. Flow dynamics in anomalous aortic origin of a coronary artery in children: importance of the intramural segment. *Semin Thorac Cardiovasc Surg* 2020 Nov 23:S1043-0679(20)30422-6.
73. Dhillon GS, Ghanayem NS, Broda CR, Lalani SR, **Mery CM**, Shekerdemian LS, Staffa SJ, Morris SA. An analysis of hospital mortality after cardiac operations in children with down syndrome. *Semin Thorac Cardiovasc Surg* 2020 Winter;32(4):947-957; 32(4):947-957.
74. Agrawal H, Wilkinson JC, Noel CV, Qureshi AM, Masand PM, **Mery CM**, Sexson-Tejtel SK, Molossi S. Impaired myocardial perfusion on stress CMR correlates with invasive FFR in children with coronary anomalies. *J Invasive Cardiol* 2021 Jan;33(1):E45-E51.
75. Zink J, Spigel ZA, Ibarra C, Gottlieb EA, Adachi I, **Mery CM**, Imamura M, Heinle JS, McKenzie ED, Fraser CD, Binsalamah ZM. The intraoperative use of recombinant activated factor VII in arterial switch operations. *Cardiol Young* 2021 Mar;31(3):386-390.
76. Agrawal H, **Mery CM**, Sami SA, Qureshi AM, Noel CV, Cutitta K, Masand P, Sexson Tejtel SK, Wang Y, Molossi S. Decreased quality of life in children with anomalous aortic origin of a coronary artery. *World J Pediatr Congenit Heart Surg* 2021 Mar;12(2):204-210.
77. Jacobs ML, Jacobs JP, Thibault D, Hill KD, Anderson BR, Eghtesady P, Karamlou T, Kumar SR, Mayer JE, **Mery CM**, Nathan M, Overman DM, Pasquali SK, St Louis JD, Shahian D, O'Brien SM. Updating an empirically based tool for analyzing congenital heart surgery mortality. *World J Pediatr Congenit Heart Surg* 2021 Mar;12(2):246-281.
78. Goldstein BH, Qureshi AM, Meadows JJ, Nicholson GT, Bauser-Heaton H, Petit CJ, Pater C, Kelleman MS, Morales DLS, **Mery CM**, Shashidharan S, Mascio CE, Mozumdar N, Aggarwal V, Agrawal H, Ligon RA, Christensen J, McCracken CE, Glatz AC. Impact of treatment strategy on outcomes in isolated pulmonary artery of ductal origin. *Pediatr Cardiol* 2021 Mar;42(3):533-542.
79. Parthasarathy J, Hatoum H, Flemister DC, Krull CM, Walter BA, Zhang W, **Mery CM**, Molossi S, Jadhav S, Dasi LP, Krishnamurthy R. Assessment of transfer of morphological characteristics of anomalous aortic origin of a coronary artery from imaging to patient specific 3D printed models: A feasibility study. *Comput Methods Programs Biomed.* 2021 Apr;201:105947.
80. Nathan M, Levine JC, Van Rompay MI, Lambert LM, Trachtenberg FL, Colan SD, Adachi I, Anderson BR, Bacha EA, Eckhauser A, Gaynor JW, Graham EM, Goot B, Jacobs JP, John R, Kaltman JR, Kanter KR, **Mery CM**, Minich L, Ohye R, Overman

- D, Pizarro C, Raghuvveer G, Schamberger MS, Schwartz SM, Narasimhan SL, Taylor MD, Wang K, Newburger JW; Pediatric Heart Network Investigators. Impact of major residual lesions on outcomes after surgery for congenital heart disease. *J Am Coll Cardiol* 2021 May 18;77(19):2382-2394.
81. Well A, Mizrahi M, Johnson G, Patt H, Fraser CD, **Mery CM**, Beckerman Z. Trends in adult congenital heart disease hospitalization in Texas over the past decade. *Int J Cardiol Congenit Heart Dis* 2021 May;100098.
 82. Krishnamurthy R, Masand PM, Jadhav SP, Molossi S, Zhang W, Agrawal HM, **Mery CM**. Accuracy of computed tomography angiography and structured reporting of high-risk morphology in anomalous aortic origin of coronary artery: comparison with surgery. *Pediatr Radiol* 2021 Jul;51(8):1299-1310.
 83. Berry AE, Ghanayem NS, Guffey D, Anderson M, Heinle JS, **Mery CM**, Watrin CH, Elhoff JJ. Variables prevalent among early unplanned readmissions in infants following congenital heart surgery. *Pediatr Cardiol* 2021 Aug;42(6):1449-1456.
 84. Bonilla-Ramirez C, Molossi S, Sachdeva S, Reaves-O'Neal D, Masand P, **Mery CM**, Caldarone CA, McKenzie ED, Binsalamah ZM. Outcomes in anomalous aortic origin of a coronary artery after surgical reimplantation. *J Thorac Cardiovasc Surg* 2021 Oct;162(4):1191-1199.
 85. Well A, Mizrahi M, Johnson G, Patt H, Fraser CD, **Mery CM**, Beckerman Z. Aortic dissection and ruptures in adult congenital heart disease in Texas from 2009 to 2019. *Eur J Cardiothorac Surg* 2022 Jan;61(2):309-317.
 86. Mercado AE, Well A, Lamari-Fisher A, Mizrahi M, Johnson G, Patt H, Fraser CD, **Mery CM**, Beckerman Z. Mental health diagnoses in hospitalized adults with congenital heart disease in the State of Texas: A 10-year review. *Int J Cardiol Congenit Heart Dis* 2022 Mar;7:100340.
 87. Stromberg D, Carvalho K, Marsden A, **Mery CM**, Immanuel C, Mizrahi M, Yang W. Standard CPR versus interposed abdominal compression CPR in shunted single ventricle patients: comparison using a lumped parameter mathematical model. *Cardiol Young* 2022 Jul;32(7):1122-1128.
 88. Qasim A, Doan TT, Pham TD, Reaves-O'Neal D, Sachdeva S, **Mery CM**, Binsalamah Z, Molossi S. Is exercise stress testing useful for risk stratification in anomalous aortic origin of a coronary artery? *Semin Thorac Cardiovasc Surg* 2022 Aug 28:S1043-0679(22)00208-8.
 89. Well A, Mizrahi M, Johnson G, Patt H, Fraser CD, **Mery CM**, Beckerman Z. Bicuspid aortic valve interventions in Texas-2009-2019. *AME Surg J* 2022 Dec;2:33.
 90. Williams SB, Pham TDN, Doan TT, Reaves-O'Neal D, Bonilla-Ramirez C, Binsalamah ZM, **Mery CM**, Caldarone CA, Molossi S. Pattern, behavior, and clinical implications of electrocardiographic changes in patients undergoing repair of anomalous aortic origin of coronary arteries. *J Thorac Cardiovasc Surg* 2022;164(3):742-749.

91. Well A, Fenrich A, Shmorhun D, Stromberg D, Lavinghousez P, Beckerman Z, Fraser CD, **Mery CM**. Arrhythmias requiring ECMO in infants without structural congenital heart disease. *Pediatr Cardiol* 2022;43(4):914-921.
92. **Mery CM**, Well A, Taylor K, Carberry K, Colucci J, Zeiner A, Mizrahi M, Stewart E, Dillingham C, Cook T, Hartounian A, McCullum EM, Affolter JT, Van Diest H, Lamari-Fisher A, Chang S, Wallace S, Teisberg E, Fraser CD. Examining the real-life journey of individuals and families affected by single-ventricle congenital heart disease. *J Am Heart Assoc*. 2023; 12(5): e027556.
93. Mikulski MF, Well A, Subramanian S, Colman K, Fraser CD, **Mery CM**, Lion RP. Pericardial effusions after the arterial switch operation: A PHIS database review. *World J Pediatr Congenit Heart Surg*. 2023 Mar;14(2):148-154.
94. Doan TT, Sachdeva S, Bonilla-Ramirez C, Reaves-O'Neal DL, Masand P, **Mery CM**, Binsalamah Z, Heinle JH, Molossi S. Ischemia in anomalous aortic origin of a right coronary artery: large pediatric cohort medium-term outcomes. *Circ Cardiovasc Interv* 2023 Apr;16(4):e012631.
95. Doan TT, Sachdeva S, Bonilla-Ramirez C, Reaves-O'Neal D, Masand P, Krishnamurthy R, Jadhav S, **Mery CM**, Binsalamah Z, Molossi S. Anomalous aortic origin of coronary arteries in children: Postoperative high-risk anatomic features. *Ann Thorac Surg* 2023 Apr;115(4):991-998.
96. Doan TT, Wilkes JK, Reaves O'Neal DL, Bonilla-Ramirez C, Sachdeva S, Masand P, **Mery CM**, Binsalamah Z, Heinle JS, Molossi S. Clinical presentation and medium-term outcomes of children with anomalous aortic origin of the left coronary artery: high-risk features beyond interarterial course. *Circ Cardiovasc Interv*. 2023 May;16(5).
97. Mikulski MF, Well A, **Mery CM**, Johnson G, Gottlieb EA, Fraser CD, Beckerman Z. Outcomes of thoracic aortic interventions in Marfan syndrome in the state of Texas over 11 years. *Interdiscip Cardiovasc Thorac Surg*. 2023 Aug 3;37(2):ivad128.
98. Mikulski MF, Well A, Shmorhun D, Fraser CD Jr, **Mery CM**, Fenrich AL Jr. Pacemaker Management and In-Hospital Outcomes in Neonatal Congenital Atrioventricular Block. *JACC Clin Electrophysiol* 2023 Sep;9(9):1977-1986.
99. Well A, Lamari-Fisher A, Taylor K, Ulack C, Lee R, Affolter JT, Colucci J, Van Diest H, Carberry K, Johnson G, Fraser CD, **Mery CM**; University of Texas at Austin CORAGE Initiative. Experiences and insights from partners of individuals with single-ventricle CHD: A pilot qualitative research study. *Cardiol Young* 2023 Oct;33(10):2016-2020.
100. Well A, Dawson C, Johnson G, Patt H, Fraser CD, **Mery CM**, Beckerman Z. Hospitalisations of children and adults with hypoplastic left heart syndrome in Texas from 2009 to 2019. *Cardiol Young*. 2023 Oct;33(10):1819-1827.
101. Mizrahi M, Well A, Gottlieb EA, Stewart E, Lucke A, Fraser CD, **Mery CM**, Beckerman Z. Trisomy 18: disparities of care and outcomes in the State of Texas between 2009 and 2019. *Cardiol Young*. 2023 Nov;33(11):2328-2333.

102. Fraser CD, Mikulski MF, Venardos NM, **Mery CM**, Well A. The journey of becoming a congenital heart surgeon: Too long, too costly, too unpredictable. *J Thorac Cardiovasc Surg* 2024;167(1):312-321.
103. Dawson-Gore CC, Well A, Wallace S, Teisberg E, Born C, Carberry K, Gottlieb E, Holt DB, Fraser CD Jr, **Mery CM**. Evaluating variation in pre-operative evaluation and planning for children undergoing atrial or ventricular septal defect repair. *Cardiol Young*. 2024 Jan;34(1):164-170.
104. Mikulski MF, Linero A, Stromberg D, Affolter JT, Fraser CD, **Mery CM**, Lion RP. Analysis of haemodynamics surrounding blood transfusions after the arterial switch operation: a pilot study utilising real-time telemetry high-frequency data capture. *Cardiol Young*. 2024 Mar 7:1-8.
105. Mikulski MF, Well A, Shmorhun D, **Mery CM**, Fenrich AL, Fraser CD. Impact of electrophysiologists at daily multidisciplinary report in a paediatric cardiac care unit. *Cardiol Young*. 2024 Apr 5:1-7.
106. Mikulski MF, Iyer S, Well A, **Mery CM**, Owens WR, Glass LD, Castleberry CD, Fraser CD. Successful explantation of children from the Berlin Heart EXCOR® ventricular assist device: A systematic review. *Artif Organs* 2024 May;48(5):444-455.
107. Howsmon DP, Mikulski MF, Kabra N, Northrup J, Stromberg D, Fraser CD, **Mery CM**, Lion, R. Statistical process monitoring creates a hemodynamic trajectory map after pediatric cardiac surgery: A case study of the arterial switch operation. *Bioeng Transl Med* 2024; e10679.
108. O'Connor M, Well A, Fenrich A, Venardos NM, Shmorhun D, **Mery CM**, Fraser CD Jr. Incidence and Outcomes of Iatrogenic Complete Atrioventricular Block After Congenital Heart Surgery. *Ann Thorac Surg*. 2024 Sep 12:S0003-4975(24)00766-5. doi: 10.1016/j.athoracsur.2024.09.002. Epub ahead of print. PMID: 39277160.
109. O'Connor M, Well A, Morgan J, Liu MY, Josephs MD, Venardos NM, Fraser CD, **Mery CM**. Management and outcomes of acute appendicitis in children with congenital heart disease. *Pediatr Surg Int*. 2024 Oct 24;40(1):273. doi: 10.1007/s00383-024-05864-0. PMID: 39448395.
110. Sachdev HS, Well A, Attra J, **Mery CM**, Fraser CD, Venardos N. Multidisciplinary surgical care for a cervical esophageal duplication cyst. *World J Pediatr Congenit Heart Surg*. 2024 Nov 14:21501351241294234. doi: 10.1177/21501351241294234. Epub ahead of print. PMID: 39540261.
111. Hoyos ME, Well A, Van Diest H, Lopez H, Morris M, Carberry KE, Johnson G, Fraser CD Jr, **Mery CM**, Lamari-Fisher A. Navigating life with single-ventricle CHD: psychosocial needs across adulthood. *Cardiol Young*. 2024 Nov;34(11):2341-2348. doi: 10.1017/S1047951124036084. Epub 2024 Nov 18. PMID: 39552548.
112. Stauber CE, Well A, Dawson-Gore C, Mizrahi M, Fraser CD Jr, **Mery CM**, Stromberg D. Aspirin nonresponsiveness in congenital heart disease-prevalence, risk factors, and management. *World J Pediatr Congenit Heart Surg*. 2024 Dec 5:21501351241293721. doi: 10.1177/21501351241293721. Epub ahead of print. PMID: 39639629.

113. Geva T, Wald RM, Bucholz E, Cnota JF, McElhinney DB, Mercer-Rosa LM, **Mery CM**, Miles AL, Moore J; American Heart Association Council on Lifelong Congenital Heart Disease and Heart Health in the Young; Council on Cardiovascular Surgery and Anesthesia; Council on Clinical Cardiology; and Council on Cardiovascular and Stroke Nursing. Long-Term Management of Right Ventricular Outflow Tract Dysfunction in Repaired Tetralogy of Fallot: A Scientific Statement From the American Heart Association. *Circulation*. 2024 Dec 17;150(25):e689-e707. doi: 10.1161/CIR.0000000000001291. Epub 2024 Nov 21. PMID: 39569497.
114. **Mery CM**, Beckerman Z. What is the Optimal Surgical Technique for Anomalous Aortic Origin of a Coronary Artery? *Semin Thorac Cardiovasc Surg Pediatr Card Surg Annu*. 2025;28:94-100. doi: 10.1053/j.pcsu.2025.02.006. Epub 2025 Feb 15. PMID: 40382131.
115. Rajab TK, Kalfa DM, **Mery CM**, Emani SM, Reemtsen BL. Indications and practical considerations for partial heart transplantation. *Ann Thorac Surg*. 2025 Mar 17:S0003-4975(25)00203-6. doi: 10.1016/j.athoracsur.2025.01.037. Epub ahead of print. PMID: 40107593.
116. O'Connor M, Well A, Fenrich A, Venardos NM, Shmorhun D, **Mery CM**, Fraser CD Jr. Incidence and Outcomes of Iatrogenic Complete Atrioventricular Block After Congenital Heart Surgery. *Ann Thorac Surg*. 2025 Mar;119(3):586-593. doi: 10.1016/j.athoracsur.2024.09.002. Epub 2024 Sep 12. PMID: 39277160.
117. O'Connor M, Stauber CE, Venardos NM, Fraser CD, **Mery CM**, Well A. The fate of the left atrioventricular valve after atrioventricular septal defect repair: long-term outcomes. *Pediatr Cardiol*. 2025 Apr 10. doi: 10.1007/s00246-025-03860-2. Epub ahead of print. PMID: 40208292.
118. Orr Y, **Mery CM**. Anomalous Aortic Origin of a Coronary Artery: Universal Surgery and Reimplantation Exclusively? *Ann Thorac Surg*. 2025 Jun;119(6):1305-1306. doi: 10.1016/j.athoracsur.2025.04.001. Epub 2025 Apr 9. PMID: 40216349.
119. Hoyos ME, O'Connor M, **Mery CM**, Carberry K, Lamari-Fisher A, Steward E, Dillingham C, Fraser CD, Well A. Prioritising gaps in care in the real-life journey of single ventricle CHD. *Cardiol Young*. 2025 Jul 31:1-10. doi: 10.1017/S1047951125101157. Epub ahead of print. PMID: 40739888.
120. Hoyos ME, Well A, O'Connor M, Van Diest H, Lopez H, **Mery CM**, Fraser CD Jr, Lamari-Fisher A. Psychosocial screening and interventions in congenital heart surgery: optimising patient and family outcomes. *Cardiol Young*. 2025 Jul;35(7):1436-1442. doi: 10.1017/S1047951125101066. Epub 2025 Aug 7. PMID: 40771111.
121. O'Connor M, Adler JT, Hoyos ME, Taylor MD, Venardos NM, **Mery CM**, Fraser CD Jr, Well A. Kidney Transplantation in Congenital Heart Disease Patients: What Are the Outcomes? *Pediatr Transplant*. 2025 Aug;29(5):e70117. doi: 10.1111/ptr.70117. PMID: 40485645; PMCID: PMC12147195.
122. O'Connor M, Adler JT, Venardos NM, Ponce-Rivera MS, Fraser CD, **Mery CM**, Well A. Outcomes of Liver Transplantation in Patients With Congenital Heart Disease and

- Biliary Atresia. A Multicenter Analysis. *Pediatr Transplant*. 2025 Aug;29(5):e70110. doi: 10.1111/petr.70110. PMID: 40448280; PMCID: PMC12125496.
123. O'Connor M, **Mery CM**, Venardos NM, Affolter J, Fraser C, Well A. Incidence and Outcomes of Pericardial Effusion After Congenital Heart Surgery. *World J Pediatr Congenit Heart Surg*. 2025 Sep 9:21501351251322876. doi: 10.1177/21501351251322876. Epub ahead of print. PMID: 40924651.
 124. Rajab TK, Kalfa DM, **Mery CM**, Emani SM, Reemtsen BL. Indications and Practical Considerations for Partial Heart Transplantation. *Ann Thorac Surg*. 2025 Oct;120(4):620-630. doi: 10.1016/j.athoracsur.2025.01.037. Epub 2025 Mar 17. PMID: 40107593; PMCID: PMC12353684.
 125. O'Connor M, Hoyos ME, Stauber CE, Martinez HR, Venardos NM, **Mery CM**, Fraser CD Jr, Well A. The Fate of the Truncal Valve: Multi-Institutional Insights Into Reintervention After Truncus Arteriosus Repair. *Ann Thorac Surg*. 2025 Oct;120(4):739-747. doi: 10.1016/j.athoracsur.2025.05.014. Epub 2025 May 28. PMID: 40446888.

Books

1. **Mery CM**, Turek JW (Editors). *TSRA Review of Cardiothoracic Surgery*. TSRA, Chicago, 2011.
2. Loor G, **Mery CM** (Section Editors). *Congenital Cardiac Surgery*. In: Youssef S, Williams J. *TSRA Primer of Cardiothoracic Surgery*. TSRA, Chicago, 2013.
3. LaPar DJ, **Mery CM**, Turek JW (Editors). *TSRA Review of Cardiothoracic Surgery*, 2nd Edition. TSRA, Chicago, 2016.
4. **Mery CM**, Bastero P, Hall SR, Cabrera AG (Editors). *Texas Children's Hospital Handbook of Congenital Heart Disease*. Texas Children's Hospital, Houston, 2021. Translated into Spanish: *Manual sobre cardiopatías congénitas del Texas Children's Hospital*, Houston, 2022.

Book Chapters

1. **Mery CM**, Robles-Diaz G. [Malabsorption syndrome]. In: Villalobos JJ, Valdovinos J, Schmulson M, Olivera M (eds). [Principles of Gastroenterology]. Mendez Editores, Mexico, 2000.
2. **Mery CM**, Robles-Diaz G. [Ulcerative colitis: I. Generalities and diagnosis]. In: Takahashi T (ed). [Colon, Rectum, and Anus: Medical and Surgical Diseases]. Editores de Textos Mexicanos, Mexico, 2003.
3. Lautz DB, **Mery CM**. Intestinal infarction. In: Johnson LR (ed). *Encyclopedia of Gastroenterology*. Elsevier Science, San Diego, 2003.
4. Jaklitsch MT, Salgia R, **Mery CM**, Burt BM. Surgical resection of pulmonary metastases. In: UpToDate Online (www.uptodate.com). September 17, 2007.
5. Shafi BM, **Mery CM**, Binyamin G, Knight J, Gertner M. Injectable biomaterials in surgery. In: Norton JA, Barie PS, Bollinger RR, Chang AE, Lowry SF, Mulvihill SJ,

- Pass HI, Thompson RW (eds). Surgery: Basic science and clinical evidence. 2nd edition. Springer, New York, 2008.
6. Burt BM, **Mery CM**, Jaklitsch MT. Pulmonary metastasectomy. In: Sugarbaker DJ, Bueno R, Krasna MJ, Mentzer SJ, Zellos L (eds). Adult chest surgery. 1st edition. McGraw Hill, New York, 2009.
 7. **Mery CM**, Reece TB, Kron IL. Aortic dissection. In: Cohn LH (ed). Cardiac surgery in the adult. 4th edition. McGraw Hill, New York, 2011.
 8. **Mery CM**. Other esophageal tumors. In: Mery CM, Turek JW (eds). TSRA Review of Cardiothoracic Surgery. TSRA, Chicago, 2011.
 9. **Mery CM**. Atrial septal defects. In: Mery CM, Turek JW (eds). TSRA Review of Cardiothoracic Surgery. TSRA, Chicago, 2011.
 10. **Mery CM**. Tetralogy of Fallot. In: Mery CM, Turek JW (eds). TSRA Review of Cardiothoracic Surgery. TSRA, Chicago, 2011.
 11. **Mery CM**. Ebstein's anomaly. In: Mery CM, Turek JW (eds). TSRA Review of Cardiothoracic Surgery. TSRA, Chicago, 2011.
 12. Kilic A, **Mery CM**, Kron IL. Mechanical valved conduits. In: Franco KL, Thourani VH (eds). Cardiothoracic Surgery Review. 1st edition. Lippincott Williams & Wilkins, Philadelphia, 2011.
 13. **Mery CM**, Kilic A, Kron IL. Ventricular aneurysms. In: Franco KL, Thourani VH (eds). Cardiothoracic Surgery Review. 1st edition. Lippincott Williams & Wilkins, Philadelphia, 2011.
 14. **Mery CM**. The single ventricle pathway. In: Youssef S, Williams J (eds). TSRA Primer of Cardiothoracic Surgery. TSRA, Chicago, 2013.
 15. **Mery CM**, Gangemi JJ, Kron IL. Anomalies of pulmonary venous return. In: Kaiser LR, Kron IL, Spray TL (eds). Mastery of Cardiothoracic Surgery. 3rd edition. Lippincott Williams & Wilkins, Philadelphia, 2014.
 16. LaPar DJ, **Mery CM**, Gangemi J. Pulmonary valve replacement. In: Kaiser LR, Kron IL, Spray TL (eds). Mastery of Cardiothoracic Surgery. 3rd edition. Lippincott Williams & Wilkins, Philadelphia, 2014.
 17. Aftab M, Salas De Armas IA, **Mery CM**. Aortic coarctation repair with extended end-to-end anastomosis. In: Odell D, Nguyen T (eds). TSRA Operative Dictations in Cardiothoracic Surgery. TSRA, Chicago, 2014.
 18. Aftab M, Salas De Armas IA, **Mery CM**. Modified Blalock-Taussig Shunt (using interposition Gore-Tex tube graft). In: Odell D, Nguyen T (eds). TSRA Operative Dictations in Cardiothoracic Surgery. TSRA, Chicago, 2014.
 19. **Mery CM**, Vasudevan SA. Points of view: The pediatric surgeon. In: Lorin MI, Palazzi DL, Ward MA, Turner TL, Cabrera A (eds). Communicating with Pediatric Patients and Their Families: The Texas Children's Hospital Guide for Physicians, Nurses and Other Health Care Professionals. Texas Children's Hospital, Houston, 2015.

20. **Mery CM**, Fraser CD. Anomalies of coronary arteries and coronary fistulas. In: Moorjani N, Viola N, Calderone C (eds). Key Questions in Congenital Cardiac Surgery. TFM Publishing, Shropshire, 2017.
21. Ghanta RK, **Mery CM**, Kron IL. Aortic dissection. In: Cohn LC, Adams DH (eds). Cardiac Surgery in the Adult. 5th Edition. McGraw-Hill, New York, 2017.
22. Molossi S, **Mery CM**. Congenital coronary anomalies in the young. In: Thompson PD, Fernandez AB (eds). Exercise and Sports Cardiology. 2018.
23. Manrique AM, **Mery CM**, Motta P. [Congenital Heart Surgery]. In: Pérez Ferrer A, Calvo Vecino JM (eds). [Master in Pediatric Anesthesiology]. Editorial Médica Panamericana, Spain, 2019.
24. **Mery CM**, Cass DL, Huddleston CB. Congenital abnormalities of the lung. Pearson's General Thoracic Surgery. STS Cardiothoracic Surgery E-Book. Chicago: Society of Thoracic Surgeons, 2020. <http://ebook.sts.org>
25. May, L, Owens R, **Mery CM**. Mechanical circulatory support in heart failure: extracorporeal membrane oxygenation and ventricular assist devices. In: Kline MW, Orange J, Giardino A, Harris ZL, Rathore M, Cabrera A (eds). Rudolph's Pediatrics. 24th Edition. McGraw-Hill, New York 2024.
26. Mavroudis C, **Mery CM**, Mavroudis CD. Complications associated with repair of congenital and acquired coronary artery anomalies. In: Mavroudis C (ed). Complications in Congenital Heart Surgery, (in press).
27. Brothers J, **Mery CM**. Coronary artery anomalies in children. In: Kaiser LR, Kron IL (eds). Mastery of Cardiothoracic Surgery. 4th Edition. Wolters-Kluwer, 2013.
28. **Mery CM**, Mavroudis C. Congenital anomalies of the coronary arteries. In: Kirklin JK, Blackstone EH, Paganini FD, Tcherveknov CI, Schaff HV (eds). Kirklin/Barratt-Boyes Cardiac Surgery. 5th Edition. Elsevier, 2025.

Non-Peer-Reviewed Publications

1. Jaklitsch MT, Byrne JG, **Mery CM**. Thymoma encasing last patent vein graft to the heart. J Thorac Cardiovasc Surg 1999;118(3):561-3. [Case report]
2. **Mery CM**, Carmona-Sanchez R, Suazo-Barahona J, Ponce-de Leon S, Robles-Diaz G. Appendectomy and the Development of Ulcerative Colitis. Am J Gastroenterol 2000 Jul;95(7):1850-1. [Letter to the editor]
3. **Mery CM**, Robles-Diaz G. [Tropical sprue: A non-existent or overlooked disease?]. Rev Invest Clin 2000 Jul-Aug;52(4):377-9. [Editorial]
4. **Mery CM**, Robles-Diaz G. Tropical sprue: A commonly overlooked diagnosis. Medicine Americas 2001; 2:29-36. [Review]
5. Jaklitsch MT, **Mery CM**, Audisio RA. The use of surgery to treat lung cancer in elderly patients. Lancet Oncol 2003 Aug;4(8):463-71. [Review]
6. Shah SA, **Mery CM**, Zinner MJ. Small bowel varices from neuroendocrine tumor of the pancreas. J Gastrointest Surg 2005 Sept-Oct;9(7):912-4. [Case report]

7. **Mery CM**, Bleday R. Principles of total mesorectal excision for rectal cancer. *Semin Colon Rectal Surg* 2005;16(3):117-27. [Review]
8. **Mery CM**, Karamichalis JM. The surgical training gap: The new era of the surgical trainee. *Bull Am Coll Surg* 2006 Jul;91(7):13-8. [Editorial]
9. **Mery CM**, Jaklitsch M. Lung resection in the elderly. *Chest* 2006;129(2):497. [Response]
10. Shafi BM, **Mery CM**, Binyamin G, Dutta S. Natural orifice transluminal endoscopic surgery (NOTES). *Semin Pediatr Surg* 2006 Nov;15(4):251-8. [Review]
11. **Mery CM**, Shafi BM, Binyamin G. Molecular imaging and radioimmunoguided surgery. *Semin Pediatr Surg* 2006 Nov;15(4):259-66. [Review]
12. Binyamin G, Shafi BM, **Mery CM**. Biomaterials: A primer for surgeons. *Semin Pediatr Surg* 2006 Nov;15(4):276-83. [Review]
13. Krummel TM, Gertner M, Makower J, Milroy C, Gurtner G, Woo R, Riskin DJ, Binyamin G, Connor JA, **Mery CM**, Shafi BM, Yock PG. Inventing our future: Training the next generation of surgeon innovators. *Semin Pediatr Surg* 2006 Nov;15(4):309-18. [Review]
14. **Mery CM**, Cooke DT, Chandra V, Shafi BM, Tavakkolizadeh A, Varghese TK. The road to innovation: Emerging technologies in surgery. *Bull Am Coll Surg* 2007 Jul;92(7):19-33. [Review]
15. Krummel TM, Shafi BM, Wall J, Chandra V, **Mery C**, Gertner M. Intellectual property and royalty streams in academic departments: myths and realities. *Surgery* 2008;143(2):183-91. [Review]
16. **Mery CM**, Greenberg JA, Patel A, Jaik N. Teaching and assessing the ACGME competencies in surgical residency. *Bull Am Coll Surg* 2008 Jul;93(7):39-47. [Review]
17. **Mery CM**, Santry HP. Building a surgical career. *Bull Am Coll Surg*. 2009 Jun;94(6):9-11. [Editorial]
18. Kaafarani HMA, **Mery CM**, Chokshi NK, Williams M. Careers in surgical research: Basic science, clinical research, health policy, and surgical innovation. *Bull Am Coll Surg* 2009 Jun;94(6):25-30. [Review]
19. **Mery CM**, Liepert A, Cooke DT. The modern history of U.S. health care reform: A primer for practicing surgeons, residents, and associate fellow. *Bull Am Coll Surg* 2010 Jul;95(7):15-20. [Review]
20. Kennedy JLW, **Mery CM**, Kern JA, Bergin JD. Mitral stenosis caused by an amplatzer occluder device used to treat a paravalvular leak. *Ann Thorac Surg* 2012 Jun;93(6):2058-60. [Case report]
21. Kennedy JL, **Mery CM**, Sumler M, Ailawadi G, Kern JA, Groves DS. Exchange of a Tandem heart to a HeartMate II left ventricular assist device complicated by an intracardiac thrombus. *Echocardiography* 2012 Oct;29(1): E22-3. [Case report]
22. **Mery CM**, Fraser CD. Anatomic repair of recurrent aortic arch obstruction. *Op Tech Thor Cardiovasc Surg* 2012;17(4):271-79. [Review]

23. McKenzie ED, Maskatia SA, **Mery C**. Surgical management of tetralogy of Fallot: In defense of the infundibulum. *Semin Thorac Cardiovasc Surg* 2013;25(3):206-12. [Review]
24. **Mery CM**, Lawrence SM, Krishnamurthy R, Sexson-Tejtel SK, Carberry KE, Watrin CH, Masand P, McKenzie ED, Fraser CD. Anomalous aortic origin of a coronary artery: Towards a standardized approach. *Semin Thorac Cardiovasc Surg* 2014 Summer;26(2):110-122. [Review]
25. Goldberg JF, **Mery CM**, Hilvers PS, Parekh DR, Welty SE, Bronicki RA, Lawrence SM. Extracorporeal membrane oxygenation support in severe hypertrophic obstructive cardiomyopathy associated with persistent pulmonary hypertension in infant of a diabetic mother. *Circulation* 2014 Nov;130(21):1923-5. [Case report]
26. **Mery CM**. Surgical results and outcomes following reimplantation for management of anomalous aortic origin of the right coronary artery. Invited Commentary. *Ann Thorac Surg* 2016 Jul;102(1):198-9. [Editorial]
27. **Mery CM**. Aortic arch anomalies in PHACE syndrome: An individualized approach to an unusual problem. *J Thorac Cardiovasc Surg* 2016 Sep;152(3):718-9. [Editorial]
28. Horne D, Britt JJ, Miller-Hance WC, Das S, **Mery CM**. Chronic ascending aortic pseudoaneurysm in a child secondary to a retained palm frond. *World J Pediatr Congenit Heart Surg* 2016 Sep;7(5):649-50. [Case report]
29. **Mery CM**. The hybrid procedure for hypoplastic left heart syndrome: A procedure still looking for its place. *J Thorac Cardiovasc Surg* 2017 Jan;153(1):173-174. [Editorial]
30. **Mery CM**, Kane LC. The ACGME Fellowship in Congenital Cardiac Surgery: The Graduates' Perspective. *Semin Thorac Cardiovasc Surg Pediatr Card Surg Ann* 2017 Jan;20(1):70-76.
31. **Mery CM**. Dead or Alive: The elusive quest for long-term follow-up. *J Thorac Cardiovasc Surg* Aug 2017;125(2):647-648. [Editorial]
32. Agrawal H, Sexson-Tejtel SK, Qureshi AM, Alam M, Masand P, Fraser CD, Molossi S, **Mery CM**. Aborted sudden cardiac death following unroofing of anomalous left coronary artery. *Ann Thorac Surg* 2017 Sep;104(3):e265-e267. [Case report]
33. Beckerman Z, **Mery CM**. Teaching congenital heart disease: A new era? *J Thorac Cardiovasc Surg*. 2017 Jun. 153(6):1541. [Editorial]
34. Brady KM, **Mery CM**. Cerebral autoregulation: Making sense of the nonsensical. *J Thorac Cardiovasc Surg* 2017 Sep;154(3):1045-1046. [Editorial]
35. Zea-Vera R, **Mery CM**. Mixed total veins: The epitome of the few, the disparate, and the obscure. *Semin Thorac Cardiovasc Surg* 2017;29(3):345-346. [Editorial]
36. Agrawal H, **Mery CM**, Krishnamurthy R, Molossi S. Anatomic types of anomalous aortic origin of a coronary artery: A pictorial summary. *Congenit Heart Dis* 2017;12(5):603-606. [Proceedings]
37. **Mery CM**. Decision making in anomalous aortic origin of a coronary artery. *Congenit Heart Dis* 2017; 12(5):630-632. [Proceedings]

38. Bastero P, Staveski SL, Zheleva B, Scanlan E, Cabrera AG, Araujo A, Reyes G, **Mery CM**, Palacios-Macedo A, Brizard CP. Partnership models for the establishment of sustainable pediatric cardiac surgical and cardiac intensive care programs in low- and middle-income countries. *Cardiol Young* 2017;27(Suppl 6):S55-60. [Special Article]
39. **Mery CM**, Fraser CD. Why do some conduits get infected and others don't? *J Thorac Cardiovasc Surg* 2018 Jan;155(1):305-319. [Editorial]
40. Binsalamah ZM, Marcano J, Zea-Vera R, Tunuguntla H, Kearney DL, Heinle JS, Fraser CD, **Mery CM**. Acute humoral rejection in an infant without risk factors after heart transplantation. *J Card Surg* 2018 Feb;33(2):126-128. [Case report]
41. Molossi S, **Mery CM**. The search for the holy grail: Risk stratification in anomalous aortic origin of a coronary artery. *J Thorac Cardiovasc Surg* 2018 Apr;155(4):1758-9. [Editorial]
42. Binsalamah ZM, Fraser CD, **Mery CM**. A pulmonary artery sling with a vascular ring in a toddler: an uncommon combination. *Cardiol Young* 2018 May;28(5):783-5. [Case report]
43. Binsalamah ZM, Chacon-Portillo MA, Sanyahumbi A, Adachi A, Heinle JS, Fraser CD, **Mery CM**. Circumflex aorta with double aortic arch in an infant. *J Card Surg* 2018 May;33(5):292-5. [Case report]
44. Agrawal H, Qureshi AM, Alam M, **Mery CM**, Molossi S. Anomalous aortic origin of a coronary artery with an intraseptal course: Novel techniques in haemodynamic assessment. *BMJ Case Rep.* 2018 Jun 29;2018. [Case report]
45. **Mery CM**. Elucidating the mechanisms of infective endocarditis in bovine jugular vein conduits: Are we any closer? *J Thorac Cardiovasc Surg* 2018 Aug;156(2):739-740. [Editorial]
46. Lamari-Fisher A, **Mery CM**. Moving beyond survival: The long-term psychosocial impact of congenital heart disease. *J Thorac Cardiovasc Surg* 2019;157:1588-1589. [Editorial]
47. **Mery CM**, Shmorhun DP. Pacemaker or no pacemaker? The question of a lifetime. *J Thorac Cardiovasc Surg* 2019 March; 157(3):1180-1181. [Editorial]
48. Molossi S, Martínez-Bravo LE, **Mery CM**. Anomalous aortic origin of a coronary artery. *Methodist DeBakey Cardiovasc J* 2019 Apr-Jun; 15(2):111-121. [Review]
49. Martínez-Bravo LE, **Mery CM**. The intercoronary pillar: not necessarily an innocent bystander. *J Thorac Cardiovasc Surg* 2019 Jul; 158(1): 218-219. [Editorial]
50. Stromberg D, **Mery CM**. Commentary: The shunt and the precarious physiology of the shunted circulation. *J Thorac Cardiovasc Surg* 2019 Oct; 158(4):1156-1157. [Editorial]
51. Beckerman Z, **Mery CM**. Tracheobronchomalacia: does one size fit all? *Semin Thorac Cardiovasc Surg* 2019 May; 31(3):486-487. [Editorial]
52. Chen PC, Swanson JC, Masand P, Rodriguez JR, **Mery CM**. Diaphragmatic hernia associated with absent ductus venosus and anomalous connection of an obliterated

- umbilical vein to the coronary sinus. *World J Pediatr Congenit Heart Surg* 2020 Jul;11(4):NP80-NP82. [Case report]
53. Beckerman Z, **Mery CM**. Commentary: Double-outlet right ventricle – Toward an individualized roadmap. *J Thorac Cardiovasc Surg* 2020 Jan;159(1):268-269. [Editorial]
 54. Well A, **Mery CM**. Commentary: The many roads traveled in tetralogy of Fallot repair. *J Thorac Cardiovasc Surg* 2020 Jan;159(1):237-238. [Editorial]
 55. Sinha L, **Mery CM**. Commentary: The arterial switch operation: Is it still all about the coronaries? *J Thorac Cardiovasc Surg* 2020 Jul;160(1):201-202. [Editorial]
 56. Mizrahi M, **Mery CM**, Hasbani K, Fraser CD, Beckerman Z. Anomalous aortic origin of a coronary artery: Surgical emergency? *Ann Thorac Surg* 2020 Oct;110(4):e257-e259. [Case report]
 57. Hatoum H, Dasi LP, Krishnamurthy R, Molossi S, **Mery CM**. Commentary: Computational fluid dynamics in anomalous coronaries: Moving from Anecdote-Based to Data-Based Clinical Decision-Making. *Semin Thorac Cardiovasc Surg* 2021 Spring;33(1):168-169 [Editorial]
 58. Beckerman Z, **Mery CM**. Aorto-left ventricular tunnel: Directing the spotlight to the aortic valve. *Eur J Cardiothorac Surg* 2021 Jun 14;59(6):1320-1321. [Editorial]
 59. Well A, **Mery CM**. Intraseptal anomalous coronaries: A radical solution for a radical problem? *Ann Thorac Surg* 2021 Aug;112(2):602. [Editorial]
 60. Well A, Stewart E, **Mery CM**. Long-term outcomes after Fontan palliation-the many shades of blue. *Eur J Cardiothorac Surg* 2021 Dec 27;61(1):62-63. [Editorial]
 61. Mikulski MF, **Mery CM**. Commentary: Down or non-down: It all comes down to the details. *J Thorac Cardiovasc Surg* 2022 Apr;163(4):1446-1447. [Editorial]
 62. Subramanian S, **Mery CM**. Commentary: 1V, 1.5V, 2V- Does it really matter? *Semin Thorac Cardiovasc Surg* 2022 Winter;34(4):1320-1321. [Editorial]
 63. Agrawal H, Lamari-Fisher A, Hasbani K, Philip S, Fraser CD, **Mery CM**. Decision making in anomalous aortic origin of a coronary artery. *Expert Rev Cardiovasc Ther*. 2023 Mar;21(3):177-191. [Review]
 64. **Mery CM**, Well A. Congenital Heart Surgery Outcomes: Looking Beyond the Hospital Walls. *J Am Coll Cardiol*. 2023 Aug 29;82(9):814-816. [Editorial]
 65. Gaudino M, Di Franco A, Arbustini E, Bacha E, Bates ER, Cameron DE, Cao D, David TE, De Paulis R, El-Hamamsy I, Farooqi KM, Girardi LN, Gräni C, Kochav JD, Molossi S, Puskas JD, Rao SV, Sandner S, Tatoulis J, Truong QA, Weinsaft JW, Zimpfer D, **Mery CM**. Management of adults with anomalous aortic origin of the coronary arteries: State-of-the-art review. *J Am Coll Cardiol*. 2023 Nov 21;82(21):2034-2053. [Review]
 66. **Mery CM**, Di Franco A, Gaudino M. Shared Decision-Making in Anomalous Aortic Origin of a Coronary Artery. *Ann Thorac Surg* 2024 Feb 13:S0003-4975(24)00105-X. [Letter to the editor]

67. Stephens EH, Jegatheeswaran A, Brothers JA, Ghobrial J, Karamlou T, Francois CJ, Krishnamurthy R, Dearani JA, Binsalamah Z, Molossi S, **Mery CM**. Anomalous aortic origin of a coronary artery. *Ann Thorac Surg*. 2024 Jun;117(6):1074-1086. [Review]
68. Orr Y, **Mery CM**. Anomalous aortic origin of a coronary artery: universal surgery and reimplantation exclusively? *Ann Thorac Surg*. 2025 Apr 9:S0003-4975(25)00301-7. doi: 10. 1016 /j.athoracsur. 2025.04.001. Epub ahead of print. PMID: 40216349. [Editorial]

Non-Print / Online Materials

1. **Mery CM**. Surgeons as innovators: Is it our role? RAS-ACS News. Winter 2006. <http://www.facs.org/ras-ac/resources/rasnews0206.pdf>
2. **Mery CM**. Surgical outcomes club created at the ACS Clinical Congress. RAS-ACS News. Winter 2006. <http://www.facs.org/ras-ac/resources/rasnews0206.pdf>
3. **Mery CM**. Williams M. July issue of the Bulletin: A voice for the resident and associate society. RAS-ACS News. Spring 2006. <http://www.facs.org/ras-ac/resources/rasnews0406.pdf>
4. **Mery CM**. New fellowship in extracranial radiosurgery for surgeons available. RAS-ACS News. Spring 2006. <http://www.facs.org/ras-ac/resources/rasnews0406.pdf>
5. **Mery CM**. Applications being accepted for Biodesign Surgical Innovation Fellowship at Stanford. RAS-ACS News. Early Summer 2006. <http://www.facs.org/ras-ac/resources/rasnews0606.pdf>
6. **Mery CM**. Surgical videos: Another educational opportunity on the ACS Web Portal. RAS-ACS News. December 2006. <http://www.facs.org/ras-ac/resources/rasnews1206.pdf>
7. **Mery CM**. Looking for clinical or research fellowships? Visit e-FACS.org. RAS-ACS News. September 2007. <http://www.facs.org/ras-ac/resources/rasnews0907.pdf>
8. **Mery CM**. Challenges and the future of surgical education. RAS-ACS News. May 2008. <http://www.facs.org/ras-ac/resources/rasnews0508.pdf>
9. **Mery CM**. WHO launches the “Safe Surgery Saves Lives” initiative. RAS-ACS News. July 2008. <http://www.facs.org/ras-ac/resources/rasnews0708.pdf>
10. **Mery CM**. Santry HP. Communications Committee. RAS-ACS News. December, 2008. <http://www.facs.org/ras-ac/resources/rasnews1208.pdf>
11. **Mery CM**. Building a surgical career. RAS-ACS News. February 2009. <http://www.facs.org/ras-ac/resources/rasnews0209.pdf>
12. **Mery CM**. Santry HP. Write an article for the ACS Bulletin – your voice counts! RAS-ACS News. April 2009. <http://www.facs.org/ras-ac/resources/rasnews0409.pdf>
13. **Mery CM**. Cooke DT. Message from the Communications Committee. RAS-ACS News. September 2009. <http://www.facs.org/ras-ac/resources/rasnews0909.pdf>
14. **Mery CM**. Report on the 46th Meeting of the Society of Thoracic Surgeons. RAS-ACS News. March 2010. <http://www.facs.org/ras-ac/resources/rasnews0310.pdf>

15. Molossi S, **Mery CM**. Controversies surrounding coronary arteries anomalies in young athletes. Sports and Exercise Cardiology Clinical Topic Collection. Expert Analysis. American College of Cardiology. July 23, 2015. <http://www.acc.org/latest-in-cardiology/articles/2015/07/14/08/31/controversies-surrounding-coronary-arteries-anomalies-in-young-athletes>
16. Tan C, **Mery CM**. TSRA Podcast: Congenital – Coarctation of the Aorta. December 2016. <http://sandcloud.com/tsrapodcast>
17. Sanyahumbi AS, **Mery CM**. Beyond Our Borders: Global Health in Pediatric Heart Disease – From Africa to Latin America. Expert Analysis. American College of Cardiology. Aug 21, 2017. <http://www.acc.org/latest-in-cardiology/articles/2017/08/21/11/08/beyond-our-borders>
18. Pediheart: Pediatric Cardiology Today Podcast (iTunes) by Robert Pass. Interview for Pediheart Podcast #8: Anomalous coronaries and pulmonary vein repair. Mar 18, 2018.

Non-Scientific / Media Appearances

1. Trained to treat. Texas Children's Hospital. Mar 6, 2016. <http://waystogive.texaschildrens.org/reasons-to-give/video/education/trained-to-treat.html>.
2. Multidisciplinary team at Texas Children's Hospital gives Young boy chance at life. ABC 13 Eyewitness News. May 12, 2016. <https://abc13.com/health/team-of-doctors-gives-young-boy-chance-at-life/1335450/>.
3. Baby Tenley gets heart transplant at Texas Children's Hospital. KPRC. May 29, 2017. <https://www.click2houston.com/news/baby-tenley-gets-heart-transplant-at-texas-childrens-hospital>.
4. New medical partnership looks into rare heart problems. KXAN. October 11, 2018. https://www.kxan.com/video/new-medical-partnership-looks-into-rare-heart-problems_20181012024043/1517992004.
5. Dell Children's Medical Center Spanish Radiothon. December 14-15, 2018.
6. Charles Fraser. Longhorn Network. December 2018. <https://vimeo.com/309975568>. Pwd: wsh.
7. Spirit of Caring: Spotlight on Dell Children's Heart Specialists. ABC KVUE. February 1, 2019. <https://www.kvue.com/video/features/spirit-of-caring/spirit-of-caring-spotlight-on-dell-childrens-heart-specialists/269-8389634>.
8. Congenital Heart Disease Awareness Week. KXAN. February 2, 2019. <https://uthealthaustin.org/videos/congenital-heart-disease>.
9. Boy who survived 90 minutes of CPR might change the way hospitals handle heart emergencies. Austin 360. Feb 18, 2019. <https://www.austin360.com/entertainmentlife/20190218/boy-who-survived-90-minutes-of-cpr-might-change-way-hospitals-handle-heart-emergencies>.

10. Congenital Heart Disease. Ascension Dell Children's Heart Report. March 6, 2019. https://www.youtube.com/watch?v=njP7EJv_Oro.
11. New hospital unit opens to treat children with potentially deadly heart conditions in Central Texas. KXAN. June 25, 2019. <https://www.kxan.com/news/simplehealth/new-hospital-unit-opens-to-treat-children-with-potentially-deadly-heart-conditions-in-central-texas/>.
12. Dell Children's opens new cardiac care unit, heart transplants soon will follow. Austin American Statesman newspaper. June 30, 2019. <https://www.austin360.com/entertainmentlife/20190629/dell-childrens-opens-new-cardiac-care-unit-heart-transplants-soon-will-follow>.
13. A rare congenital heart defect that takes a team to treat. A team of cardiac specialists dedicated to improving outcomes of children in central Texas. UT Health Austin. July 2019. <https://uthealthaustin.org/blog/hypoplastic-left-heart-syndrome>
14. A move worth making. UT Health Austin. August 2019. <https://uthealthaustin.org/blog/addie-patient-story>
15. Young boy gifted a second chance at life. Christian Broadcast Network (CBN). December 2019. <https://www1.cbn.com/young-boy-gifted-second-chance-life>
16. Redesigning care for patients with single-ventricle congenital heart disease. KXAN. February 1, 2020. https://www.youtube.com/watch?v=pvJKRfJFEOW&feature=emb_title
17. Single Ventricle Congenital Heart Study. UT Health Austin. February 2020. <https://uthealthaustin.org/blog/dr-mery-congenital-heart-study-video>
18. Dell Children's Pediatric Heart Transplant Program. UT Health Austin and Dell Children's Medical Center. July 2020.
 - KVUE. <https://www.kvue.com/article/news/health/dell-childrens-pediatric-heart-transplant-program-austin/269-9988e851-8c5b-4a96-9369-12a0d77682a0>
 - Dell Children's Begins Heart Transplant Program. The Austin American Statesman. <https://clicktime.symantec.com/3X4qRvFQN72pnC5djuvSkhc7Vc?u=https%3A%2F%2Fwww.austin360.com%2Fentertainmentlife%2F20200731%2Fdell-childrens-begins-heart-transplant-programPatch.com>
 - Dell Children's Announces Pediatric Heart Transplant Program. UT Health Austin and Dell Children's Medical Center. <https://clicktime.symantec.com/33UnurxLnqPaS9AgZWZsPfq7Vc?u=https%3A%2F%2Fpatch.com%2Ftexas%2Fdowntownaustin%2Fdell-children-s-announces-first-pediatric-heart-transplant-progra>
 - Dell Children's Facebook Live: Heart Transplant Program Launches at Dell Children's Medical Center. UT Health Austin and Dell Children's Medical Center. <https://clicktime.symantec.com/3BK4MBWcERPDKKvYQSuvoiz7Vc?u=https%3A%2F%2Fwww.facebook.com%2FDellChildrensMedicalCenter%2Fvideos%2F945977552481391%2F>
 - Becker's Healthcare: Heart Transplant Program Launches at Dell Children's Medical Center. UT Health Austin and Dell Children's Medical Center.

- <https://clicktime.symantec.com/3TfcKSNbFcpKyxeM8YJEUtd7Vc?u=https%3A%2F%2Fwww.beckershospitalreview.com%2Fcardiology%2Fheart-transplant-program-launches-at-dell-children-s-medical-center.html>MSN.com
- Dell Children’s Launches First Pediatric Heart Transplant Program in Central Texas. KVUE. <https://clicktime.symantec.com/38Sh3Ufj8kYEzVthCTUeBPC7Vc?u=https%3A%2F%2Fwww.msn.com%2Fen-us%2Fhealth%2Fmedical%2Fdell-childrens-launches-first-pediatric-heart-transplant-program-in-central-texas%2Far-BB17qsjZNewsbreak>
 - Dell Children’s Announces First Pediatric Heart Transplant Program in Central Texas. Dell Children’s Medical Center. <https://clicktime.symantec.com/3Mx7KKfBwMEGJuL1WX4ySXW7Vc?u=https%3A%2F%2Fwww.dellchildrens.net%2Fnews%2F2020%2F07%2F31%2Fdell-childrens-announces-first-pediatric-heart-transplant-program-in-central-texas%2F>
 - Announcing the First Pediatric Heart Transplant Program in Central Texas. UT Health Austin. <https://uthealthaustin.org/blog/announcing-the-first-pediatric-heart-transplant-program-in-central-texas>
19. American Heart Association Heart Walk. American Heart Association (AHA). October 2020. <https://www.youtube.com/watch?v=f1SmPzZCg0g&t=1s>
 20. Dell Children’s Trust. October 22, 2020. <https://vimeo.com/471765325>
 21. Dell Children’s Medical Center Spanish Radiothon. December 1, 2020.
 22. Dell Children’s Experience Video. December 2020. <https://vimeo.com/491816495>
 23. UT Health Austin research to identify common questions about rare cardiac disease. Daily Texan. April 2021. <https://thedailytexan.com/2021/04/21/ut-health-austin-research-to-identify-common-questions-about-rare-cardiac-disease/>
 24. Lenamond J. Healing and Hope. Dell Children’s and Dell Medical School pediatric and congenital heart program gives kids a second chance at life. Texas Connect. Fall 2021. The University of Texas at Austin.
 25. Designing Better Systems: Dell Med Students Partner on Real-World Health Challenges. Dell Medical School at The University of Texas at Austin News Feature. November 2021. <https://dellmed.utexas.edu/news/designing-better-systems-dell-med-students-partner-on-real-world-health-challenges>
 26. [Coronary anomalies in infancy and adolescence]. Pediatras en Línea [Audio Podcast S2:E19]. Children’s Hospital Colorado, CO. October 2022. <https://open.spotify.com/episode/5DKrHQthfFIdRXGtv5rdrd?si=kapNUqd8TIWr9W2B47ZCwA&nd=1>
 27. Tiny Hearts, Whole Lives. Dell Medical School at the University of Texas at Austin Visionaries. October 2022. <https://www.dellmedvisionaries.com/carlos-mery>
 28. Thurman K (illustrated by Ka B). The Teeny Tiny Truncus. ISBN 979-8-9874085-0-6. Appearance in children’s book written by patient’s family. https://www.amazon.com/Teeny-Tiny-Truncus-Karlotta-Thurman/dp/B0BQ5DRJZW/ref=sr_1_1?crid=2FZO6UTEYHZSO&keywords=teeny+

[tiny+truncus&qid=1674933117&srefix=teeny+tiny+truncus%2Caps%2C97&sr=8-1.](https://www.austinmonthly.com/issues/austin-monthly-january-february-2023/)
December 2022.

29. Cover - Our Exclusive List of Top Doctors. Austin Monthly. January/February 2023.
<https://www.austinmonthly.com/issues/austin-monthly-january-february-2023/>

30. Cardiac arrest in 11-year-old soccer player due to coronary artery anomaly.

- 11-year-old soccer player on the road to full recovery after surviving cardiac arrest while training. KVUE-ABC. <https://www.kvue.com/article/news/health/11-year-old-soccer-player-survives-cardiac-arrest/269-9d686b59-0f37-4cd3-b2afd388a0bd8d71>
- First responders reunite with 11-year-old who suffered cardiac arrest during soccer practice. FOX7 Austin. <https://www.fox7austin.com/news/austin-girl-recovers-from-cardiac-arrest>
- Chain of survival: 11-year-old survivor of cardiac arrest meets heroes who saved her life. <https://cbsaustin.com/news/local/chain-of-survival-11-year-old-survivor-of-cardiac-arrest-meets-heroes-who-saved-her-life-coach-nick-snyder-atcems-apd-starflight-afd-dell-childrens-medical-center#>

31. Entre Líneas interview (Radio - La Poderosa, Video - Social Media). April 5, 2023.
[BUEN DIA ALEGRIA Esta parte de mi vida se llama .."En persecución de un sueño " ENTRE LINEAS-Show Gracias a Luis Flores Bono y Jenn Bono \(... | By Roy Maita | Facebook](https://www.facebook.com/entrelineas/posts/entre-lineas-show-gracias-a-luis-flores-bono-y-jenn-bono-...-by-roy-maita/)

32. Portraits in Commitment, Dell Medical School. June 16, 2023.
<https://youtube.com/watch?v=t4Re-pqum18>

33. Dell Children's Partial Heart Transplant

- KXAN-Austin. (<https://www.kxan.com/news/local/austin/1st-texas-pediatric-partial-heart-transplant-performed-in-austin/>)
- KUT-radio KUT News Now. (<https://kutkutx.studio/kut-news-now/kut-morning-newscast-for-july-12-2023?showmore=0>)
- Fox News Austin. (<https://www.fox7austin.com/news/texas-pediatric-partial-heart-transplant-dell-childrens>)
- KDFW-Dallas. (<https://mms.tveyes.com/PlaybackPortal.aspx?SavedEditID=541ffdbb-8cac-4e4b-a265-2f0b2ce59b27>)
- KHOU-Houston. (<https://mms.tveyes.com/PlaybackPortal.aspx?SavedEditID=5f3bcd30-58b4-4476-b024-7466ac5c4195>)
- KLBJ Radio (<https://mms.tveyes.com/PlaybackPortal.aspx?SavedEditID=603e23e9-3c24-4e0b-9598-4cd545bf0486>)

- Community Impact (<https://communityimpact.com/austin/lake-travis-westlake/health-care/2023/07/10/11-month-old-receives-first-pediatric-partial-heart-transplant-in-texas>)
 - Becker's Hospital Review (<https://www.beckershospitalreview.com/cardiology/texas-physicians-perform-rare-partial-heart-transplant-on-11-month-old.html>)
 - Dell Medical School. (<https://dellmed.utexas.edu/news/ut-health-austin-and-dell-childrens-announce-first-pediatric-partial-heart-transplant-in-texas#:~:text=In%20This%20Section-.UT%20Health%20Austin%20and%20Dell%20Children's%20Announce,Partial%20Heart%20Transplant%20in%20Texas&text=In%20a%20historic%20first%20for,heart%20transplant%20in%20the%20world.>)
 - Good Day Austin – Fox. (<https://www.fox7austin.com/video/1246993>)
 - Good Morning America. (<https://www.goodmorningamerica.com/wellness/story/toddler-undergoes-rare-partial-heart-transplant-101539786>)
 - Ascension. <https://about.ascension.org/news/2023/07/dell-childrens-surgeons-perform-rare-pediatric-partial-heart-transplant#:~:text=In%20a%20historic%20first%20for%20Texas%2C%20surgeons%20and,known%20pediatric%20partial%20heart%20transplant%20in%20the%20world.>
 - Austin American Statesman. <https://www.statesman.com/story/news/healthcare/2023/07/30/baby-elias-partial-heart-transplant-austin-dell-childrens-medical-center-first-in-texas/70453646007/>
34. Austin Woman's Magazine. The University of Texas at Austin UT Health Austin -- Committed to Excellence. July 2023. <https://issuu.com/austinwoman/docs/july-book>
35. Efecto Inspiración. "Con el Corazón en la Mano – Carlos Mery". (Interview). https://m.youtube.com/watch?si=NiCh2koXUwdXVugR&v=I2OZYu_Xxxc&feature=youtu.be. <https://open.spotify.com/episode/1jQZ0WeQQYJ1kDkZeBwtot?si=G-YsD03-T2ml4hLi3s8nBQ>.
36. Childrens Austin Heart Transplant Program Celebrate 5 Years Surgeries. January 10, 2024.
- Austin American Statesman. <https://www.statesman.com/story/news/healthcare/2024/01/10/dell-childrens-austin-heart-transplant-program-celebrate-5-years-surgeries/72084229007/>
37. Response to teen's cardiac arrest set in motion by Hurricane Beryl. August 22, 2024.
- Baptist Press. [Response to teen's cardiac arrest set in motion by Hurricane Beryl | Baptist Press](#)

Abstracts

International

1. Jaklitsch MT, **Mery CM**, Bueno R, Vasconcelles MJ, Richards WG, Mentzer SJ, DeCamp MM, Swanson SJ, Lukanich JM, Sugarbaker DJ. Lesser pulmonary resections are more common in elderly non-small cell lung cancer patients but do not adversely affect survival. Presented at the Annual Meeting of the American Society of Clinical Oncology (ASCO), Atlanta, GA. May 1999. Proceedings of ASCO 1999;18:471a.
2. Jaklitsch MT, **Mery CM**, Lukanich JM, Richards WG, Mentzer SJ, Swanson SJ, Bueno R, Sugarbaker DJ. Sequential thoracic metasectomy prolongs survival by preserving local control. Presented at the Annual Meeting of the Western Thoracic Surgical Association (WTSA), Lake Tahoe, CA. June 1999. Proceedings WTSA 1999:70-71.
3. **Mery CM**, Perez-Diaz I, Castanares DT, Cervantes-Ortiz LF, Robles-Diaz G. Demographic and clinical profile of a Mexican population with histological diagnosis of pancreatic cancer. Presented at the Mexican Gastroenterology Week, Veracruz, Mexico. December 1999. Rev Gastroenterol Mex 1999;64 (Suppl):86.
4. Suarez-Licona AM, **Mery CM**, Bobadilla-Diaz J, Suazo Barahona J, Sanchez Cortes E, Robles-Diaz G. Post-ERCP pancreatitis: diagnosis and prevention. Presented at the Mexican Gastroenterology Week, Veracruz, Mexico. December 1999. Rev Gastroenterol Mex 1999;64 (Suppl):57.
5. Calderon JL, **Mery CM**, Morales JJ, Uscanga LF, Robles-Diaz G. Familial pancreatic cancer: description of three cases. Presented at the Mexican Gastroenterology Week, Veracruz, Mexico. December 1999. Rev Gastroenterol Mex 1999;64 (Suppl):86.
6. Paz-Pineda F, **Mery CM**, Calderon JL, Gomez E, Vargas-Vorackova F, Robles-Diaz G. Does cholestasis modify the clinical utility of CA 19-9? Presented at the Mexican Gastroenterology Week, Veracruz, Mexico. December 1999. Rev Gastroenterol Mex 1999;64 (Suppl):54.
7. Calderon JL, **Mery CM**, Morales JJ, Uscanga LF, Robles-Diaz G. [Familial pancreatic cancer: description of three cases]. Presented at the Central American Internal Medicine Congress, La Antigua, Guatemala. January 2000.
8. Paz-Pineda F, **Mery CM**, Calderon JL, Gomez E, Vargas-Vorackova F, Robles-Diaz G. [Does cholestasis modify the clinical utility of CA 19-9?]. Presented at the Central American Internal Medicine Congress, La Antigua, Guatemala. January 2000.
9. **Mery CM**, Vidaltamayo R, Hiriart M, Morales A, Diaz-Sanchez V, Angeles A, Jimenez V, Robles-Diaz G. Neural growth factor (NGF), amylin, and androgen- estrogen- and progesterone- receptors in different types of pancreatic cancer. Presented at the Mexican Health Ministry Meeting for Scientific Research, Mexico City, Mexico. August 2000.
10. Morales G, Duarte A, Suazo J, **Mery CM**, Uscanga L, Robles G. Could hematocrit be an early indicator of severity in acute pancreatitis? Presented at the Mexican Gastroenterology Week, Mazatlan, Mexico. December 2000. Rev Gastroenterol Mex 2000;65 (Suppl):54.

11. Samayoa AX, Moffett BS, Khan MS, **Mery CM**, Heinle JS, Morales DLS. Hospital costs for supporting children with ventricular assist device in the United States. Presented at the 32nd Annual Meeting of the International Society for Heart and Lung Transplantation (ISHLT), Prague, Czech Republic. April 2012.
12. Adachi I, Khan MS, McKenzie ED, **Mery CM**, Cabrera AG, Price JF, Jeewa A, Denfield SR, Dreyer WJ, Fraser CD. Is ventricular assist device an effective tool to support children with a failing cardiac graft? Presented at the 33rd Annual Meeting and Scientific Session of the International Society of Heart and Lung Transplantation (ISHLT), Montreal, Canada. April 2013.
13. Burki S, Mahoney D, Jeewa A, McKenzie ED, Morales D, **Mery CM**, Heinle J, Fraser CD, Adachi I. Temporal distribution of hematologic complications during Berlin EXCOR support: Relevance to anticoagulation management. Presented at the International Society for Heart and Lung Transplantation (ISLT) 35th Annual Meeting and Scientific Sessions, Nice, France. April 2015.
14. **Mery CM**, Trujillo-Diaz D, DeLeon LE, Ermis PR, Adachi I, Heinle JS, Kane LC, McKenzie ED, Fraser CD. Contemporary outcomes of the Fontan operation: What have we learned in 21 years? Presented at the World Congress for Pediatric Cardiology and Cardiac Surgery, Barcelona, Spain. July 2017.
15. Zea-Vera R, Rodgers N, Zhu H, Dreyer WJ, Denfield SW, Price JF, Cabrera AG, Tunuguntla H, Bocchini C, **Mery CM**, Kane LC, Heinle JS, Fraser CD, Adachi I. Outcomes after orthotopic heart transplant at Texas Children's Hospital: Focus on retransplantation. Presented at the 7th World Congress of Pediatric Cardiology and Cardiac Surgery, Barcelona, Spain. July 2017.
16. Tume S, Qureshi A, Parekh D, Anders M, Pignatelli R, Cabrera A, **Mery CM**, Justino H, Adachi I. Percutaneous VAD in children supported with ECMO for cardiogenic shock. Presented at the 2018 Acute Cardiac Unloading and Recovery Symposium, Barcelona, Spain. August 2017.
17. Krauklis K, Lamari-Fisher A, Rippe A, Thompson A, Noori H, Brown K, Barr S, Tretham M, Geis A, Fraser CD, **Mery CM**. Targeting neonatal and infant development in the cardiac care unit (CCU) setting. Presented at the Pediatric Cardiac Intensive Care Society (PCICS) 15th Annual International Meeting, London, England. November 2019.
18. Well A, Mizrahi M, Patt H, Johnson G, Fraser CD, **Mery CM**, Beckerman Z. Interventions in bicuspid aortic valve – 10-year review. Presented at the 2020 European Association for Cardio-Thoracic Surgery Annual Meeting. October 2020 (virtual).
19. Well A, Mizrahi M, Patt H, Johnson G, Fraser CD, **Mery CM**, Beckerman Z. Aortic dissection and rupture in adult congenital heart disease – 10-year review. Presented at the 2020 European Association for Cardio-Thoracic Surgery Annual Meeting. October 2020 (virtual).
20. Jegatheeswaran A, Callahan CP, Brothers JA, Jacobs ML, Williams WG, Mertens L, **Mery CM**, Molossi S, Caldarone CA, Fleishman CE, McCrindle BW. Quality of life of

patients with surgically and medically managed AAOCA: A CHSS study. Presented at the 2020 Congenital Heart Surgeons' Society and European Congenital Heart Surgeons' Association Joint Meeting. October 2020 (virtual).

21. Jacobs ML, Jacobs JP, Thibault D, Hill KD, Anderson BR, Eghtesady P, Karamlou T, Kumar SR, Mayer JE, **Mery CM**, Nathan M, Overman DM, Pasquali SK, St. Louis JD, Shahian D, O'Brien SM. Updating an empirically based tool for analyzing congenital heart surgery mortality. Presented at the 2020 Congenital Heart Surgeons' Society and European Congenital Heart Surgeons' Association Joint Meeting. November 2020 (virtual).
22. Well A, Mizrahi, M, Johnson, G, Patt H, Fraser CD, **Mery CM**, Beckerman Z. Hospitalizations of adult congenital heart disease patients in Texas - A decade in review. Presented at the 2020 Congenital Heart Surgeons' Society and European Congenital Heart Surgeons' Association Joint Meeting. October 2020 (virtual).
23. Farsiani Y, Parthasarathy J, Molossi S, **Mery CM**, Razavi A, Dasi LP, Krishnamurthy R. Biomechanical flow modeling using patient-specific 3D printed models for surgical decision-making in anomalous aortic origin of the coronary arteries (AAOCA). Accepted for presentation at the 8th International Pediatric Radiology Conjoint Meeting and Exhibition, Rome, Italy. October 2021.
24. Razavi A, Parthasarathy J, Farsiani Y, Molossi S, **Mery CM**, Krishnamurthy R, Dasi LP. Patient-specific assessment of hemodynamics in patients with anomalous aortic origin of the coronary artery (AAOCA): A computational fluid dynamics (CFD) study. Accepted for presentation at the 8th International Pediatric Radiology Conjoint Meeting and Exhibition, Rome, Italy. October 2021.
25. Estevez S, Mikulski MF, Well A, Gutierrez-Sauceda A, Fraser CD, **Mery CM**, Beckerman Z. Thoracic aortic and aortic valve intervention outcomes in adults with Turner syndrome in Texas from 2009-2019. Presented at 2022 European Association for Cardio-Thoracic Surgery Annual Meeting, Milan, Italy. October 2022.
26. Morris M, Pliego J, Keith L, Goss M, Allen Z, **Mery CM**, McCullum E, Lamari-Fisher A. Initiation of CNOC and neurodevelopmental registry participation: lessons learned by a multidisciplinary heart center. Presented at the 11th Annual Scientific Sessions of the Cardiac Neurodevelopmental Outcome Collaborative, Montreal, Quebec. October 2022.
27. Mikulski MF, Well A, Gough C, Wesson DE, **Mery CM**, Fraser CD. Cardiac pathology does not correlate with degree of abdominal anatomic manifestations in dextrocardia and Heterotaxy patients. Presented at Dr. David Wesson Recognition Day, Toronto, Canada. June 2023.
28. Philip, SS, Jani S, Glass LD, **Mery CM**, Fraser CD, Castleberry C. Varicella zoster virus infections following pediatric heart transplantation: a review of the pediatric health information system (phis) database. Presented at International Society for Heart and Lung Transplantation 44th Annual Meeting and Scientific Sessions. Prague, Czech Republic. April 2024.

29. Philip, SS, Jani S, Glass LD, **Mery CM**, Fraser CD, Castleberry C. Outcomes of pediatric heart transplantation recipients with cocaine-use donors: a review of the united network for organ sharing (unos) research database. Presented at International Society for Heart and Lung Transplantation 44th Annual Meeting and Scientific Sessions. Prague, Czech Republic. April 2024.

National

1. **Mery CM**, Rubio V, Suazo-Barahona J, Duarte-Rojo A, Milke P, Robles-Diaz G. Android obesity and fat distribution as predictors of severity in acute pancreatitis. Presented at the Annual Meeting of the American Pancreatic Association, Chicago, IL. November 2000. *Pancreas* 2000;21(4):461.
2. **Mery CM**, Lukanich JM, Bueno R, Swanson SJ, Mentzer SJ, Pappas AN, Sugarbaker DJ, Jaklitsch MT. Probability of malignancy in a solitary pulmonary nodule depends on antecedent cancer history. Presented at the Annual Meeting of the American Society of Clinical Oncology (ASCO), San Francisco, CA. May 2001; and at the Annual Academic Surgical Congress (AAS/SUS), Huntington Beach, CA. February 2008. *Proceedings of ASCO* 2001;20:332a.
3. **Mery CM**, Pappas AN, Lukanich JM, Bueno R, Swanson SJ, Mentzer SJ, Sugarbaker DJ, Jaklitsch MT. Long-term survival of patients with early-stage non-small cell lung cancer as a function of age and treatment modality. Presented at the Annual Meeting of the American College of Chest Physicians (CHEST 2001), Philadelphia, PA. November 2001. Awarded with the Alfred Soffer Research Award by the ACCP. *Chest* 2001;120(4):176S.
4. **Mery CM**, Pappas AN, Bueno R, Lukanich JM, Mentzer SJ, Colson YL, Linden PA, Sugarbaker DJ, Jaklitsch MT. Diameter of non-small cell lung cancer correlates with long-term survival: implications for T stage. Presented at the Annual Meeting of the American College of Chest Physicians (CHEST 2002), San Diego, CA. November 2002. Finalist for the Alfred Soffer Research Award by the ACCP. *Chest* 2002;122(4):8S-9S.
5. **Mery CM**, Zellos L, Raut CP. Peritoneal mesothelioma: incidence and risk factors for survival. Presented at the 2007 Gastrointestinal Cancers Symposium of the American Society of Clinical Oncology (ASCO), Orlando, FL. January 2007; and at the 2007 Annual Meeting of the Society of Surgical Oncology (SSO), Washington, DC. March 2007. *Ann Surg Oncol* 2007;14(Suppl 2):69-70.
6. **Mery CM**, Shafi BM, Binyamin G, Gertner M. The effect of staple height, buttressing, and overlap on staple line failure. Presented at the Annual Meeting of the American Society for Bariatric Surgery (ASBS), San Francisco, CA. June 2007. *Surg Obes Relat Dis* 2007;3(3):297.
7. **Mery CM**, George S, Raut CP. Secondary sarcomas after radiation in patients with breast cancer. Presented at the Annual Meeting of the American Society of Clinical Oncology (ASCO), Chicago, IL, June 2007; and at the 13th Annual Connective Tissue Oncology Society (CTOS) Meeting, Seattle, WA. November 2007. *J Clin Oncol* 2007;25(18S):10072.

8. Shafi BM, Sanchez GN, Chandra V, Wall JK, Fierro M, **Mery CM**, Krummel T, Gertner M. The effect of laparoscopic staplers on porcine small bowel perfusion. Presented at the Annual Meeting of the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES), Philadelphia, PA. April 2008.
9. Shafi BM, **Mery CM**, Sanchez GN, Krummel T. 30 Second laparoscopic port site closure. Presented at the Annual Meeting of the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES), Philadelphia, PA. April 2008.
10. Oejo S, Burt BM, **Mery CM**, Bueno R, Sugarbaker DJ, Jaklitsch MT. Long-term survival and recurrence are not adversely influenced by minimally invasive metastasectomy. Presented at the Annual Meeting of the Society of Thoracic Surgeons (STS), San Francisco, CA, January 2009; and at the Massachusetts Chapter of the American College of Surgeons.
11. Morgan EA, **Mery CM**, Kozono DE, Butrynski JE, Baldini EH, Raut CP, Nascimento AF. Angiosarcoma of the breast: a rare complication of radiation therapy. Clinicopathologic study of 33 cases in a single institution. Presented at the Annual Meeting of the United States and Canadian Academy of Pathology, Boston, MA. March 2009.
12. LaPar DJ, Bhamadipati CM, **Mery CM**, Stukenborg GJ, Jones DR, Schirmer BD, Kron IL, Ailawadi G. Primary payer status affects mortality for major surgical operations. Presented at the 130th Annual Meeting of the American Surgical Association (ASA), Chicago, IL. April 2010.
13. LaPar DJ, Bhamadipati CM, **Mery CM**, Stukenborg GJ, Lau CL, Kron IL, Ailawadi G. Academic season does not influence cardiac surgical outcomes at US Academic Medical Centers. Presented at the 96th Annual Clinical Congress of the American College of Surgeons (ACS), Washington, DC. October 2010.
14. **Mery CM**, LaPar DJ, Chamberlain RS, Gangemi JJ, Kron IL, Peeler BB. Pulmonary artery and conduit reintervention rates in patients after Norwood procedure using the chimney patch technique. Presented at the 57th Annual Meeting of the Southern Thoracic Surgical Association (STSA), Orlando, FL. November 2010.
15. Sarkaria IS, Carr SR, Maclver RH, Whitson BA, Joyce DL, Stulak JM, **Mery CM**, Guitron J, Singh R, Mettler BA, Turek JW. Results of the 2010 Thoracic Surgery Residents Association workforce survey: a view from the trenches. Presented at the 47th Annual Meeting of the Society of Thoracic Surgeons (STS), San Diego, CA. January 2011.
16. Seckeler MD, **Mery CM**, Gangemi JJ, Peeler BB, Jayakumar KA. Angiographic predictor of pulmonary artery stenosis after the Norwood-Sano operation for hypoplastic left heart syndrome. Presented at the Society for Cardiovascular Angiography and Interventions 2011, Baltimore, MD. May 2011.
17. LaPar DJ, **Mery CM**, Kozower BD, Kern JA, Kron IL, Stukenborg GJ, Ailawadi G. The effect of surgeon volume on mortality for off-pump coronary artery bypass grafting in the United States. Presented at the 91st Annual Meeting of the American Association for Thoracic Surgery (AATS), Philadelphia, PA. May 2011.

18. Lawrence SM, **Mery CM**, Khan MS, Tate AL, Chen DW, Krishnamurthy R, Fraser CD. Functional assessment by stress exercise in patients with anomalous aortic origin of a coronary artery: Experience over 17 years. Presented at the Annual Meeting of the American College of Cardiology (ACC), San Francisco, CA. March 2013.
19. **Mery CM**, Moffett BS, Khan MS, Zhang W, Guzman FA, Fraser CD, Cabrera AG. Incidence and Treatment of chylothorax after cardiac surgery in children: analysis of a large multi-institutional database. Presented at the 2013 Annual Meeting of the American Association of Thoracic Surgery (AATS), Minneapolis, MN. May 2013.
20. Vogelius E, **Mery CM**, Masand P, Bisset G III, Krishnamurthy R. Dynamic evaluation of the ostium and proximal course of anomalous coronary arteries by retrospective EKG gated CTA. Presented at the 2013 Annual Meeting of the Society for Pediatric Radiology (SPR), San Antonio, TX. May 2013.
21. **Mery CM**, Lawrence SM, Chen DW, Khan MS, Krishnamurthy R, McKenzie ED, Fraser CD. Outcomes of surgical and non-surgical treatment of patients with anomalous aortic origin of a coronary artery. Presented at the 2013 American Academy of Pediatrics (AAP) National Conference, Orlando, FL. October 2013.
22. Fraser CD, Khan MS, Fraser CD III, Heinle JS, Adachi I, **Mery CM**, Price JF, McKenzie ED. Evolution of a ventricular assist device program in a large children's hospital. Presented at the 2013 Annual Meeting of the Western Thoracic Surgical Association (WTSA), Coeur d'Alene, ID. June 2013.
23. **Mery CM**, Khan MS, Verm R, Guzman-Pruneda FA, Adachi I, Heinle JS, McKenzie ED, Fraser CD. Contemporary results of anatomic repair for recurrent aortic coarctation. Presented at the Southern Thoracic Surgical Association (STSA) 60th Annual Meeting, Scottsdale, AZ. October 2013.
24. **Mery CM**, Khan MS, Verm R, Guzman-Pruneda FA, Adachi I, Heinle JS, McKenzie ED, Fraser CD. Contemporary results of anatomic repair for recurrent aortic coarctation. Presented at the Southern Thoracic Surgical Association (STSA) 60th Annual Meeting, Scottsdale, AZ. October 2013.
25. **Mery CM**, Guzman-Pruneda FA, Chan JG, Adachi I, Heinle JS, McKenzie ED, Fraser CD. Complete autologous aortic arch reconstruction ("Aortic Arch Advancement"). Presented at the Society of Thoracic Surgeons (STS) 50th Annual Meeting, Orlando, FL. January 2014.
26. Cabrera AG, Chen DW, Pignatelli RH, Khan MS, Jeewa A, Heinle J, **Mery CM**, McKenzie ED, Fraser CD. Assessing outcomes of contemporary repair of anomalous coronary from the pulmonary artery (ALCAPA): Beyond conventional parameters of function. Presented at the Society of Thoracic Surgeons (STS) 50th Annual Meeting, Orlando, FL. January 2014.
27. Poynter JA, Karamlou TB, Walters HL, Decampoli WM, Bondarenko I, Austin EH, Gaynor J, **Mery CM**, Blackstone EH, Ziemer G, Pearl J, Jacobs JP, Mavroudis C. Profile of current surgical techniques for repair of anomalous aortic origin of a coronary artery: a report from the Congenital Heart Surgeons' Society AAOCA

- Registry. Presented at the Society of Thoracic Surgeons (STS) 50th Annual Meeting, Orlando, FL. January 2014.
28. **Mery CM**, Lawrence SM, Krishnamurthy R, Carberry KE, Sexson-Tejtel K, Watrin CH, Reaves DL, Masand P, McKenzie ED, Fraser CD. Anomalous aortic origin of a coronary artery: Towards a standardized approach. Presented at the Baylor College of Medicine Cardiovascular Research Institute 2nd Annual Symposium, Houston, TX. March 2014 and Texas Children's Hospital 2014 Surgical Research Day, Houston, TX. May 2014.
 29. Guzman-Pruneda F, Orr Y, **Mery CM**, Adachi I, Nugent M, Maddox J, Schechter MG, Mallory GB, Morales DL, Heinle JS, McKenzie ED. Bronchial artery revascularization and En Bloc lung transplant in children. Presented at the International Society for Heart and Lung Transplantation (ISHLT) 34th Annual Meeting, San Diego, CA. April 2014.
 30. Adachi I, Guzman-Pruneda F, Heinle JS, McKenzie ED, **Mery CM**, Orr Y, Jeewa A, Cabrera AG, Price JF, Denfield SW, Dreyer WJ, Fraser CD. Outcome of pediatric heart transplantation has continued to improve over the last three decades: Impact of mechanical circulatory support. Presented at the International Society for Heart and Lung Transplantation (ISHLT) 34th Annual Meeting, San Diego, CA. April 2014.
 31. Orr Y, **Mery CM**, Adachi I, Heinle JS, McKenzie ED. Technique for pediatric En Bloc lung transplantation with bronchial artery revascularization. Presented at the International Society for Heart and Lung Transplantation (ISHLT) 34th Annual Meeting, San Diego, CA. April 2014.
 32. Sexson SK, **Mery C**, Altman CA, Kailin JA, Rivenes SM, Ayres N, Lawrence EJ, Krishnamurthy R, Masand P, McKenzie ED, Fraser CD, Reaves DL, Watrin CH, Carberry KE, Lawrence SM. Echocardiographic analysis of anomalous aortic origin of coronary arteries: A comparison to CT angiography. Presented at the American Society of Echocardiography (ASE) 25th Annual Meeting, Portland, OR. June 2014.
 33. Guzman-Pruneda FA, Trost JG Jr, Smith BM, Parekh DR, Adachi I, Heinle JS, McKenzie ED, Fraser CD, **Mery CM**. Patient selection minimizes recurrent arch obstruction in patients undergoing aortic coarctation repair via left thoracotomy. Presented at the Society of Thoracic Surgeons (STS) 51st Annual Meeting, San Diego, CA. January 2015.
 34. Stephens EH, Odell DD, Stein W, LaPar DJ, DeNino WF, Aftab M, Berfield K, Eilers AL, Groth SS, Lazar JF, Robich MP, Shah AA, Smith D, Stock CT, Tchantchaleishvili V, **Mery CM**, Turek JW, Salazar JD, Nguyen TC. A decade of change: Training and career paths of cardiothoracic surgery residents 2003-2014. Presented at the Society of Thoracic Surgeons (STS) 51st Annual Meeting, San Diego, CA. January 2015.
 35. Molossi SM, **Mery CM**, Krishnamurthy R, Sexson-Tejtel SK, Carberry KE, Watrin CH, Masand P, McKenzie ED, Fraser CD. Standardized approach to patients with anomalous aortic origin of a coronary artery: results from the Coronary Anomalies Program at Texas Children's Hospital. Presented at the American College of Cardiology (ACC) 64th Annual Scientific Session, San Diego, CA. March 2015.

36. Krishnamurthy R, Masand P, Jadhav S, Zhang W, Molossi SM, Sexson-Tejtel SK, McKenzie ED, Fraser CD, **Mery CM**. Diagnostic accuracy of CT angiography for critical pathologic features in anomalous aortic origin of the coronary arteries in children: a comparative study with surgery in a single center. Presented at the American College of Cardiology (ACC) 64th Annual Scientific Session, San Diego, CA. March 2015.
37. Smith BM, Guzman-Pruneda FA, **Mery CM**, Justino H, Qureshi AM, Parekh DR. Use of large diameter stents with maximal expansion limits re-intervention in treatment of native coarctation of the aorta. Presented at the American College of Cardiology (ACC) 64th Annual Scientific Session, San Diego, CA. March 2015.
38. **Mery CM**, Guzman-Pruneda F, Terwelp MD, DeLeon LE, Adachi I, Heinle JS, McKenzie ED, Fraser CD. Late incidence of endocarditis and conduit failure in patients undergoing placement of right ventricular to pulmonary arterial conduits with bovine jugular grafts. Presented at the 2015 Annual Meeting of the American Association of Thoracic Surgery (AATS), Seattle, WA. April 2015.
39. **Mery CM**, Nieto RM, DeLeon LE, Adachi I, Heinle JS, Kane LC, McKenzie ED, Fraser CD. Echocardiography is not a consistent predictor of candidacy for biventricular repair in patients with borderline left heart structures. Presented at the Society of Thoracic Surgeons (STS) 52nd Annual Meeting, Phoenix, AZ. January 2016.
40. Nathan M, Jacobs ML, Gaynor J, Newburger JW, Dunbar Masterson C, Lambert L, Hollenbeck-Pringle D, Trachtenberg F, White OJ, Anderson BR, Bell MC, Burch P, Graham EM, Kaltman JR, Kanter KR, **Mery CM**, Pizarro C, Schamberger MS, Taylor MD, Jacobs JP, Pasquali SK. Completeness and reliability of perioperative variables in local clinical registry data vs research coordinator chart review for children undergoing heart surgery. Presented at the Society of Thoracic Surgeons (STS) 52nd Annual Meeting, Phoenix, AZ. January 2016.
41. Masand P, Jadhav S, Zhang W, Molossi S, **Mery CM**, Krishnamurthy R. Peri-coronary fat sign: A new sign to determine presence and length of intramural course of anomalous aortic origin of the coronary artery (AAOCA). Presented at the International Pediatric Radiology 7th Conjoint Meeting & Exhibition, Chicago, IL. May 2016.
42. Kane LC, DeLeon L, Deaver P, Nelson C, Krishnamurthy R, Parekh D, Heinle J, McKenzie ED, **Mery CM**, Fraser CD. To cath or not to cath? Alternative options in preoperative evaluation for promotion to second stage palliation. Presented at the 42nd Annual Meeting of the Western Thoracic Surgical Association (WTSA), Waikoloa, HI. June 2016.
43. Agrawal H, **Mery CM**, Sexson-Tejtel SK, Fraser CD, McKenzie ED, Qureshi AM, Molossi SM. Familial clustering of cardiac conditions in patients with anomalous aortic origin of coronary arteries and myocardial bridges. Presented at the American Academy of Pediatrics (AAP) National Conference, San Francisco, CA. October 2016.
44. Agrawal H, Carberry KE, Sexson-Tejtel SK, **Mery CM**, Molossi S. Perception of family needs following a diagnosis of congenital coronary anomalies in children: Results of

- a survey. Presented at the American Academy of Pediatrics (AAP) National Conference, San Francisco, CA. October 2016.
45. **Mery CM**, Guzman-Pruneda F, Zhang W, DeLeon LE, Zhang W, Kuo F, Carpenter KL, Stringer LD, Adachi I, Heinle JS, McKenzie ED, Fraser CD Jr, Hanson DS. Incidence and risk factors for development and progression of scoliosis after pediatric cardiothoracic surgery. Presented at the American Academy of Pediatrics (AAP) National Conference, San Francisco, CA. October 2016.
 46. Olive MK, **Mery CM**, Wallace AS, Hill KD, Jacobs JP, Austin EH, Pasquali SK, Jacobs ML, Heinle JS, Penny DJ. Infants with 22q11.2 deletion syndrome undergoing repair of tetralogy of fallot, interrupted aortic arch, and truncus arteriosus have longer hospitalizations and increased rates of infection. Presented at the American Heart Association Scientific Sessions 2016, New Orleans, LA. November 2016. *Circulation* 2016;134:A12201
 47. **Mery CM**, DeLeon LE, Rodriguez JR, Nieto RM, Zhang W, Adachi I, Heinle JS, Kane LC, McKenzie ED, Fraser CD. Effect of congenital gastrointestinal malformations on the outcomes of patients with congenital heart disease. Presented at the Society of Thoracic Surgeons (STS) 53rd Annual Meeting, Houston, TX. January 2017.
 48. **Mery CM**, Chacon-Portillo MA, Zhu H, Dickerson HA, Adachi I, Heinle JS, Kane LC, McKenzie ED, Fraser CD. Is a pulsatile Glenn an adequate alternative for long-term palliation in patients with single ventricle physiology? Presented at the American College of Cardiology 66th Scientific Session, Washington DC. March 2017.
 49. Agrawal H, **Mery CM**, Krishnamurthy R, Sexson-Tejtel SK, Noel C, Masand P, Jadhav S, McKenzie ED, Qureshi AM, Fraser CD, Molossi SM. Stress myocardial perfusion imaging in anomalous aortic origin of a coronary artery: Results following a standardized approach. Presented at the American College of Cardiology 66th Scientific Session, Washington DC. March 2017.
 50. **Mery CM**, DeLeon LE, Molossi SM, Sexson-Tejtel SK, Agrawal H, Krishnamurthy R, Masand PM, McKenzie ED, Fraser CD. Outcomes of surgical intervention for anomalous aortic origin of a coronary artery: a large contemporary prospective cohort study. Presented at the Plenary Session, The American Association of Thoracic Surgery (AATS) 97th Annual Meeting, Boston, MA. April 2017.
 51. DeLeon LE, Heinle JS, McKenzie ED, **Mery CM**, Kane LS, Dryer WJ, Denfield SW, Price JF, Cabrera AG, Fraser CD, Adachi I. Improving outcomes of cardiac transplantation in patients with cavopulmonary connection. Presented at the International Society for Heart and Lung Transplantation (ISHLT) 37th Annual Meeting, San Diego, CA. April 2017.
 52. Beckerman Z, DeLeon LE, **Mery CM**, Binsalamah ZM, and Fraser CD. High risk for infective endocarditis with use of bovine jugular vein valved conduits ("contegra"). Presented at the Congenital Heart Surgeons' Society Annual Meeting, Chicago, IL. October 2017.
 53. Agrawal H, Noel CV, Qureshi AM, Masand P, **Mery CM**, Sexson-Tejtel SK, Fraser CD, Molossi S. Impaired myocardial perfusion on stress cardiovascular magnetic

- resonance imaging correlates with invasive fractional flow reserve in children with anomalous aortic origin of a coronary artery and/or myocardial bridges. Presented at the American Heart Association Scientific Sessions 2017, Anaheim CA. November 2017. *Circulation* 2017;136:A15784.
54. Agrawal H, **Mery CM**, Sami S, Sexson-Tejtel SK, Qureshi AM, Noel CV, Masand P, Fraser CD, Molossi S. Decreased quality of life in patients and families following a diagnosis of anomalous aortic origin of a coronary artery. Presented at the American Heart Association Scientific Sessions 2017, Anaheim CA. November 2017. *Circulation* 2017;136:A15694.
 55. Bashir D, **Mery CM**, Adachi I, Marcus M, Michael M, Vallejo J, Elhoff J, Tal L, Rammel J, Lapin WB, Ruderfer D, DelaUz C, Price J, Savorgnan F, Ramirez A, Bastero P. Case report: ECMO for management of infective endocarditis in systemic lupus erythematosus. Presented at the 13th Annual International Meeting, The Pediatric Cardiac Intensive Care Society, Washington DC. December 2017.
 56. **Mery CM**, Zea-Vera R, Chacon-Portillo MA, Zhu H, Kyle WB, Adachi I, Heinle JS, Kane LC, Fraser CD. Characterizing Outcomes of Isolated and Complex Complete Atrioventricular Septal Defect Repair: An All-Encompassing Experience. Presented at the 54th Annual Meeting of the Society of Thoracic Surgeons, Fort Lauderdale FL. January 2018.
 57. Fraser CD., Adachi I, Chacon-Portillo MA, Zea-Vera R, Heinle JS, **Mery CM**, Kane LC, Cabrera AG, Qureshi A. Evolution of a Mechanical Circulatory Support Program at a Free-standing Children's Hospital. Presented at the 54th Annual Meeting of the Society of Thoracic Surgeons, Fort Lauderdale FL. January 2018.
 58. Elhoff J, Ghanayem N, **Mery CM**, Shekerdemian L, Bastero P. ECMO utilization in neonatal Ebstein anomaly: analysis of the Extracorporeal Life Support Organization database. Presented at Cardiology 2018: 21st Annual Update on Pediatric and Congenital Cardiovascular Disease, Children's Hospital of Philadelphia, Scottsdale AZ. February 2018.
 59. Flores S, Elhoff JJ, Bronicki RA, **Mery CM**, Alsaied T, Alahdab F. Peritoneal dialysis versus standard diuretic regimen in children after congenital cardiac surgery: a systematic review and meta-analysis. Presented at Cardiology 2018: 21st Annual Update on Pediatric and Congenital Cardiovascular Disease, Children's Hospital of Philadelphia, Scottsdale AZ. February 2018.
 60. Chacon-Portillo MA, Mossad EB, Beckerman Z, Zea-Vera R, Binsalamah ZM, Adachi I, **Mery CM**, Imamura M, Heinle JS, Fraser CD. Congenital heart surgery in patients with sickle cell trait on cardiopulmonary bypass: Is exchange transfusion indicated? Presented at the Cardiac of Congenital Anesthesia Society Meeting, Phoenix, AZ. March 2018.
 61. Molossi S, Agrawal H, **Mery CM**, Sexson-Tejtel SK, Zea-Vera R, Qureshi A, Masand P, Noel C, Fraser CD. Intramyocardial coronary arteries in children: Not all are benign but most allow return to exercise. Presented at the American College of Cardiology 2018 Scientific Sessions, Orlando, FL. March 2018.

62. Masand P, Siddhart J, Agrawal H, Noel CV, **Mery CM**, Molossi S. Myocardial bridging in a cohort of pediatric patients with anomalous aortic origin of a coronary artery (AAOCA): “Double whammy”! Presented at the SPR 2018 Annual Meeting & Postgraduate Course, Nashville TN. May 2018.
63. Jegatheeswaran A, Devlin PJ, McCrindle BW, Williams WG, Caldarone CA, DeClamply WM, Gaynor JW, Jacobns ML, Kirklin JK, Lorber RO, **Mery CM**, Molossi S, St. Louis JD, Brothers JA. Anomalous aortic origin of a coronary artery (AAOCA): are we closer to risk stratification? Presented at the American Association for Thoracic Surgery 98th Annual Meeting, San Diego, CA. May 2018.
64. Zea-Vera R, Chacon-Portillo MA, De León LE, **Mery CM**, Heinle JS, Adachi I, Binsalamah ZM, Imamura M, Fraser CD. Potential Benefits of Social Media Applications in Patients with Congenital Heart Disease. Presented at the American College of Surgeons Clinical Congress 2018, Boston, MA. October 2018.
65. Dhillon GS, Ghanayem NS, Broda CR, Lalani SR, **Mery CM**, Shekerdemian LS, Morris SA. A population-based analysis of hospital mortality after congenital heart disease surgery in children with Down syndrome. Presented at the 2018 American Heart Association Scientific Sessions 2018, Chicago, IL. November 2018. *Circulation*. 2018;138:A10546
66. Spigel, Z, Qureshi A, Morris S, **Mery CM**, Sexson-Tektel S, Binsalamah ZM, Imamura M, Heinle JS. Pulmonary atresia with intact ventricular septum and right ventricle dependent coronary circulation: location of coronary obstruction impacts survival. Presented at the 55th Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA. January 2019.
67. Binsalamah ZM, Spigel Z, Ibarra C, Adachi I, **Mery CM**, Imamura M, Heinle JS, Fraser CD. Risk factors for reintervention after isolated subaortic membrane resection. Presented at the 55th Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA. January 2019.
68. Binsalamah ZM, Ibarra C, John R, Spigel Z, Zhu H, Zea-Vera R, Adachi I, Imamura M, Heinle JS, McKenzie ED, Fraser CD, **Mery CM**. Contemporary mid-term outcomes in pediatric patients undergoing vascular ring repair. Presented at the 55th Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA. January 2019.
69. Castellanos DA, Ocampo EC, Gooden A, **Mery CM**, Qureshi A, Heinle JS, Wang Y, Hill GD, Ghanayem NS. Unplanned interstage interventions between Norwood palliation and superior cavopulmonary anastomosis: A report from the National Pediatric Cardiology-Quality Improvement Collaborative. Presented at the 55th Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA. January 2019.
70. Zea-Vera R, Barton KE, Edmunds E, Adachi I, **Mery CM**, Imamura M, Caldarone CA, McKenzie ED, Fraser CD, Heinle JS. Contemporary mid-term outcomes in pediatric patients undergoing pulmonary artery sling repair with or without concomitant tracheal reconstruction. Presented at the American Association for Thoracic Surgery 99th Annual Meeting, Toronto, Canada. May 2019.

71. Binsalamah ZM, Ibarra C, Zea-Vera R, Spigel Z, Zhu H, Adachi I, **Mery CM**, Imamura M, Caldarone CA, Heinle JS, Fraser CD, McKenzie ED. The Ross procedure continues to be the gold standard for pediatric aortic root replacement. Presented at the American Association for Thoracic Surgery 99th Annual Meeting, Toronto, Canada. May 2019.
72. Binsalamah ZM, Spigel Z, Ibarra C, Edmunds E, Caldarone CA, McKenzie ED, Adachi I, Imamura M, Fraser CD, **Mery CM**, Heinle JS. Younger age at operation is associated with reinterventions following the Warden procedure. Presented at the American Association for Thoracic Surgery 99th Annual Meeting, Toronto, Canada. May 2019.
73. Jegatheeswaran A, Devlin PJ, Williams WG, Brothers JA, Jacobs ML, Lorber RO, Mertens L, **Mery CM**, DeCampi WM, Fleishman CE, Caldarone CA, Kirklin JK, Molossi S, McCrindle BW. Is surgical repair of anomalous aortic origin of a coronary artery benign? Presented at the American Association for Thoracic Surgery 99th Annual Meeting, Toronto, Canada. May 2019.
74. Doan T, Wilkinson JC, Agrawal H, Molossi S, Alam M, **Mery CM**, Qureshi AM. Instantaneous wave-free ratio (iFR) correlated with fractional flow reserve (FFR) assessment of coronary artery stenoses in children and young adults. Presented at the Society for Cardiovascular Angiography and Interventions 2019 Scientific Sessions, Las Vegas, NV. May 2019.
75. Binsalamah ZM, Ibarra C, Spigel Z, Zink J, **Mery CM**, Gottlieb E, Fraser CD, Heinle JS. The intraoperative use of recombinant activated factor VII in arterial switch operations. Presented at the Southern Thoracic Surgical Association 66th Annual Meeting, Marco Island, FL. November 2019.
76. Doan T, Zea-Vera R, Agrawal H, **Mery CM**, Masand P, Reaves-O'Neal D, Noel C, Qureshi A, Sexson-Tejtel K, Fraser CD, Molossi SM. Myocardial Ischemia is common in anomalous aortic origin of a coronary artery with intraseptal course. Presented at the American Heart Association (AHA) Scientific Sessions, Philadelphia, PA. November 2019. *Circulation*. 2019;140:A12621
77. Hatoum H, Krishnamurthy R, Parthasarathy J, Flemister D, **Mery CM**, Molossi S, Lakshmi PD. Hemodynamic Assessment of Anomalous Aortic Origin of a Coronary Artery (AAOCA) in Children Using Patient-Specific Flow Models. Presented at the Society for Pediatric Radiology 2020 Annual Meeting and Postgraduate Course, May 2020 (virtual).
78. Parthasarathy J, Hatoum H, Flemister DC, **Mery CM**, Molossi S, Krishnamurthy R. Patient specific 3D-printed modeling for risk stratification in anomalous aortic origin of a coronary artery (AAOCA): material selection, model creation and validation. Presented at the Society for Pediatric Radiology 2020 Annual Meeting and Postgraduate Course, May 2020 (virtual).
79. Nathan M, Levine J, Van Rompay M, Lambert L, Trachtenberg F, Colan S, Adachi I, Anderson B, Bacha E, Eckhauser A, Gaynor W, Graham E, Goot B, Jacobs J, John R, Kaltman J, Kanter K, **Mery CM**, Minich L, Ohye R, Overman D, Pizarro C, Raghuveer G, Schamberger M, Schwartz S, Sivanandam S, Taylor M, Wang K,

- Newburger J. Impact of major residua on outcomes after congenital heart surgery: A prospective multicenter validation of the residual lesion score. Presented at the American Association for Thoracic Surgery 100th Annual Meeting. May 2020 (virtual).
80. Farsiani Y, Parthasarathy J, Molossi S, **Mery CM**, Krishnamurthy R, Dasi LP. Development of predictive model of ischemia in anomalous aortic origin of a coronary artery. Presented at the 2020 Summer Biomechanics, Bioengineering & Biotransport Conference. June 2020 (virtual).
 81. Razavi A, Yeats B, Parthasarathy J, Farsiani Y, Molossi S, **Mery CM**, Krishnamurthy R, Dasi LP. Effect of surgery on coronary flow hemodynamics in children with anomalous aortic origin of a coronary artery (AAOCA): a patient-specific computational study. Presented at the 2020 Summer Biomechanics, Bioengineering & Biotransport Conference. June 2020 (virtual).
 82. Immanuel C, Owens R, Estavillo K, Lavinghousez P, **Mery CM**, Stromberg D. Use of a hemadsorption device during pediatric VV-ECMO. Presented at the Extracorporeal Life Support Organization 31st Annual Conference. September 2020 (virtual).
 83. Well A, Mizrahi M, Johnson G, Patt H, Fraser CD, **Mery CM**, Beckerman Z. Patient characteristics and outcomes at ACHD and non-ACHD centers. Presented at the 30th International Symposium on Adult Congenital Heart Disease, Cincinnati, OH. October 2020 (virtual).
 84. Well A, Mizrahi M, Johnson G, Patt H, Fraser CD, **Mery CM**, Beckerman Z. Distance to adult congenital heart disease providers and centers. Presented at the 30th International Symposium on Adult Congenital Heart Disease, Cincinnati, OH. October 2020 (virtual).
 85. Beckerman Z, Well A, Mizrahi M, Johnson G, Patt H, Fraser CD, **Mery CM**. Hospitalizations of patients with adult congenital heart disease. Presented at the 30th International Symposium on Adult Congenital Heart Disease, Cincinnati, OH. October 2020 (virtual).
 86. Hatoum H, Krishnamurthy R, Parthasarathy J, **Mery CM**, Molossi S, Dasi L. Patient-specific hemodynamic assessment of anomalous aortic origin of a coronary artery in children. Presented at the 2020 Biomedical Engineering Society Annual Meeting. October 2020 (virtual).
 87. Wilkes JK, Doan T, O'Neal DR, Bonilla-Ramirez C, Sachdeva S, Masand P, **Mery C**, Binsalamah Z, Caldarone C, McKenzie ED, Molossi SM. Clinical presentation and medium-term outcomes in anomalous aortic origin of the left coronary artery: High-risk features beyond interarterial course. Presented at the American Heart Association 2020 Scientific Sessions, Dallas, TX. November 2020 (virtual). *Circulation* 2020;142(Suppl 3):A15115.
 88. Doan T, Bonilla-Ramirez C, Sachdeva S, Wilkes JK, Reaves-O'Neal DR, Noel CV, Masand P, **Mery CM**, Binsalamah Z, Caldarone CA, McKenzie ED, Molossi SM. Myocardial ischemia in anomalous aortic origin of a right coronary artery: Medium-term follow-up in a large prospective cohort. Presented at the American Heart

- Association 2020 Scientific Sessions, Dallas, TX. November 2020 (virtual). *Circulation* 2020;142(Suppl 3):A13007.
89. **Mery CM**, Well A, Beckerman Z, Gottlieb EA, Holt BD, Stromberg D, Krauklis KA, Morton L, Denison RB, McCullum E, Fraser CD. An integrated heart center model improves outcomes after congenital heart surgery. Presented at the American Heart Association 2020 Scientific Sessions, Dallas, TX. November 2020 (virtual). *Circulation* 2020;142(Suppl 3):A14639.
 90. Well A, Stromberg D, Mizrahi M, Fraser CD, **Mery CM**, Beckerman Z. Prevalence and risk factors for aspirin non-responsiveness in children with congenital heart disease. Presented at the 16th Annual International Meeting of the Pediatric Cardiac Intensive Care Society. December 2020 (virtual).
 91. Mercado A, Well A, Lamari-Fisher A, Mizrahi M, Johnson G, Patt H, Fraser CD, **Mery CM**, Beckerman Z. Burden of mental health diagnoses in hospitalizations in adults with congenital heart disease in the state of Texas: A 10-year review. Presented at the 2021 American College of Cardiology (ACC) Annual Meeting. May 2021 (virtual).
 92. Farsiani Y, Parthasarathy J, Molossi S, **Mery CM**, Razavi A, Dasi LP, Krishnamurthy R. Biomechanical flow modeling using patient-specific 3D printed models for surgical decision-making in anomalous aortic origin of the coronary arteries (AAOCA). Presented at the 2021 American College of Cardiology (ACC) Annual Meeting. May 2021 (virtual).
 93. Doan TT, Sachdeva S, Bonilla-Ramirez C, Reaves-O'Neal D, Masand PM, Krishnamurthy R, Jadhav S, **Mery CM**, Binsalamah Z, Molossi S. Surgical repair of anomalous aortic origin of a coronary artery (AAOCA) in children: post-operative high-risk anatomic features on CT angiography in a prospective cohort. Presented at the 2021 American College of Cardiology (ACC) Annual Meeting. May 2021 (virtual).
 94. Taylor K, Mizrahi M, McCullum E, **Mery CM**, Fraser CD. Longitudinal follow up challenges in congenital heart disease outcomes. Presented at the 48th Annual Congenital Heart Surgeons Society (CHSS) Meeting, Chicago, IL. October 2021.
 95. Subramanian S, Binsalamah Z, Gottlieb E, **Mery CM**. All-autologous repair of late-presenting aortic arch Interruption. Presented at the 48th Annual Congenital Heart Surgeons Society (CHSS) Meeting, Chicago, IL. October 2021.
 96. Dawson C, Wallace S, Teisberg E, Born C, Well A, Carberry K, Holt DB, Gottlieb E, Fraser CD, **Mery CM**. Understanding the cost of case conference in congenital heart disease. Presented at the American Academy of Pediatrics (AAP) Experience 2021, Philadelphia, PA. October 2021.
 97. Taylor K, Well A, Mercado A, Reilly S, Whipple H, Spence C, Barnhill B, Krauklis K, Van Diest H, **Mery CM**, Lamari-Fisher A. Prevalence and risk factors for developmental delay in congenital heart disease patients. Presented at the American Academy of Pediatrics (AAP) Experience 2021, Philadelphia, PA. October 2021.
 98. Taylor K, Well A, Ulack C, Van Diest H, Geis A, Barnhill B, Carberry K, Colucci J, Stewart E, Affolter J, Wallace S, Teisberg E, Fraser CD, **Mery CM**. Unique lived experiences of siblings of individuals with single-ventricle congenital heart disease.

- Presented at the American Academy of Pediatrics (AAP) Experience 2021, Philadelphia, PA. October 2021.
99. Du B, Hanes M, Wang L, Cramer C, Mahoney J, Dillingham C, Affolter J, **Mery CM**, Stewart E. Using human-centered design to improve discharge planning for patients with single-ventricle congenital heart disease during the interstage period. Presented at the American Academy of Pediatrics (AAP) Experience 2021, Philadelphia, PA. October 2021.
 100. Schukei S, Stanley T, Sommerdof L, Cervenka-Click P, Golder D, Hauger S, Mizrahi M, Well A, Morton L, **Mery CM**, Fraser CD, Beckerman Z. An integrated Heart Center's quality improvement project to improve surgical site infection. Presented at the 2021 Society of Thoracic Surgeons (STS) Advanced in Quality and Outcomes (AQO): A Data Managers Meeting. October 2021 (virtual).
 101. Taylor K, Well A, Mercado A, Reilly S; Whipple H, Spence C, Barnhill B, Krauklis K, Van Diest H, **Mery CM**, Lamari-Fisher, A. Risk factors for developmental delay in congenital heart disease patients following surgery. Presented at the American Heart Association (AHA) Scientific Sessions 2021, Boston, MA. November 2021.
 102. Well A, Ilangovan S, Mercado A, Dawson C, Mizrahi M, Patt H, Johnson G, Fraser CD, **Mery CM**, Beckerman Z. Statewide pregnancy outcomes for adolescents and adults with single-ventricle congenital heart disease – A 14-year review. Presented at the American Heart Association (AHA) Scientific Sessions 2021, Boston, MA. November 2021.
 103. Well A, Taylor K, Ulack C, Carberry K, Colucci J, Stewart E, Affolter J, Wallace S, Teisberg E, Fraser CD, **Mery CM**. Unique lived experiences of partners of individuals living with single-ventricle congenital heart disease – A pilot investigation. Presented at the American Heart Association (AHA) Scientific Sessions 2021, Boston, MA. November 2021.
 104. Peterson L, Mizrahi M, Well A, Lamari-Fisher A, Johnson G, Patt H, **Mery CM**, Fraser CD, Beckerman Z. Mental health and substance abuse patterns within the adult congenital heart disease population. Presented at the American Heart Association (AHA) Scientific Sessions 2021, Boston, MA. November 2021.
 105. Well A, Dawson C, Johnson G, Patt H, Fraser CD, **Mery CM**, Beckerman Z. Hospitalizations of children and adults with hypoplastic left heart syndrome in Texas from 2009 -2019. Presented at the Southern Thoracic Surgical Association (STSA) Meeting, Atlanta, GA. November 2021.
 106. Well A, Morgan J, Affolter J, Stewart E, Gottlieb E, Fraser CD, **Mery CM**. Outcomes after Norwood operation are not associated with family distance from operating center. Presented at the American College of Cardiology (ACC) 70th Annual Scientific Session & Expo. December 2021.
 107. Ilangovan S, Well A, Castleberry C, Beckerman Z, **Mery CM**, Fraser CD, Binsalamah Z. Pediatric implantable ventricular assist devices in the state of Texas: A 14-year review. Accepted for presentation at the International Society for Heart and Lung

- Transplantation (ISHLT) 42nd Annual Meeting and Scientific Sessions. Boston, MA. April 2022.
108. Well A, Mizrahi M, Johnson G, Patt H, **Mery CM**, Fraser CD, Beckerman Z. Breadth and outcomes of adult aortic and aortic valve operations in a congenital heart surgery practice. Presented at the 2022 American Association for Thoracic Surgery (AATS) Aortic Symposium, Boston MA. May 2022.
 109. Mikulski MF, Well A, **Mery CM**, Johnson G, Mizrahi, M, Fraser CD, Beckerman Z. Characteristics and trends of patients with Marfan syndrome undergoing cardiac and thoracic aortic procedures in the state of Texas from 2009-2019. Presented at the 2022 American Association for Thoracic Surgery (AATS) Aortic Symposium, Boston, MA. May 2022.
 110. Mikulski MF, Well A, **Mery CM**, Johnson G, Gottlieb E, Fraser CD, Beckerman Z. Outcomes of thoracic aortic interventions in Marfan syndrome patients in the state of Texas from 2009-2019. Presented at the 2022 American Association for Thoracic Surgery (AATS) Aortic Symposium, Boston, MA. May 2022.
 111. **Mery CM**, Taylor K, Well A, Carberry K, Colucci J, Ulack C, Zeiner A, Mizrahi M, Stewart E, Dillingham C, Cook T, Hartounian A, McCullum E, Affolter JT, Van Diest H, Lamari-Fisher A, Chang S, Wallace S, Teisberg E, Fraser CD. The Challenging Lives of Individuals and Families Affected by Single-Ventricle Congenital Heart Disease: Lessons Learned. Presented at the 2022 American Academy of Pediatrics (AAP) National Conference, Anaheim, CA. October 2022.
 112. Mikulski MF, Well A, Subramanian S, Fraser CD, **Mery CM**, Lion RP. Pericardial effusions after the arterial switch operation: a review of the Pediatric Health Information System database. Presented at the Congenital Heart Surgeons' Society 49th Annual Meeting, Chicago, IL. October 2022.
 113. Dawson C, Wallace S, Teisberg E, Born C, Well A, Carberry K, Holt DB, Gottlieb E, Fraser CD, **Mery CM**. Understanding the cost of case conference in congenital heart disease. Presented at the Congenital Heart Surgeons' Society 49th Annual Meeting, Chicago, IL. October 2022.
 114. Subramanian S, Wright K, Fraser CD, **Mery CM**. A case of superior sinus venosus atrial septal defect associated with ostial atresia of the right coronary artery and coronary-cameral fistulae. Presented at the Congenital Heart Surgeons' Society 49th Annual Meeting, Chicago, IL. October 2022.
 115. Howsmon DP, Colman K, Arienamo I, Mikulski MF, Lion RP, Patel R, **Mery CM**, Stromberg D. Elimination of noise and sensor drifts in pediatric pressure transducers for the prediction of central venous catheter-related thrombosis events. Presented at the 2022 American Institute of Chemical Engineers Annual Meeting, Phoenix, AZ. November 2022.
 116. Lion RP, Mikulski MF, Linero A, Stromberg D, Colman K, Fraser CD, Affolter A, **Mery CM**. Understanding the hemodynamic response to blood transfusions utilizing high-fidelity realtime telemetry after the arterial switch operation. Presented at the

- Pediatric Cardiac Intensive Care Society 18th Annual International Meeting, Miami, FL. December 2022.
117. Kelleher E, Whipple H, Barnes H, Lamari-Fisher A, Affolter J, **Mery CM**, Adair A. Nursing education of neurodevelopmentally appropriate cue-based cares of infants with critical congenital heart disease. Presented at the Pediatric Cardiac Intensive Care Society 18th Annual International Meeting, Miami, FL. December 2022.
 118. Mikulski MF, Well A, Shmorhun D, Estevez S, Fraser CD, **Mery CM**, Feinrich A. Pacemaker management and outcomes of neonatal congenital atrioventricular block: A review of the Pediatric Health Information System Database. Presented at the 72nd Annual Scientific Session of the American College of Cardiology Together with World Congress of Cardiology, New Orleans, LA. March 2023.
 119. Mikulski MF, Iyer S, Well A, Subramanian S, **Mery CM**, Owens R, Glass LD, Castleberry CD, Fraser CD. Successful explanation of children from the Berlin Heart EXCOR ventricular assist device: A systematic review. Presented at the International Society for Heart and Lung Transplantation (ISHLT) 43rd Annual Meeting and Scientific Sessions, Denver, CO. April 2023.
 120. Mikulski MF, **Mery CM**, Well A, Venardos N, Fraser CD. The journey of becoming a congenital heart surgeon: Too long, too expensive, too unpredictable. Presented at the American Association for Thoracic Surgery 103rd Annual Meeting, Los Angeles, CA. May 2023.
 121. Mikulski MF, Well A, Shmorhun D, **Mery CM**, Beckerman Z, Fenrich A, Fraser CD. Impact of pediatric cardiac electrophysiologist participation in daily multidisciplinary rounds: a prospective study. Presented at the Heart Rhythm Society, New Orleans, LA. May 2023.
 122. Glass LD, Philip SS, Owens R, Thompson A, **Mery CM**, Fraser CD, Castleberry CD. Hemodynamic ramp studies in continuous flow ventricular assist device in Fontan patients: a case series. Poster presentation at American Society for Artificial Internal Organs 68th Annual Conference, San Francisco, CA. June 2023.
 123. Barr SM, Well A, Morton L, Fraser CD, **Mery CM**, Affolter JT. Physical Therapy Assessment in Post-Congenital Heart Surgery Clinic Identifies Needs Not Appreciated at Time of Discharge. Presented at the 2023 American Academy of Pediatrics (AAP) National Conference & Exhibition, Washington, DC. October 2023.
 124. Molossi S, Carberry K, Brothers J, Nathan M, Newburger J, Lamari-Fisher A, Well A, Modi H, Philip S, McCullum E, Hasbani K, Solis A, Garrison J, Medeiros K, Olivastra E, **Mery CM**. The uncertain journey for parents of children with anomalous aortic origin of a coronary artery. Presented at the 2023 American Academy of Pediatrics (AAP) National Conference & Exhibition, Washington, DC. October 2023.
 125. Molossi S, Carberry K, Brothers J, Nathan M, Newburger J, Lamari-Fisher A, Well A, Modi H, Philip S, McCullum E, Hasbani K, Solis A, Garrison J, Medeiros K, Olivastra E, **Mery CM**. Engaging community partners in patient-centered AAOCA research: taking the time! Presented at the 2023 American Academy of Pediatrics (AAP) National Conference & Exhibition, Washington, DC. October 2023.

126. Schuman-McCoy J, Modi H, Philip S, Cortez D, Van Diest H, Well A, Ilangovan S, **Mery CM**, Stewart E. Heartbreak to Hope: Exploring the Needs of Parents in Fetal Cardiac Care. Presented at the 2023 American Academy of Pediatrics (AAP) National Conference & Exhibition, Washington, DC. October 2023.
127. McCullum E, Carberry K E; Molossi S; **Mery CM**, Newburger J, Brothers JA, Hasbani K; Nathan M. Methodology of Advancing Research in Coronary Anomalies by Community. Presented at the 2023 PCORI Annual Meeting, Washington, DC. October 2023.
128. Subramanian S, Jani S, Guthrie M, Mikulski MF, Wright K, Venardos N, Agrawal H, **Mery CM**, Holt BD, Fraser CD. Revisiting the role of balloon atrial septostomy prior to the arterial switch operation. Presented at the Southern Thoracic Surgical Association 70th Annual Meeting. November 2023.
129. Well A, Mercado A, Reilly, Van Diest H, **Mery CM**, Lamari-Fisher A. Burden of depression, anxiety, and stress in a congenital heart surgery clinic. Presented at the 8th World Congress of Pediatric Cardiology and Cardiac Surgery, Washington, DC. August 2023.
130. Mikulski MF, Howsmon DP, Fraser CD, **Mery CM**, Lion RP. Trajectory mapping patient hemodynamics after the arterial switch operation using dynamic principal component analysis. Presented at the 8th World Congress of Pediatric Cardiology and Cardiac Surgery, Washington, DC. August 2023.
131. Barr SM, Well A, Whipple H, Nowland J, Baker Aubrey, Fontana R, Krauklis K, Morton L, Fraser CD, **Mery CM**, Affolter JT. Walking to the beat of your own drum: the 6-minute walk test in congenital heart surgery. Presented at the 8th World Congress of Pediatric Cardiology and Cardiac Surgery, Washington, DC. August 2023.
132. Mikulski MF, **Mery CM**, Gutierrez-Sauceda A, Stromberg D, Fraser CD, Well A. The true cost of heart-center multidisciplinary morning report using time-driven activity-based costing. Presented at the 8th World Congress of Pediatric Cardiology and Cardiac Surgery, Washington, DC. August 2023.
133. Well A, Johnson G, Venardos NV, **Mery CM**, Fraser CD. Excellent outcomes in adult congenital heart surgery at a free-standing children's hospital – a complex yet achievable endeavor. Presented at the 8th World Congress of Pediatric Cardiology and Cardiac Surgery, Washington, DC. August 2023.
134. Estevez-Cerda S, Mikulski MF, Well A, Gutierrez-Sauceda A, Schuman-McCoy J, **Mery CM**, Fraser CD. Cardiac surgery outcomes in patients with trisomy 18. Presented at the 8th World Congress of Pediatric Cardiology and Cardiac Surgery, Washington, DC. August 2023.
135. Mikulski MF, Well A, Gough C, Wesson DE, **Mery CM**, Fraser CD. Cardiac pathology does not correlate with degree of abdominal anatomic manifestations in dextrocardia and heterotaxy patients. Presented at the 8th World Congress of Pediatric Cardiology and Cardiac Surgery, Washington, DC. August 2023.
136. Philip SS, Ilangovan S, Well A, Mikulski MF, **Mery CM**, Glass LD, Castleberry CD. Orthotopic heart transplantation in pediatric Marfan syndrome patients: a review of

- the Pediatric Health Information System database. Presented at the 8th World Congress of Pediatric Cardiology and Cardiac Surgery, Washington, DC. August 2023.
137. Mikulski MF, Modi H, Well A, Carberry K, Dillingham C, Fraser CD, Stewart E, **Mery CM**. Unraveling the interstage period: parental experiences with single-ventricle congenital heart disease. Presented at the 8th World Congress of Pediatric Cardiology and Cardiac Surgery, Washington, DC. August 2023.
 138. Medeiros K, Garrison J, Solis A, Olivastro E, Modi H, Carberry K, Lamari-Fisher A, Philip S, Well A, McCullum E, Hasbani K, Nathan M, Brothers J, Newburger, Parridon, Molossi S, **Mery CM**. The impact of participating in patient-centered AAOCA research: a parents' perspective. Presented at the 8th World Congress of Pediatric Cardiology and Cardiac Surgery, Washington, DC. August 2023.
 139. Howsmon DP, Mikulski MF, Colman K, Fraser CD, **Mery CM**, Stromberg D. Detecting central venous catheter occlusions with alterations in venous pressure waveforms. Presented at the 8th World Congress of Pediatric Cardiology and Cardiac Surgery, Washington, DC. August 2023.
 140. Affolter JT, Morrison J, Gottlieb EA, Holt BD, Stromberg D, McCullum E, Well A, Fraser CD, **Mery CM**. Improving outcomes through rapid-cycle, interdisciplinary, and collaborative quality improvement in a new congenital heart center. Presented at the 8th World Congress of Pediatric Cardiology and Cardiac Surgery, Washington, DC. August 2023.
 141. Modi H, Gutierrez A, Well A, **Mery CM**, Gottlieb, Fraser. Does elevated BMI impact surgical outcomes in congenital heart surgery patients? a retrospective study. Presented at the 50th Annual Congenital Heart Surgeons Society Meeting, Boston, MA. October 2023.
 142. **Mery CM**. Repair of anomalous aortic origin of a coronary artery: How I do it. Presented at the 50th Annual Congenital Heart Surgeons Society Meeting, Boston, MA. October 2023.
 143. Well A, Van Diest H, Zhang W, Carberry K, Lamari-Fisher A, Affolter JT, Holt DB, Gottlieb EA, Jacobs J, Fraser CD, **Mery CM**. The impact of neighborhood and individual social drivers of health on outcomes following congenital heart surgery – a Society of Thoracic Surgeons Congenital Heart Surgery Database analysis. Presented at the 60th Annual Meeting of the Society of Thoracic Surgeons, San Antonio TX. January 2024.
 144. O'Connor M, Well A, Morgan J, Liu M, Josephs M, Venardos N, Fraser CD, **Mery CM**. Management and outcomes of acute appendicitis in children with congenital heart disease. Presented at the Children's Hospital of Philadelphia Cardiology 2024 Conference, Scottsdale, AZ. February 2024.
 145. Stauber C, Well A, Dawson-Gore C, Mizrahi M, Fraser CD, **Mery CM**, Stromberg D. Prevalence and risk factors for aspirin non-responsiveness in children with congenital heart disease. Presented at the Children's Hospital of Philadelphia Cardiology 2024 Conference, Scottsdale, AZ. February 2024.

146. Jani, S, Well A, **Mery CM**, Fraser CD, Conway C, Auth M, Owens R, Venardos N. The Fate of the vessels: management of cannulated vessels following cervical extracorporeal membrane oxygenation. Presented at the 62nd AmSECT International Conference, New Orleans, LA. March 2024.
147. Loftin M, Owens R, Denison B, Fisher D, Purdy S, Rosten K, **Mery CM**, Fraser CD. Arterial cannula selection for pediatric congenital heart surgery using patient derived data. Presented at the 62nd AmSECT International Conference, New Orleans, LA. March 2024.
148. Hoyos ME, Well A, Van Diest H, Morris M, Lopez H, Carberry K, Johnson, GL, Fraser CD, **Mery CM**, Lamari-Fisher A. Navigating life with single ventricle congenital heart disease: psychosocial needs across adulthood. Presented at the Congenital Heart Disease in the Adult Annual Conference, Skamania, WA. May 2024.
149. O'Connor M, Well A, Fenrich A, Venardos N, Shmorhun D, **Mery CM**, Fraser CD. Incidence and short-term outcomes of complete atrioventricular block after congenital heart surgery. Presented at Heart Rhythm 2024, Boston, MA. May 2024.
150. Hassan S, Well A, Shmorhun D, **Mery CM**, Fraser CD, Venardos N, Fenrich A. Exploring pediatric arrhythmias beyond conventional timeline through extended cardiac ambulatory monitoring. Presented at Heart Rhythm 2024, Boston, MA. May 2024.
151. O'Connor M, Khanal D, Affolter J, **Mery CM**, Fraser CD, Liu M. Identifying factors associated with 30-day readmission following congenital heart surgery. Presented at the Pediatric Acute Care Cardiology Collaborative Meeting, Dallas, TX. May 2024.
152. Stauber CE, Well A, Stewart E, Dillingham C, McCoy J, Modi H, Fraser CD, **Mery CM**. Understanding the Psychosocial Impact of Congenital Heart Disease in the Outpatient Setting. Accepted for Presentation at the 2024 American Academy of Pediatrics (AAP) National Conference & Exhibition, Orlando, FL. September 2024.
153. Alton A, Well A, Stromberg D, Affolter J, Lamari-Fisher A, Fraser CD, **Mery CM**. Barriers to successful patient and family communication in a cardiac care unit. Accepted for Presentation at the 2024 American Academy of Pediatrics (AAP) National Conference & Exhibition, Orlando, FL. September 2024.
154. Stauber C, Well A, Stewart E, Dillingham C, McCoy J, Modi H, Fraser Jr. CD, **Mery CM**. Understanding the Psychosocial Impact of Congenital Heart Disease in the Outpatient Setting. Oral Presentation. American Academy of Pediatrics, Orlando FL, September 2024
155. Lim T, Well A, **Mery CM**, Ding Y. LLM-powered Coding and Summarization of Transcripts for Patient-Centered Qualitative Cardiac Research. Poster Presentation. Peds Cardio AI Conference, Austin TX, September 2024
156. O'Connor M, Hughes C, Stauber C, Venardos VM, Fraser Jr. CD, **Mery CM**, Well A. The Fate of The Left Atrioventricular Valve After Atrioventricular Septal Defect Repair: Long-term Outcomes. Oral Presentation. Congenital Heart Surgeon's Society, Chicago IL, October 2024

157. Hoyos ME, Well A, Patt H, O'Connor M, McCullum E, Venardos N, **Mery CM**, Fraser Jr. CD. Beyond 30 Days: Evaluating the Feasibility of Long-Term Mortality Surveillance in Congenital Heart Surgery Patients. Poster Presentation. Congenital Heart Surgeon's Society, Chicago IL, October 2024
158. O'Connor M, Adler JT, Venardos NM, Fraser Jr. CD, **Mery CM**, Well A. Liver Transplant Outcomes in Patients with Congenital Heart Disease and Biliary Atresia. What do we know about them? Oral Presentation. American College of Surgeons, San Francisco CA, October 2024
159. O'Connor M, Adler JT, Taylor MD, Venardos NM, Fraser Jr. CD, **Mery CM**, Well A. Kidney Transplantation in Congenital Heart Disease Patients: What are the Outcomes? Oral Presentation. American College of Surgeons, San Francisco CA, October 2024
160. Stauber CE, Well A, Jani S, Morgan J, Venardos VM, **Mery CM**, Fraser Jr. CD. Planning the Chess Game: Injury During Repeat Sternotomy. Oral Presentation. Southern Thoracic Surgical Association, Austin TX, November 2024
161. O'Connor M, **Mery CM**, Venardos NM, Agrawal H, Fraser Jr. CD, Well A. Incidence and outcomes of pericardial effusion after congenital heart surgery. Poster Presentation. Southern Thoracic Surgical Association, Austin TX, November 2024
162. O'Connor M, Stauber C, Hughes C, Venardos NM, Fraser Jr. CD, **Mery CM**, Well A. Second Chances: Outcomes of Left Atrioventricular Valve Re-intervention following initial repair of atrioventricular septal defect. Oral Presentation. American Heart Association Scientific Session, Chicago IL, November 2024
163. Modi H, Jani S, O'Connor M, Patt H, Lamari-Fisher A, Van Diest H, **Mery CM**, Fraser Jr. CD, Well A. Bullying behavior in children with congenital heart disease: key findings from the national survey of children's health. Poster Presentation. American Heart Association Scientific Session, Chicago IL, November 2024
164. Stauber C, Well A, Stewart E, Dillingham C, Schuman-McCoy J, Mahan A, Chinta S, Do G, Wang C, Isada S, Fraser Jr. CD, **Mery CM**. Unlocking value: revealing the hidden cost of outpatient interstage care. Poster Presentation. American Heart Association Scientific Session, Chicago IL, November 2024
165. Sachdev K, Well A, Philip S, Adair A, Fraser Jr. CD, **Mery CM**, Keith L, Venardos NM. Examining the role of screening preoperative head ultrasounds in congenital heart surgery planning. Oral Presentation. Pediatric Cardiac Intensive Care Society, San Diego, CA, November 2024
166. Barr SM, Well A, Modi H, Davis K, Souza M, Krauklis K, Morton L, Fraser Jr. CD, **Mery CM**, Affolter JT. Prioritizing multidisciplinary collaboration and education leads to successful transition to patient centered sternal precaution. Poster Presentation. Pediatric Cardiac Intensive Care Society, San Diego, CA, November 2024.
167. O'Connor M, Hoyos ME, Stauber CE, Balde M, Ponce S, Well A, **Mery CM**, Venardos NM, Fraser Jr. CD, Arnaotakis G. Current trends of research productivity among I-6 cardiothoracic surgery match candidates. Oral Presentation. Society of Thoracic Surgeons, Los Angeles, CA, January 2025.

168. O'Connor M, Lu Z, Jani S, Hasbani K, **Mery CM**, Well A. Trends in Congenital Heart Disease Births Throughout the Year. Poster Presentation. American College of Cardiology, Chicago IL, March 2025.
169. O'Connor M, Stauber C, Benardos NM, **Mery CM**, Fraser Jr. CD, Well A. Truncal Valve Reintervention after Truncus Arteriosus Repair: Multi-Institutional Insight. Poster Presentation American Association of Thoracic Surgeons, Seattle, WA, May 2025.

Regional and Local

1. **Mery CM**, Moffett BS, Khan MS, Zhang W, Guzman FA, Fraser CD, Cabrera AG. Incidence and Treatment of chylothorax after cardiac surgery in children: analysis of a large multi-institutional database. Presented at the Texas Children's Hospital 2013 Edmond T. Gonzales, Jr. Surgical Research Day, Houston, TX. May 2013.
2. **Mery CM**, Lopez KN, Lawrence SM, Fraser CD, Cantor SB. Decision analysis for anomalous aortic origin of a coronary artery (AAOCA). Presented at the Texas Children's Hospital 2013 Edmond T. Gonzales, Jr. Surgical Research Day, Houston, TX. May 2013.
3. **Mery CM**, Lawrence SM, Chen DW, Khan MS, Krishnamurthy R, McKenzie ED, Fraser CD. Outcomes of surgical and non-surgical treatment of patients with anomalous aortic origin of a coronary artery. Presented at the Texas Children's Hospital 2013 Edmond T. Gonzales, Jr. Surgical Research Day, Houston, TX. May 2013.
4. **Mery CM**, Khan MS, Verm R, Guzman-Pruneda FA, Adachi I, Heinle JS, McKenzie ED, Fraser CD. Contemporary results of anatomic repair for recurrent aortic coarctation. Presented at the Texas Children's Hospital 2014 Surgical Research Day, Houston, TX. May 2014.
5. **Mery CM**, Khan MS, Verm R, Guzman-Pruneda FA, Adachi I, Heinle JS, McKenzie ED, Fraser CD. Contemporary results of anatomic repair for recurrent aortic coarctation. Presented at the Texas Children's Hospital 2014 Surgical Research Day, Houston, TX. May 2014.
6. **Mery CM**, Guzman-Pruneda FA, Chan JG, Adachi I, Heinle JS, McKenzie ED, Fraser CD. Complete autologous aortic arch reconstruction ("Aortic Arch Advancement"). Presented at the Texas Children's Hospital 2014 Surgical Research Day, Houston, TX. May 2014.
7. **Mery CM**, Lawrence SM, Krishnamurthy R, Carberry KE, Sexson-Tejtel K, Watrin CH, Reaves DL, Masand P, McKenzie ED, Fraser CD. Anomalous aortic origin of a coronary artery: Towards a standardized approach. Presented at the Baylor College of Medicine Cardiovascular Research Institute 2nd Annual Symposium, Houston, TX. March 2014; and at the Texas Children's Hospital 2014 Surgical Research Day, Houston, TX. May 2014.
8. Krishnamurthy R, **Mery CM**, Masand P, Lawrence SM, Sexson-Tejtel SK, Carberry KE, Watrin CH, Reaves DL, McKenzie ED, Fraser CD. Computerized tomography in

the diagnosis of anomalous aortic origin of a coronary artery: Correlation with surgical findings. Presented at the Baylor College of Medicine Cardiovascular Research Institute 2nd Annual Symposium, Houston, TX. May 2014.

9. Navarro SM, DeLeon LE, Nieto RM, **Mery CM**. Characterizing necrotizing enterocolitis in patients with congenital heart disease. Presented at the 16th Annual Henry J.N. Taub/James K. Alexander Medical Student Research Symposium, Houston, TX. March 2016.
10. Fraser CD, Heinle JS, Adachi I, Chacon-Portillo MA, Zea-Vera R, **Mery CM**, Kane LC, Cabrera AG, Qureshi AM. Ventricular assist device support in children: Experience at Texas Children's Hospital in the last two decades. Presented at the Texas Surgical Society, San Antonio, TX. October 2017.
11. Berry AE, Elhoff JJ, Guffey D, Watrin C, Heinle JS, Anderson M, **Mery CM**, Ghanayem NS. Factors associated with readmissions in infants following congenital heart surgery. Presented at the Texas Children's Hospital Pediatrics Research Day. Houston, TX, April 2019.
12. Kiernan A, Mrudang M, Keren H, Manel RK, **Mery CM**. Computational Modeling of Anomalous Aortic Origin of Coronary Arteries (AAOCA). Presented at the Texas Chapter of American College of Cardiology (TCACC) 2019 Annual Meeting. San Antonio, TX, October 2019.
13. Well A, Mizrahi M, Johnson G, Patt H, Gottlieb E, Fraser CD, **Mery CM**, Beckerman Z. Cholecystectomy in adult congenital heart disease patients. Presented at the 2021 Texas Surgeons Summit – Joint Virtual Meeting with North and South Texas ACS Chapters. February 2021 (virtual).
14. Mizrahi M, Well A, Johnson G, Patt H, Gottlieb E, Fraser CD, **Mery CM**, Beckerman Z. 10-year comparison of pulmonary valve interventions in the Texas ACHD population. Presented at the 2021 Surgeons Summit – Joint Virtual Meeting with North and South Texas ACS Chapters. February 2021 (virtual).
15. Dawson C, Well A, Fraser CD, **Mery CM**, Beckerman Z. Evaluating variation in preoperative care for children undergoing atrial or ventricular septal defect repair. Presented at the 4th Annual Department of Surgery and Perioperative Care Research Symposium, Dell Medical School at The University of Texas at Austin, Austin TX. April 2021 (virtual).
16. Mercado A, Well A, Fraser CD, **Mery CM**, Beckerman Z., Lamari-Fisher A. Burden of mental health diagnoses in hospitalizations in adults with congenital heart disease in the State of Texas: A 10-year review. Presented at the 4th Annual Department of Surgery and Perioperative Care Research Symposium, Dell Medical School at The University of Texas at Austin, Austin TX. April 2021 (virtual).
17. Mizrahi M, Well A, Fraser CD, **Mery CM**, Beckerman Z. 10-Year comparison of pulmonary valve interventions in the Texas adult congenital heart disease population. Presented at the 4th Annual Department of Surgery and Perioperative Care Research Symposium, Dell Medical School at The University of Texas at Austin, Austin TX. April 2021 (virtual).

18. Well A, Carberry K, Mikulski M, Teisberg E, Wallace S, Andrews A, McCullum E, Fraser CD, **Mery CM**. A novel fellowship combining congenital heart surgery and value-based health care. Presented at the 2021 Dell Med Educational Innovation, Research and Awards Symposium. Dell Medical School at The University of Texas at Austin, Austin, TX. October 2021.
19. Kallina K, Gaither M, Meier H, Upadhyaya R, **Mery CM**, Sakiyama-Elbert S, Uecker J. Training Physician Innovators: Integrating Experiential Biodesign Opportunities into Undergraduate Medical Education. Presented at the 2021 Dell Med Educational Innovation, Research and Awards Symposium. Dell Medical School at The University of Texas at Austin, Austin, TX. October 2021.
20. Mikulski MF, Well A, **Mery CM**, Johnson G, Gottlieb E, Fraser CD, Beckerman Z. Outcomes of thoracic aortic interventions in Marfan syndrome patients in the state of Texas from 2009-2019. Accepted for presentation at the 2022 South Texas Chapter of the American College of Surgeons (ACS) Annual Meeting, Houston TX. February 2022.
21. Fraser CD, **Mery CM**, Holt DB, Krauklis K, McCullum E, Stromberg D, Affolter J, Gottlieb E, Well A, Owens WR, Brown D, Born C. Development of a dedicated pediatric and congenital heart center V3: the Texas Center for Pediatric and Congenital Heart Disease. Presented at The Texas Surgical Society 2022 Fall Meeting, Dallas, TX. October 2022.
22. Estevez S, Mikulski MF, Well A, Gutierrez-Sauceda A, Fraser CD, **Mery CM**, Beckerman Z. Thoracic Aortic and Aortic Valve Intervention Outcomes in Adults with Turner Syndrome in Texas from 2009-2019. Presented at Texas Chapter of American College of Surgeons. November 2022.
23. Philip SS, Ilangovan S, Well A, Mikulski MF, **Mery CM**, Glass LD, Castleberry CD. Orthotopic heart transplantation in pediatric Marfan syndrome patients: A review of the Pediatric Health Information System database. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2023.
24. Ponce-Rivera S, Subramanian S, Gutierrez-Sauceda A, Vernardos N, **Mery CM**. Surgical repair in an infant with Ebstein's anomaly and a ventricular septal defect. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2023.
25. Mikulski MF, Howsmon DP, Fraser CD, **Mery CM**, Lion RP. Trajectory mapping patient hemodynamics after the arterial switch operation using dynamic principal component analysis. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2023.
26. Mikulski MF. **Mery CM**, Gutierrez-Sauceda A, Stromberg D, Fraser CD, Well A. The true cost of heart-center multidisciplinary morning report using time-driven activity-based costing. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2023.
27. Mikulski MF, Linero A, Stromberg D, Affolter JT, Fraser CD, **Mery CM**, Lion RP. Analysis of hemodynamic parameters surrounding blood transfusions utilizing high-

- fidelity realtime telemetry. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2023.
28. Mikulski MF, Well A, Shmorhun D, **Mery CM**, Fraser CD, Fenrich AL. Pacemaker management and outcomes in neonatal congenital atrioventricular block. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2023.
 29. Mikulski MF, Well A, Shmorhun D, **Mery CM**, Beckerman Z, Fenrich A, Fraser CD. Influence of cardiac electrophysiologists at daily multidisciplinary morning report in a pediatric cardiac care unit. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2023.
 30. Mikulski MF, Iyer S, Well A, Subramanian S, **Mery CM**, Owens WR, Glass LD, Castleberry CD, Fraser CD. Successful explantation of children from the Berlin Heart EXCOR ventricular assist device: a systematic review. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2023.
 31. Mikulski MF, Well A, Gough C, Wesson DE, **Mery CM**, Fraser CD. Cardiac pathology does not correlate with degree of abdominal anatomic manifestations in dextrocardia and Heterotaxy patients. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2023.
 32. Mikulski MF, **Mery CM**, Gutierrez-Sauceda A, Stromberg D, Fraser CD, Well A. The true cost of heart center multidisciplinary morning report using time-driven activity-based costing. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2023.
 33. Stauber C, Well A, Dawson-Gore C, Mizrahi M, Fraser CD, **Mery CM**, Stromberg D. Prevalence and risk factors for aspirin non-responsiveness in children with congenital heart disease. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2024.
 34. Schuman-McCoy J, Modi H, Philip S, Dagoberto C, Van Diest H, Well A, Ilangovan S, **Mery CM**, Stewart E. From heartbreak to hope: exploring the needs of parents in fetal cardiac care. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2024.
 35. Hassan S, Well A, Shmorhun D, **Mery CM**, Fraser CD, Venardos N, Fenrich A. Exploring pediatric arrhythmias beyond conventional timeline through extended cardiac ambulatory monitor. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2024.
 36. Jani S, **Mery CM**, Patt H, Stromberg D, Holt DB, Fraser CD, Well A. Effect of COVID-19 Pandemic on preventive care utilization among children with congenital heart disease in the us: insights from NSCH data. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2024.
 37. Philip, SS, Jani S, Glass LD, **Mery CM**, Fraser CD, Castleberry C. Varicella zoster virus infections following pediatric heart transplantation: a review of the pediatric health information system (phis) database. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2024.

38. Philip, SS, Jani S, Glass LD, **Mery CM**, Fraser CD, Castleberry C. Outcomes of pediatric heart transplantation recipients with cocaine-use Donors: A Review of the United Network for Organ Sharing (UNOS) Research Database. Presented at University of Texas Department of Pediatrics Research Symposium, Austin, TX. April 2024.
39. Jani S, Well A, **Mery CM**, Fraser CD, Conway C, Auth M, Owens R, Venardos N. The Fate of the Vessels: Management of cannulated vessels following cervical extracorporeal membrane oxygenation. Presented at 7th Annual Research Symposium, Austin, TX. April 2024.
40. O'Connor M, Adler J, Taylor M, Venardos N, Shmorhun D, **Mery CM**, Fraser CD. Kidney transplantation in congenital heart disease patients: what are the outcomes? Presented at 7th Annual Research Symposium, Austin, TX. April 2024.
41. O'Connor M, Well A, Morgan J, Liu M, Josephs M, Venardos N, Fraser CD, **Mery CM**. Management and outcomes of acute appendicitis in children with congenital heart disease. Presented at 7th Annual Research Symposium, Austin, TX. April 2024.
42. O'Connor M, Well A, Fenrich A, Venardos N, Shmorhun D, **Mery CM**, Fraser CD. Incidence and short-term outcomes of complete atrioventricular block after congenital heart surgery. Presented at 7th Annual Research Symposium, Austin, TX. April 2024.
43. Stauber C, Well A, Stewart E, Dillingham C, McCoy J, Modi H, Fraser CD, **Mery CM**. Understanding the psychosocial impact of congenital heart disease in the outpatient setting. Presented at 7th Annual Research Symposium, Austin, TX. April 2024.
44. Stauber C, Well A, Jani S, Morgan J, Venardos N, **Mery CM**, Well A. Planning the chess game: injury during repeat sternotomy. Presented at 7th Annual Research Symposium, Austin, TX. April 2024.

Invited Presentations

International

1. Beyond the Hippocratic Oath: Alternative career pathways in medicine. Surgical Innovation]. Discussion Panel, ITESM Medical School, Monterrey, Mexico. October 2008.
2. [Contemporary treatment of the most common congenital heart defects]. XVI Asamblea Mexicana de Pediatría, Mexico City, Mexico. July 2014
3. [Cardiac surgery: past, present, and future]. Congreso Salud 360, ITESM Medical School, Monterrey, Mexico. April 2016.
4. [Acute Failing Fontan]. 5th Congreso Nacional, Asociación Mexicana de Especialistas en Cardiopatías Congénitas A.C., Monterrey, Mexico. September 2016.
5. [Aortic arch reconstruction in the newborn]. 5th Congreso Nacional, Asociación Mexicana de Especialistas en Cardiopatías Congénitas A.C., Monterrey, Mexico. September 2016.

6. [Surgical considerations in the management of double outlet right ventricle]. Sesión Estatutaria, Asociación Mexicana de Especialistas en Cardiopatías, Mexico City, Mexico. January 2017.
7. [Contemporary surgical management of Tetralogy of Fallot]. 5° Curso Internacional de Anestesiología Cardioracica, Vascular, Ecocardiografía y Circulación Extracorpórea, Sociedad Mexicana de Anestesiólogos Cardiorácicos, Mexico City, Mexico. May 2017.
8. [Surgical management of transposition of the great arteries]. 5° Curso Internacional de Anestesiología Cardioracica, Vascular, Ecocardiografía y Circulación Extracorpórea, Sociedad Mexicana de Anestesiólogos Cardiorácicos, Mexico City, Mexico. May 2017.
9. [Contemporary management of the most common congenital heart diseases]. Sesión Académica, Colegio de Pediatría de Nuevo León, Monterrey, Mexico. June 2017.
10. [Surgical options for management of heart failure in children]. IV Congreso Internacional de Cardiología – Fundación Abbod Shaio, Bogotá, Colombia, September 2017.
11. [Contemporary management of tetralogy of Fallot]. IV Congreso Internacional de Cardiología – Fundación Abbod Shaio, Bogotá, Colombia, September 2017.
12. [Coronary anomalies and sudden cardiac death]. IV Congreso Internacional de Cardiología – Fundación Abbod Shaio, Bogotá, Colombia, September 2017.
13. [Acute failing Fontan]. IV Congreso Internacional de Cardiología – Fundación Abbod Shaio, Bogotá, Colombia, September 2017.
14. [Diagnosis and management of the borderline left heart]. Curso de Actualización en Cardiopatías Congénitas 2018– Texas Children’s Hospital / Asociación Mexicana de Especialistas en Cardiopatías Congénitas (AMECC) / Fundación Kardias, San Miguel de Allende, Mexico, February 2018.
15. [Surgical management of transposition of the great arteries]. Curso de Actualización en Cardiopatías Congénitas 2018– Texas Children’s Hospital / Asociación Mexicana de Especialistas en Cardiopatías Congénitas (AMECC) / Fundación Kardias, San Miguel de Allende, Mexico, February 2018.
16. [Doing residency in the United States: myths and realities]. Tecnológico de Monterrey. Monterrey, Mexico, April 2018.
17. [Contemporary management of the most common congenital heart diseases]. 50 Congreso Nacional de Pediatría, Confederación Nacional de Pediatría de México. Acapulco, Mexico, May 2018.
18. [Surgical and perioperative management of neonatal patients with congenital heart disease]. Neonatology Grand Rounds. Tecnológico de Monterrey Medical School, Monterrey, MX, June 2020 (virtual).
19. [Discussion Panel on Medical Training]. Virtual Rounds, Tecnológico de Monterrey Medical School, Monterrey, MX, August 2020 (virtual).

20. Keynote Panel Session: Enabling Relationship-Centric Care. International Consortium for Health Outcomes Measurement (ICHOM) Virtual Congress. November 2020 (virtual).
21. Management of the newborn with critical aortic stenosis]. International Virtual Congress of Pediatric Cardiology and Cardiovascular Surgery. Unicar Fundación Aldo Castañeda, Guatemala. May 2021 (virtual).
22. [Diagnosis and Management of the Borderline Left Heart]. Simposium Internacional de Cardiología Neonatal 2021, Hermosillo, Mexico. October 2021 (virtual).
23. Project Corage: Redesigning single-ventricle congenital heart disease, Value Institute of Health Care Summit. May 2022 (virtual).
24. Surgical repair of anomalous aortic origin of a coronary artery (AAOCA). 17th Chinese Association of Cardiovascular Surgeons (CAVCS) Meeting. October 2022 (virtual).
25. Surgical interventions for anomalous aortic origin of a coronary artery. 23rd World University for Pediatric and Congenital Heart Surgery Webinar. December 2022 (virtual).
26. Co-Chair, Webinar on coronary anomalies - Part 2. 23rd World University for Pediatric and Congenital Heart Surgery Webinar. December 2022 (virtual).
27. Anomalous aortic origin of a coronary artery (AAOCA). American Association for Thoracic Surgery (AATS) Global Grand Rounds Webinar. January 2023 (virtual).
28. [Inspiring the Present, Transforming the Future, and Honoring our Legacy]. Keynote Address – 45th Anniversary, Tecnológico de Monterrey Medical School. Monterrey, MX, November 2023.
29. [Multidisciplinary Management of Congenital Heart Disease.] AMPATH/MAPAS México Monthly Seminar. The University of Texas at Austin, Dell Medical School, Division of Global Health, Department of Population Health, Austin, TX. February 2024 (virtual).
30. [Surgical considerations in the management of anomalous aortic origin of a coronary artery]. Grand Rounds, Fundación Cardioinfantil, Bogota, Colombia. February 2024 (virtual).
31. [Vascular rings and tracheobronchial compression]. Pediatrics Grand Rounds, Tecnológico de Monterrey, Monterrey, Mexico. February 2024 (virtual).
32. [Surgical intervention for critical congenital heart disease]. Critical congenital heart disease review course 2024. Genomi-K. Mexico. April 2024 (virtual).
33. Presenter. Inspirational Leadership in Health. TecSalud Medical Convention 2025 - Science and Health in Evolution. Cancun, Mexico. August 2025.

National

1. Training surgical innovators: Early experience with the Stanford Surgical Innovation Program. 93rd Annual Clinical Congress, American College of Surgeons (ACS), New Orleans, LA. October 2007.

2. Surgical innovation skills. 92nd Annual Meeting of the American Association for Thoracic Surgery (AATS), San Francisco, CA. April 2012.
3. Cardiothoracic surgery: Innovation and history. Society of Thoracic Surgeons (STS) 50th Annual Meeting, Looking into the Future Program, Orlando, FL. January 2014.
4. Pediatric Clinical Chest Rounds. Expert discussant. American Thoracic Society (ATS) International Conference 2014, San Diego, CA. May 2014.
5. Cardiothoracic surgery: Innovation and history. Society of Thoracic Surgeons (STS) 51st Annual Meeting, Looking into the Future Program, San Diego, CA. January 2015.
6. Congenital heart disease in Mexico: Building programs and changing paradigms. The Pediatric Cardiac Intensive Care Society (PCICS) 11th International Meeting, The BioScience Research Collaborative at Rice University, Houston, TX. December 2015.
7. Cardiothoracic surgery: Innovation and history. Society of Thoracic Surgeons (STS) 52nd Annual Meeting, Looking into the Future Program, Phoenix, AZ. January 2016.
8. The ACGME fellowship in congenital cardiac surgery: the graduate's perspective. American Association for Thoracic Surgery (AATS) 96th Annual Meeting, AATS/STS Congenital Heart Disease Symposium: *Respecting Our Past; Embracing Our Future*, Baltimore, MD. May 2016.
9. Coronary translocation technique for AAOCA. American Association for Thoracic Surgery (AATS) 96th Annual Meeting, Baltimore, MD. May 2016.
10. Surgical strategies for AAOCA. 3rd Symposium on Coronary Artery Anomalies 2016, Texas Children's Hospital/The Children's Hospital of Philadelphia, Philadelphia, PA. September 2016.
11. Debate: Asymptomatic patients with anomalous RCA should not undergo intervention. 3rd Symposium on Coronary Artery Anomalies 2016, Texas Children's Hospital/The Children's Hospital of Philadelphia, Philadelphia, PA. September 2016.
12. Common surgeries for repair/palliation of CHD. 14th Society for Pediatric Radiology (SPR) Hands-On Course on Pediatric Cardiovascular MRI, Texas Children's Hospital, Houston, TX. October 2016.
13. Standardized approach to AAOCA management. 12th Society for Pediatric Radiology (SPR) Advanced Symposium on Cardiovascular Imaging, Texas Children's Hospital, Houston, TX. October 2016.
14. Case presentation and discussion of AAOCA. 12th Society for Pediatric Radiology (SPR) Advanced Symposium on Cardiovascular Imaging, Texas Children's Hospital, Houston, TX. October 2016.
15. Cardiothoracic surgery: Innovation and history. Society of Thoracic Surgeons (STS) 53rd Annual Meeting, Looking into the Future Program, Houston, TX. January 2017.
16. Pediatric Congenital II Session. Moderator. Society of Thoracic Surgeons (STS) 53rd Annual Meeting, Houston, TX. January 2017.

17. Management of anomalous aortic origin of a coronary artery. Cases & Controversies in Cardiovascular Disease, University of Virginia, Williamsburg, VA, September 2017.
18. Panelist Decision making in complex situations: We are going to do the following... Cardiology 2018: 21st Annual Update on Pediatric and Congenital Cardiovascular Disease, Children's Hospital of Philadelphia, Scottsdale AZ. February 2018.
19. Extracardiac malformations and their influence in surgical outcomes. Cardiology 2018: 21st Annual Update on Pediatric and Congenital Cardiovascular Disease, Children's Hospital of Philadelphia, Scottsdale AZ. February 2018.
20. Anomalous aortic origin of a coronary artery: surgical perspective (Keynote Speaker). 2018 New England Congenital Cardiology Association (NECCA) Annual Conference, Westbrook, CT. October 2018.
21. Discussant. Correcting a rare congenital anomaly in an adult – a case report. Southern Thoracic Surgical Association 65th Annual Meeting and Exhibition, Amelia Island, FL. November 2018.
22. 2018 year in review: Summary of new technologies and major research – Congenital. Society of Thoracic Surgeons Tech-Con 2019, San Diego, CA. January 2019.
23. Panelist. Value proposition for MRI in complex 2-ventricle repair. 15th Society for Pediatric Radiology (SPR) Advanced Symposium in Pediatric Cardiovascular Imaging, Nationwide Children's Hospital, Columbus, OH. October 2019.
24. New insight into AAOCA. 15th Society for Pediatric Radiology (SPR) Advanced Symposium in Pediatric Cardiovascular Imaging, Nationwide Children's Hospital, Columbus, OH. October 2019.
25. Panelist. Discussion of branch pulmonary artery evaluation in single ventricle disease. 15th Society for Pediatric Radiology (SPR) Advanced Symposium in Pediatric Cardiovascular Imaging, Nationwide Children's Hospital, Columbus, OH. October 2019.
26. Panelist. Percutaneous pulmonary valve implantation in repaired tetralogy of fallot. 15th Society for Pediatric Radiology (SPR) Advanced Symposium in Pediatric Cardiovascular Imaging, Nationwide Children's Hospital, Columbus, OH. October 2019.
27. Moderator and Session Co-Developer. MyTube: Congenital Video and Expert Panel Session. Society of Thoracic Surgeons 56th Annual Meeting, New Orleans, LA. January 2020.
28. Moderator. Complex heart diseases in neonates and infants. American Association for Thoracic Surgery (AATS) 100th Annual Meeting, New York, NY. April 2020.
29. Blalock-Taussig-Thomas shunt in tetralogy of fallot: why, when, and in whom. American Academy of Pediatrics (AAP) 2020 Virtual National Conference and Exhibition, October 2020 (virtual).

30. Enabling high value transformation. Healthcare Financial Management Association – Michigan Great Lakes Chapter and the Value Institute for Health and Care, The University of Texas at Austin Dell Medical School and McCombs School of Business. February 2021 (virtual).
31. Truncus arteriosus: Surgical repair. 2021 Virtual Annual Meeting, Congenital Cardiac Anesthesia Society. March 2021 (virtual).
32. GiGi Playhouse, Round table discussion with Cardiac Surgery Team Experts, University of Texas at Austin, Dell Medical School. June 2021 (virtual).
33. Anomalous aortic origin of a coronary artery: The landscape of techniques and current outcomes. 6th Annual Advances in Congenital Heart Disease Summit - New Tracks in the Management of Congenital Heart Disease, Cleveland Clinic Foundation, Cleveland OH. October 2021 (virtual).
34. Invited guest. Value-based health care intensive seminar. Harvard Business School. January 2022 (virtual).
35. [Heart Failure: Mechanical Support]. [The different faces of heart failure] Virtual Webinar, Congenital Cardiac Anesthesia Society. January 2022 (virtual).
36. Moderator. Focus on congenital surgical challenges session. Society of Thoracic Surgeons 2022 Virtual Annual Meeting. January 2022 (virtual).
37. Surgical interventions for coronary anomalies. 2022 American Academy of Pediatrics (AAP) National Conference, Anaheim, CA. October 2022.
38. Surgery and AAOCA outcomes – True relation or mere coincidence? 5th Symposium on Coronary Artery Anomalies 2022, Houston, TX. December 2022.
39. CARE Collaborative – Initial results of PCORI engagement award. 5th Symposium on Coronary Artery Anomalies 2022, Houston, TX. December 2022.
40. Surgical approach for interarterial AAOCA – unroofing. 5th Symposium on Coronary Artery Anomalies 2022, Houston, TX. December 2022.
41. Moderator. Living with AAOCA. 5th Symposium on Coronary Artery Anomalies 2022, Houston, TX. December 2022.
42. Moderator. Leveling the playing field: Optimizing results across all congenital heart surgery Programs. 59th Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA. January 2023.
43. Moderator. The cutting edge in the treatment of congenital heart disease: Innovation and technology. 59th Annual Meeting of the Society of Thoracic Surgeons, San Diego, CA. January 2023.
44. Moderator. Young investigators abstract presentations and awards. American Academy of Pediatrics 2023 National Conference and Exhibition, Washington, DC. October 2023.
45. Comprehensive Management of Anomalous Aortic Origin of a Coronary Artery. Primary Children's Hospital, Salt Lake City, UT. October 2023.

46. Moving Beyond Survival: Transforming the Lifelong Journey with Congenital Heart Disease. Heart Center Grand Rounds, Primary Children's Hospital, Salt Lake City, UT. October 2023.
47. Moderator. Complex Neonatal Surgery and Neurologic Outcomes. 60th Annual Meeting of the Society of Thoracic Surgeons, San Antonio, TX. January 2024.
48. Panelist. Sudden Cardiac Death in Youth – Keeping the Beat in Every Heart! National Coronary Anomalies Foundation. February 2024 (virtual).
49. Reimplantation versus unroofing for anomalous aortic origin of a coronary artery. 104th Annual Meeting of the American Association for Thoracic Surgery, Toronto, Canada. April 2024.
50. Moderator and Presenter. Surgical Intervention in AAOCA, Surgical Techniques in Intramural AAOCA. Sixth Symposium on Coronary Artery Anomalies 2024, Houston, TX. December 2024.
51. Moderator. Congenital Masterclass – Part I: Pulmonary Artery Disease. 105th Annual Meeting of the American Association for Thoracic Surgery. Seattle, WA. May 2025.
52. Moderator. Congenital Complex and high Risk Case Discussions. 105th Annual Meeting of the American Association for Thoracic Surgery. Seattle, WA. May 2025.

Regional and Local

1. Stanford Biodesign Surgical Innovation Program. Surgery Grand Rounds, Stanford University, Stanford, CA. June 2006.
2. Stanford Biodesign Surgical Innovation Program. Palo Alto Rotary, Palo Alto, CA. August 2006.
3. Surgical innovation: From bedside to bench to bedside. Surgery Grand Rounds, West Roxbury VA Hospital, Boston, MA. January 2009.
4. Surgical innovation: From bedside to bench to bedside. Surgery Grand Rounds. Brigham and Women's Hospital / Harvard Medical School, Boston, MA. May 2009.
5. The Norwood Procedure: A surgical perspective. Texas Children's Hospital Quarterly Cardiac Nursing Session, Houston, TX. July 2012.
6. Anomalous aortic origin of the coronary arteries. Texas Children's Hospital Heart Center Quality Forum, Houston, TX. January 2013.
7. Pediatric cardiovascular surgery: A look behind the scenes. Keep the Beat Conference 2013, Houston, TX. February 2013.
8. Congenital Heart Surgery. Houston Pediatric Surgery Core Curriculum Conference, Houston, TX. April 2013.
9. Anomalous aortic origin of the coronary arteries. Texas Children's Hospital Pediatric Cardiovascular Anesthesia Conference, Houston, TX. April 2013.

10. Pediatric cardiac surgery: Behind the scenes. Texas Children's Hospital Nursing Series on Principles and Management of Congenital Cardiac Conditions, Houston, TX. August 2013.
11. The Norwood procedure: A surgical perspective. Texas Children's Hospital Nursing Series on Principles and Management of Congenital Cardiac Conditions, Houston, TX. September 2013.
12. Decision analysis modeling for anomalous aortic origin of a coronary artery. Texas Children's Hospital Symposium on Congenital Coronary Anomalies 2013, Houston, TX. December 2013.
13. Assessment and management of patients with anomalous aortic origin of a coronary artery: The TCH approach. Texas Children's Hospital Symposium on Congenital Coronary Anomalies 2013, Houston, TX. December 2013.
14. Anomalous aortic origin of the coronary arteries (AAOCA). Texas Children's Hospital Pediatric Cardiology Core Curriculum Lecture, Houston, TX. January 2014.
15. Introduction to pediatric cardiac surgery. Presented to the St. Agnes Academy students, Texas Children's Hospital, Houston, TX. January 2014.
16. Pediatric cardiac surgery: Behind the scenes. Texas Children's Hospital Advance Practice Providers (APP) Conference 2014, Houston, TX. February 2014.
17. Epstein's Anomaly/TAPVR. Texas Children's Hospital Critical Care Fellows Lecture, Houston, TX. June 2014.
18. Congenital heart disease in Mexico. Baylor College of Medicine/Texas Children's Global Health Initiative, Foundations in Global Health Lecture Series, Houston, TX. November 2014.
19. Decision-making in anomalous aortic origin of a coronary artery. Texas Children's Hospital Symposium on Coronary Artery Anomalies 2014, Houston, TX. December 2014.
20. Update on surgical options for heart failure in children. Baylor College of Medicine 10th Current Trends in Aortic, Cardiac and General Thoracic Surgery Conference, Houston, TX. May 2015.
21. Pediatric cardiac surgery: Behind the scenes. University of Houston American Medical Student Association, Houston, TX. September 2015.
22. Surgical approach to ventricular septal defects (VSD). Texas Children's Hospital Pediatric Cardiovascular Anesthesia Conference, Houston, TX. September 2015.
23. Ebstein's anomaly/truncus arteriosus. Texas Children's Hospital Critical Care Fellows Lecture, Houston, TX. June 2016.
24. Cardiac surgery. Presented at Camp Cardiac – Houston for High School Students, University of St. Thomas, Houston, TX. July 2016.
25. Surgical treatment of endocarditis. Texas Children's Hospital Critical Care Quality Forum, Texas Children's Hospital, Houston, TX. September 2016.

26. Coronary anomalies and sudden cardiac death in athletes. Texas Children's Hospital, Department of Surgery, The Cutting Edge of Pediatrics Conference, Houston, TX. January 2017.
27. Experiences in international health. Baylor College of Medicine/Texas Children's Hospital Global Health Initiatives, Foundations in Global Health Lecture Series, Houston, TX. April 2017.
28. Cardiac surgery. Presented at Camp Cardiac – Houston for High School Students, University of St. Thomas, Houston, TX. July 2017.
29. Preoperative imaging targets in congenital heart disease: surgeon's perspective. Fundamentals of Pediatric Cardiovascular CT and MR imaging 2018, Texas Children's Hospital, Houston, TX. February 2018.
30. Coronary anomalies and sudden cardiac death. Baylor College of Medicine 6th Annual Cardiovascular Research Institute (CVRI) Symposium, Baylor College of Medicine, Houston, TX. April 2018.
31. Panelist. What's your specialty? Envision National Youth Leadership Forum, University of Houston, Houston, TX. June 2018.
32. Introduction to cardiothoracic surgery. The University of Texas at Austin Alpha Phi Sigma Society, Austin, TX. October 2018.
33. Discussant. Congenital heart disease care. Workshop: Measuring what matters. Value Institute for Health and Care, The University of Texas at Austin Dell Medical School and McCombs School of Business, Austin, TX. October 2018.
34. Anomalous aortic origin of a coronary artery. Fraser Rounds, Dell Children's Medical Center, Austin, TX. October 2018.
35. Aortic arch hypoplasia and aortic coarctation. Fraser Rounds, Dell Children's Medical Center, Austin, TX. October 2018.
36. The Norwood procedure. Dell Children's Medical Center, Austin, TX. October 2018.
37. Anomalous aortic origin of a coronary artery: Surgical intervention and outcomes. Symposium on Coronary Artery Anomalies 2018, Houston, TX. December 2018.
38. Panelist. Surgery career exploration night for medical students. The University of Texas Dell Medical School, Austin, TX. February 2019.
39. Moderator. 2nd Annual Department of Surgery and Perioperative Care Research Symposium. University of Texas Dell Medical School, Austin, TX. March 2019.
40. Discussant. Congenital heart disease care. Workshop: Measuring what matters. Value Institute for Health and Care, The University of Texas at Austin Dell Medical School and McCombs School of Business, Austin, TX. June 2019.
41. Redesigning the care journey of patients with single ventricle heart disease. Heart Center Research Conference, Dell Children's Medical Center, Austin, TX. September 25, 2019.

42. Discussant. Congenital heart disease care. Workshop: Measuring what matters. Value Institute for Health and Care, The University of Texas at Austin Dell Medical School and McCombs School of Business, Austin, TX. November 2019.
43. Discussant. Congenital heart disease care. Workshop: Measuring what matters. Value Institute for Health and Care, The University of Texas at Austin Dell Medical School and McCombs School of Business, Austin, TX. February 2020.
44. Anomalous right coronary artery. Austin Structural Heart Society, Austin, TX. March 2020.
45. Discussant. Congenital heart disease care. Workshop: Measuring what matters. Value Institute for Health and Care, The University of Texas at Austin Dell Medical School and McCombs School of Business, Austin, TX. September 2020 (virtual).
46. The Health Transformation & Design Program: Redesigning the care of patients with congenital heart disease. Dell Pediatric Research Institute Seminar. The University of Texas at Austin Dell Medical School Department of Pediatrics. Austin, TX. September 2020 (virtual).
47. Improving lives of children: Value-based perspectives on pediatric care. Value Institute for Health and Care, The University of Texas at Austin Dell Medical School and McCombs School of Business. Austin, TX. October 2020 (virtual).
48. Clinical Innovation and Design. Graduate Medical Education Grand Rounds. Dell Medical School at The University of Texas at Austin, Austin TX. April 2021.
49. Discussant. Congenital heart disease care. Workshop: Measuring what matters. Value Institute for Health and Care, The University of Texas at Austin Dell Medical School and McCombs School of Business, Austin, TX. September 2021 (virtual).
50. Marfan syndrome in children and infantile Marfan. Regional Marfan Symposium, The Marfan Foundation and Dell Medical School at The University of Texas at Austin, Austin, TX. April 2024.

Patents and Patent Applications

Mery CM , Shafi B, Binyamin G, Connor JA, White J. System to prevent airway obstruction. US Patent Application No. 11/607,669; PCT/US2006/046028.	12/06
Shafi B, Mery CM , Liao Q. Polymeric heart restraint. US Patent Application No. 11/707,348; PCT/US2007/004216.	02/07
Shafi B, Sanchez G, Mery CM , Binyamin G, Connor J. Suturing apparatus for closing tissue defects. US Patent Application No. 11/833,963.	08/07

Devices/Software Applications

- Suturing apparatus for closing laparoscopic trocar sites** 2005 – 2007
Creation of a device to facilitate closure of the fascial wounds after laparoscopic surgery.
Prototype developed and tested in humans.
- Polymeric heart restraint** 2005 – 2007
Development of a biodegradable polymer that would restrain and support the heart for improvement of cardiac function in patients with heart failure.
Polymeric prototype developed and technology licensed by Stanford University to a start-up company.
- System to prevent airway obstruction in obstructive sleep apnea** 2005 – 2007
Development of a memory-shaped tongue implant to prevent obstruction of the airway by the tongue in patients with obstructive sleep apnea.
Prototype developed and ex vivo testing performed.
- Integrated electrocardiographic lead** 2016
Project with Texas A&M engineering students to develop a single large lead that could be placed on the back of small patients and able to create an adequate electrocardiographic reading.
Prototype developed.
- Intelligent pulmonary artery band** 2016 – 2017
Project with 2 cardiology fellows and a Rice University civil engineering lab to develop an adjustable pulmonary artery band using memory-shape alloys and electrical actuation.
Prototype developed.