

CURRICULUM VITAE

KARLA G. CHRISTIAN

ADDRESS:

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Education:

June 1981 University of Washington, Seattle, WA
Bachelor of Science (Mathematics), cum laude

June 1985 University of Washington, Seattle, WA
Doctor of Medicine, with honors

Post-Graduate Training:

June 1985-1986 Internship in General Surgery, University of Washington Medical Center
Seattle, WA

July 1986 - 1987 Resident in General Surgery, University of Washington Medical Center
Seattle, WA

July 1987 - 1988 Senior Research Fellow in Plastic Surgery, University of Washington
Medical Center
Seattle, WA

July 1988 - 1990 Resident in General Surgery, Vanderbilt University Medical Center
Nashville, TN

July 1990 - 1991 Chief Resident in General Surgery, Vanderbilt University Medical Center
Nashville, TN

July 1991 - 1993 Resident in Cardiac and Thoracic Surgery, Vanderbilt University Medical
Center
Nashville, TN

July 1993 - 1994 Chief Resident in Cardiac and Thoracic Surgery, Vanderbilt University
Medical Center
Nashville, TN

Licensure:

- 1986 State of Washington (Certificate #24347 exp. 2/21)
- 1994 State of Tennessee (Certificate #25715 exp. 2/29/23)
- 2005 State of Michigan (Certificate #4301086931 exp. 1/22)
- 2018 State of New Mexico (Certificate #2018-0121 exp: 07/01/18)
- 2019 Louisiana State Board of Medical Examiners, State of Louisiana
(Certificate #311858 exp: 2/28/20)

Certification:

- 1993 American Board of Surgery (Certificate #38357 recertification exp. 7/1/13)
Diplomate
- 1995 American Board of Thoracic Surgery (Certificate #5724 recertification exp. 12/31/25)
Diplomate
- 2012 The American Board of Thoracic Surgery Congenital Heart Surgery Subspecialty
Certification (Certificate #0126 recertification exp. 12/31/32)
Diplomate

Academic Appointments:

- July 1994-2002 Assistant Professor, Department of Cardiac and Thoracic Surgery
Vanderbilt University Medical Center
Nashville, TN
- October 2002- Associate Professor, Department of Cardiac and Thoracic Surgery
Vanderbilt University Medical Center
Nashville, TN
- 2004- Associate Chief of Pediatric Cardiac Surgery
Vanderbilt University Medical Center
Nashville, TN

Hospital Appointments

- July 1994 - Vanderbilt University Medical Center
Nashville, TN
- July 1994 – 2009 Veterans Administration Hospital
Nashville, TN

Professional Organizations:

Alpha Omega Alpha, University of Washington
H. William Scott, Jr. Society, Vanderbilt University
American Heart Association
Nashville Surgical Society
Fellow, American College of Surgeons
Southern Thoracic Surgical Association
Society of Thoracic Surgeons
Southeastern Surgical Congress
Congenital Heart Surgeons Society
Canby Robinson Society, Board of Directors
Women in Thoracic Surgery

Professional Activities:

Intramural:

Pediatric Surgery Committee	1995-2002
Computerized Order Entry, Surgical Steering Committee	1996-1997
Blood Utilization Review Committee	1996-2002
Pediatric Cardiac Surgery DRG108 Committee, co-chair	1999-2002
Cardiac Surgery DRG109, Efficiency & Effectiveness workgroup, co-chair	2000-2002
Medical Student Education Committee, Council of Subspecialties	2002-2004
Thoracic Surgery Department Chair Search Committee	2003
Pediatric Credentialing Sub-Committee, Children's Hospital	2003-2006
Associate Residency Director, Thoracic Surgery	2003-2004
Director of Congenital Cardiac Surgery Education	2004-present
Pediatric OR Value Analysis Committee, Chair	2004-2007
Pediatric Pulmonary Medicine Director Search Committee	2006-2007
Resident MOC Orals	2017-2020
Time Out Task Force	2017
EpicLeap Ambassador/Champion	2017
CT Surgery SSI Workgroup	2017-2020
MRSA Prevention Bundle Workgroup	2018
Evaluating Intern Skills Session Global Assessment	2019
Diversity Officer	2019
Finance/Coding Efficiency Officer	2020

Extramural:

Thoracic Surgery Directors Association –In-Training Exam Committee	2012
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Abstract Reviewer

2003	Society of Thoracic Surgeons
2008	Society of Thoracic Surgeons
2009	Society of Thoracic Surgeons

Ad hoc Journal Reviewer

2018 World Journal for Pediatric and Congenital Heart Surgery
2020 World Journal for Pediatric and Congenital Heart Surgery

Other Professional Activities

Media Credits

Jan 2008 NBC Nightly News w/Brian Williams. Martin Savage reporting. "Heart to Heart with Iraqi Girl"
Feb 2008 The Tennessean "Iraqi Girl's Tiny Heart 'much happier' after Surgery"
Feb 2008 NBC Nightly News w/Brian Williams. Martin Savage reporting. "Two year old Amenah, Iraqi heart patient, has successful surgery"
Feb 2008 ABC Good Morning America featured medical story-line. "Marines Help Heal Girl's Broken Heart". February 17, 2008
March 2008 XM Radio "Reach MD" Featured Surgeon, 4 segments.
March 2008 The Tennessean, "Tiny Tot will Return to Iraq with Fixed Heart, Family's Love"
March 2008 NBC Nightly News Brian Williams. Martin Savage reporting. "Amenah Returns Home"
March 2008 The New York Times, "Toddler returns to Iraq After Life-Saving Surgery"
March 2008 WSMV-TV, Nashville TN. News telecast of personal "Presidential Recognition" from President George Bush regarding Iraq toddler life-saving surgery

International

1999 Visiting Cardiac Surgeon, American Heart Institute, Cyprus
2017 Medical Mission, Tenwek, Bomet Kenya
2019 Medical Mission, Tenwek, Bomet Kenya
2020 Medical Mission, Tenwek, Bomet Kenya

Awards and Honors:

1980 Phi Beta Kappa, University of Washington
1980 Mortar Board, University of Washington
1984 Alpha Omega Alpha, University of Washington
1985 Janet M. Glasgow Memorial Citation, AMWA
2005-2021 America's Top Doctors
2006 Nashville Lifestyles Magazine Top Doctors
2008 Nashville Lifestyles Magazine Top Doctors
2008 Presidential Personal Thanks and Recognition
2009 America's Top Surgeons
2011 Nashville Lifestyles Magazine Top Doctors
2013 - 2020 Nashville Lifestyles Magazine Top Doctors

Teaching Activities:

1996-2012 Preceptor, Fisk-Vanderbilt Premed Summer Institute
1998-Present High School Career Day Preceptor

1998-Present	Preceptorship in Clinical Medicine
1999-Present	AMWA Mentoring Program
1999-2005	Medical Student Applicant Interviews
2002-2005	Medical Student Education Committee, Council of Subspecialists
2002-2005	Medical Student Faculty Advisor
2002-2005	General Surgical Clerkship – Congenital Heart Disease Lecture
2003-2004	Associate Residency Director, Thoracic Surgery
2004-Present	Director of Congenital Cardiac Surgery Education
2007-2008	Young Scholars Medical Program
2007-2016	CT Residents Lecturer
2007-2016	PICU Nurses Lecturer
2009	Lecturer, Medical School 101
2010	Adult Congenital Heart Disease Conference Lecturer
2010-Present	AMWA Women in Medicine Mentorship Program
2012	Invited Lecturer, National Honor Society, Lipscomb University
2013-2015	Vanderbilt Curriculum 2.0 CCX Student Preceptor Team
2014-Present	Alpha Epsilon Delta Undergraduate Shadowing Program
2017	AVSD Lecturer to Pediatric Cardiology Fellows
2017	Thoracic Residents Moderator – “Vascular Rings and Slings” and “Congenital Thoracic Disease”
2017	Pediatric Residents Lecture, “Overview, Congenital Heart Disease”
2017	Pediatric Cardiology Fellow Lecture, “Surgical AV Canal Repair”
2018	Cardiac Education Series – AV Canal, Surgical Perspective
2019	Cardiac Education Series – Tetralogy of Fallot
2019	Vanderbilt Women STEM – Women in Surgery – Mentorship lecture
2020	Cardiac Education Series, AV Canal
2020	Pediatric Cardiology Fellow lecture, AV Canal
2020	Tenwek Hospital CT Surgery Resident lectures, Bomet, Kenya – AV Canal, shunts
2021	CT Surgery Resident lecture series, Congenital diseases

Education and Mentoring:

2014- Present Mentoring of Students through VOE & HPAO at Vanderbilt Children’s Hospital

Mentoring of Cardiac Surgery Residents at Vanderbilt University Medical Center

2017	Melissa Levack, 2018 Oral Board Preparation
2017	Danielle Sen, 2018 Oral Board Preparation
2019	Carolina Pinzon-Guzman, MD

Clinical Residents of Cardiothoracic Surgery at Vanderbilt University Medical Center

2017	Michael Archer, MD
2017	John Evans, MD

Research:

Active:

1. “Contegra Pulmonary Valved Conduit”
2/16/15-present
Unfunded
Role: Principal Investigator
2. “STeroids to REduce Systemic inflammation after infant heart Surgery (STRESS trial)”
UO1TR001803-01
7/17/2018-present
Role: Co-investigator

Completed

1. “The Effect of Urea Cycle and Glutathione Synthesis Polymorphisms on Postoperative Pulmonary Outcomes in Infants and Children with Congenital Heart Disease”
Role: Co-investigator
2. “Carnitine Supplementation in Children Undergoing Surgical Correction of Congenital Heart Disease”
Role: Co-investigator
3. “Nitric Oxide Precursors and Congenital Heart Surgery: Citrulline Trial”
Role: Co-investigator
4. “A Randomized, Multi-Center, Double-Blind, Placebo-Controlled, Dose-Ranging Study of IV Sildenafil in the Treatment of Children, Aged 0-17, with Pulmonary Hypertension after Corrective Cardiac Surgery”
Role: Co-investigator
5. “CLARINET Clinical Study: International Randomized Study Evaluating the Efficacy and Safety of Clopidogrel 0.2mg/kg Once Daily vs Placebo in Neonates and Infants/toddlers with Cyanotic Congenital Heart Disease Palliated with a Systemic-to-Pulmonary Artery Shunt”
Sponsor: Bristol Meyers Squibb
Role: Co-investigator
6. “Quantitative Detection of Circulating Donor-Specific DNA in Organ Transplant Recipients (DTRT – Multi-Center Study)”
Sponsor: TAI Diagnostics
Role: Co-investigator
7. “Extension Study, Quantitative Detection of Circulation Donor-Specific DNA in Heart Transplant Recipients (DTRT)”
Role: Co-investigator

Publications and Presentations:

Articles

1. **Richey KJ**, Engrav LH, Pavlin EG, Murray MJ, Gottlieb JR, Walkinshaw MD: Topical growth factors and wound contraction in the rat: Part I. Literature review and definition of the rat model. Ann Plast Surg 1989 Aug;23(2):159-65.
2. Engrav LH, **Richey KJ**, Kao CC, Murray MJ: Topical growth factors and wound contraction in the rat: Part II. Platelet-derived growth factor and wound contraction in normal and steroid-impaired rats. Ann Plas Surg. 1989 Sep;23(3):245-8.
3. Engrav LH, **Richey KJ**, Walkinshaw MD, Gottlieb JR: Chondritis of the burned ear: a preventable complication if... Ann Plast Surg. 1989 Jul;23(1):1-2.

4. Roberts JR, Blum MG, Arildsen R, Drinkwater DC Jr, **Christian KR**, Powers TA, Merrill WH: Prospective comparison of radiologic, thorascopic, and pathologic staging in patients with early non-small cell lung cancer. *Ann Thorac Surg.* 1999 Oct;68(4):1154-8.
5. Watson S, **Christian KG**, Churchwell KB: Side Effects of Milrinone in the Cardiac PICU. *Clinical Intensive Care* 10:149, 1999.
6. Roberts JR, Shyr Y, **Christian KG**, Drinkwater DC, Merrill WH: Preemptive gastrointestinal tract management reduces aspiration and respiratory failure after thoracic operations. *J Thorac Cardiovasc Surg.* 2000 Mar;119(3):449-52.
7. Merrill WH, Friesinger GC, Graham TP Jr, Byrd BF 3rd, Drinkwater DC, **Christian KG**, Bender HW Jr: Long-lasting improvement after septal myectomy for hypertrophic obstructive cardiomyopathy. *Ann Thorac Surg.* 2000 Jun;69(6):1732-5; discussion 1735-6.
8. Taylor MB, **Christian KG**, Patel N, Churchwell KB: Methemoglobinemia: Toxicity of inhaled nitric oxide therapy. *Pediatr Crit Care Med.* 2001 Jan;2(1): 99-101.
9. Aharon AS, Drinkwater DC Jr, Churchwell KB, Quisling SV, Reddy VS, Taylor M, Hix S, **Christian KG**, Pietsch JB, Deshpande JK, Kambam J, Graham TP, Chang PA: Extracorporeal membrane oxygenation in children after repair of congenital cardiac lesions. *Ann Thorac Surg.* 2001 Dec;72(6): 2095-101; discussion 2101-2.
10. Reddy VS, Chen AC, Johnson HK, Pierson RN 3rd, **Christian KJ**, Drinkwater DC Jr, Merrill WH: Cardiac surgery after renal transplantation. *Am Surg.* 2002 Feb;68(2): 154-8.
11. Gibbs ER, **Christian KG**, Drinkwater DC Jr, Pierson RN 3rd, Bender HW Jr, Merrill WH: Cardiac surgery in patients with moderate renal impairment. *South Med J.* 2002 Mar;95 (3): 321-3.
12. Pierson RN 3rd, Howser, R, Donaldson T, Merrill WH, Dignan RJ, Drinkwater DC Jr, **Christian KG**, Butler J, Chomsky D, Wilson JR, Clark R, Davis S: Left ventricular assist device implantation via left thoracotomy: alternate to repeat sternotomy. *Ann Thorac Surg.* 2002 Mar;73(3):997-9.
13. Barr FE, Beverly H, VanHook K, Cermak E, **Christian K**, Drinkwater, D, Dyer K, Raggio NT, Moore JH, Christman B, Summar M: Effect of cardiopulmonary bypass on urea cycle intermediates and nitric oxide levels after congenital heart surgery. *American Journal of Human Genetics* 71(4):173, 2002 and *J Pediatr.* 2003 Jan;142(1):26-30.
14. Atkinson E, Mikysa B, Conway JA, Parker M, **Christian K**, Deshpande J, Knilans TK, Smith J, Walker C, Stickney RE, Hampton DR, Hazinski MF: Specificity and sensitivity of automated external defibrillator rhythm analysis in infants and children. *Ann Emerg Med.* 2003 Aug;42(2):185-96.
15. Schröder C, Scholl F, Daon E, Goodwin A, Frist WH, Roberts JR, **Christian KG**, Ninan M, Milstone AP, Loyd JE, Merrill WH, Pierson RN 3rd: A modified bronchial anastomosis technique for lung transplantation. *Ann Thorac Surg.* 2003 Jun;75(6): 1697-704.
16. Shah SA, Shankar V, Churchwell KB, Taylor MB, Scott BP, Bartilson R, Bryne DW, **Christian KG**, Drinkwater, DC: Clinical outcomes of 84 children with congenital heart disease managed with extracorporeal membrane oxygenation after cardiac surgery. *ASAIO J.* 2005 Sep-Oct;51(5):504-7.
17. Agarwal HS, Churchwell KB, Doyle TP, **Christian KG**, Drinkwater DC Jr, Byrne DW, Taylor MB: Inhaled nitric oxide use in bidirectional Glenn anastomosis for elevated Glenn pressures. *Ann Thorac Surg.* 2006 Apr;81(4):1429-34.
18. Shah SS, Drinkwater DC, **Christian KG**: Plastic bronchitis: is thoracic duct ligation a real surgical option? *Ann Thorac Surg.* 2006 Jun;81(6):2281-3.
19. Scholl FG, Webb D, **Christian K**, Drinkwater DC: Rapid diagnosis of cannula migration by cerebral oximetry in neonatal arch repair. *Ann Thorac Surg.* 2006 Jul;82(1):325-7.

20. Smith HA, Canter JA, **Christian KG**, Drinkwater DC, Scholl FG, Christman BW, Rice GD, Barr FE, Summar ML: Nitric oxide precursors and congenital heart surgery: a randomized controlled trial of oral citrulline. *J Thorac Cardiovasc Surg*. 2006 Jul;132(1): 58-65.
21. Canter JA, Summar ML, Smith HB, Rice GD, Hall LD, Ritchie MD, Motsinger AA, **Christian KG**, Drinkwater DC Jr, Scholl FG, Dyer KL, Kavanaugh-McHugh AL, Barr FE: Genetic variation in the mitochondrial enzyme carbamoyl-phosphate synthetase I predisposes children to increased pulmonary artery pressure following surgical repair of congenital heart defects: a validated genetic association study. *Mitochondrion*. 2007 May;7(3):204-10. Epub 2006 Nov 29.
22. Barr FE, Tirona RG, Taylor MB, Rice G, Arnold J, Cunningham G, Smith HA, Campbell A, Canter JA, **Christian KG**, Drinkwater DC, Scholl F, Kavanaugh-McHugh A, Summar ML: Pharmacokinetics and safety of intravenously administered citrulline in children undergoing congenital heart Surgery: potential therapy for postoperative pulmonary hypertension. *J Thorac Cardiovasc Surg*. 2007 Aug;134(2):319-26.
23. Agarwal HS, Bennett JE, Churchwell KB, **Christian KG**, Drinkwater DC Jr, He Y, Taylor MB: Recombinant factor seven therapy for postoperative bleeding in neonatal and pediatric cardiac surgery. *Ann Thorac Surg*. 2007 Jul;84(1):161-8.
24. Hill K, **Christian K**, Kavanaugh-McHugh A, Doyle T: Right-sided pulmonary venous obstruction between a right aortic arch and an amplatzer septal occlusion device following closure of a secundum atrial septal defect. *Pediatr Cardiol*. 2009 Aug;30(6):855-7. doi: 10.1007/s00246-009-9445-y. Epub 2009 Apr 15.
25. Antevil JL, Doyle TP, Bichell DP, **Christian KG**: Congenitally corrected transposition of the great arteries: a unique case from Iraq. *Pediatr Cardiol*. 2010 Jan;31(1):120-3. doi: 10.1007/s00246-009-9545-8. Epub 2009 Sep 29.
26. Fleming GA, Billings FT 4th, Klein TM, Bichell DP, **Christian KG**, Pretorius M: Angiotensin-converting enzyme inhibition alters the inflammatory and fibrinolytic response to cardiopulmonary bypass in children. *Pediatr Crit Care Med* 2011 Sep;12(5):532-8. doi:10.1097/PCC.0b013e3181fe3925.
27. Agarwal HS, Saville BR, Slayton JM, Donahue BS, Daves S, **Christian KG**, Bichell DP, Harris ZL: Standardized postoperative handover process improves outcomes in the intensive care unit: a model for operational sustainability and improved team performance*. *Crit Care Med* 2012 Jul;40(7):2109-15. doi: 10.1097/CCM.0b013e3182514bab.
28. Simpson SA, Zaccagni H, Bichell DP, **Christian KG**, Mettler BA, Donahue BS, Roberts LJ 2nd, Pretorius M: Acetaminophen attenuates lipid peroxidation in children undergoing cardiopulmonary bypass. *Pediatr Crit Care Med* 2014 Jul;15(6):503-10. doi: 10.1097/PCC.000000000000149.
29. Raucci FJ Jr, Soslow JH, **Christian KG**, Parra DA. Large Pericardial Bronchogenic Duplication Cyst: Utility of Cardiac MRI in Diagnosis of a Rare Entity. *Society for Cardiovascular Magnetic Resonance (SCMR)* March 2017
30. Raees MA, Morgan CD, Pinto VL, Westrick AC, Shannon CN, **Christian KG**, Mettler BA, Bichell DP: Neonatal Aortic Arch Reconstruction with Direct Splanchnic Perfusion Avoids Deep Hypothermia. *Ann Thorac Surg* 2017 Dec;104(6):2054-2063. doi: 10.1016/j.athoracsur.2017.04.037. Epub 2017 Jul 12.

Book Chapters

1. Bichell DP, **Christian KG**. Atrial Septal Defect and Cor triatriatum. Chapter 114, In: Sabiston & Spencer: *Surgery of the Chest*, 8th ed., Selke FW, del Nido PJ, Swanson SJ, eds. Philadelphia, 2010, Elsevier Science.

Abstracts

1. **Richey KJ**, Engrav LH, Murray MJ, Kao CC, Pavlin EG, Gottlieb JR, Walkinshaw MD. Platelet Derived Growth Factor and Wound Contraction in the Rat. Plastic Surgery Research Council. Atlanta, GA 1989.
2. **Richey KJ**, Graham TP, Bender HW. Tetralogy of Fallot with Absent Pulmonary Valve: The Monocusp Repair. Southeastern Pediatric Cardiology Society. Nashville, TN 1994.
3. Bender HW, Hoff SJ, **Richey KJ**, Graham, TP. Early Success with a Modification of the Norwood Procedure for Hypoplastic Left Heart Syndrome. Southeastern Pediatric Cardiology Society. Nashville, TN 1994.
4. Roberts JR, Blum M, Arildsen R, Drinkwater DC, **Christian KG**, Powers T, Merrill WH. Prospective Comparison of Radiologic, Thorascopic, and Pathologic Staging in Patients with Early NSCLC. Southern Thoracic Surgery Association. Orlando, FL 1998.
5. Roberts JR, **Christian KG**, Pierson RN, Drinkwater DC, Merrill WH. Respiratory Failure After Thoracic Surgery: The Incidence of Aspiration Can Be Limited by GI Tract Management. American Association for Thoracic Surgery. New Orleans, LA 1999.
6. Taylor MB, **Christian KG**, Churchwell KB. Methemoglobinemia: Toxicity of Inhaled Nitric Oxide Therapy. American Academy of Pediatrics. Washington, DC 1999.
7. Watson S, **Christian KG**, Churchwell KB. Side Effects of Milrinone in the Cardiac PICU. Poster presentation. 12th Annual Pediatric Critical Care Colloquium. Portland, Oregon, 1999. Also presented at American Academy of Pediatrics. Washington, DC 1999.
8. Merrill WH, Freisinger GC, Graham TP, Drinkwater DC, **Christian KG**, Bender HW. Long-lasting Improvement Following Septal Myectomy for Hypertrophic Obstructive Cardiomyopathy. Southern Thoracic Surgical Association. Puerto Rico 1999.
9. Aharon AS, Drinkwater DC, Reddy VS, Christian DL, Torres T, Chang PA, Hix S, **Christian KG**. Extracorporeal Membrane Oxygenation in Children Following Repair of Complex Congenital Cardiac Lesions and Heart Transplantation. Southern Thoracic Surgical Association. Marco Island, FL 2000.
10. Reddy VS, Pierson RB III, Frist WR, **Christian KG**, Drinkwater DC Jr, Merrill WM. Traumatic Aortic Tear After Blunt Trauma. American College of Surgeons - TN Chapter. Fall Creek Falls, TN 2002; Assoc of VA Surgeons. Seattle, WA 2000.
11. Schröder C, Scholl F, Daon E, Goodwin A, Frist WH, Roberts JR, **Christian KG**, Ninan M, Milstone AP, Loyd JE, Merrill WH, Pierson RN. A Modified Bronchial Anastomosis Technique for Lung Transplantation. The American Transplantation Congress. Washington, DC 2001.
12. Agarwal HS, **Christian KG**, Drinkwater DC, Taylor MB, Churchwell KB. Use of Nitric Oxide Therapy for Bidirectional Glenn Shunt. American Academy of Pediatrics. Boston, MA 2002.
13. Shankar V, Churchwell KB, Taylor MB, Scott BP, Bartilson R, Shalaby T, Pietsch J, **Christian KG**, Drinkwater, DC. Clinical Outcomes of 94 Children with Heart Disease Managed with Extra Corporeal Membrane Oxygenation (ECMO). Pediatric Cardiac Intensive Care Society. Miami, FL 2004.
14. Shah S, Shankar V, Churchwell K, Taylor M, Scott BP, Bartilson R, **Christian KG**, Scholl F, Drinkwater, DC. Clinical Outcomes of 84 Children with Congenital Heart Disease (CHD) Managed with Extra Corporeal Membrane Oxygenation (ECMO) After Cardiac Surgery. First International Conference on Pediatric Mechanical Circulatory Support Systems and Pediatric Cardiopulmonary Perfusion. Hershey, PA 2005.
15. Kattih O, Patel N, Rice G, Drinkwater DC, Scholl F, **Christian K**, Canter J, Barr FE. Pro-Plasma B- Type Natriuretic Peptide (Pro-BNP) and Pulmonary Hypertension after AVSD and VSD Repair. Pediatric Academic Societies' Meeting, San Francisco, CA 2006.

16. Fleming GA, Billings FT, Bichell DP, **Christian KG**, Pretorius, M. Continued ACE Inhibition Alters the Inflammatory and Fibrinolytic Response to Cardiopulmonary Bypass in Children. American Heart Association Scientific Sessions, Chicago, IL 2010.
17. Agarwal H, Wang, W, Saville B, Bichell D, **Christian K**, Harris L. Cardiopulmonary Bypass and Post-Operative Outcomes Following Pediatric Cardiac Surgery. Pediatric Cardiac Intensive Care Society, Miami Beach, FL 2010.
18. Brixey AG, Luo Y, Bernard Y, Gowda S, Bichell DP, **Christian KG**, Baldwin S, Light R. Characteristics of Pleural Effusions in Patients Undergoing the Fontan or Glenn Procedures for Congenital Cardiac Defects. American Thoracic Society, Denver, CO 2011.
19. Agarwal H, Wolfram K, Wang W, Saville B, Grando B, **Christian K**, Bichell D, Harris Z. Does Cardiopulmonary Bypass Time Affect Post-Operative Complications Following Pediatric Cardiac Surgery? American College of Cardiology Summit, New Orleans, LA 2011.
20. Smith AH, Hardison DC, Bridges BC, **Christian KG**, Mettler BA, and Bichell DP. Changes in oxygen tension among patients with single ventricle physiology supported with extracorporeal membrane oxygenation. Research Citation Finalist, Society of Critical Care Medicine 41st Annual Critical Care Congress. 5 February 2012.
21. Pinto V, Killen S, **Christian K**, Agarwal H. Group B streptococcal infective endocarditis in a neonate leading to tricuspid valve replacement with an aortic Magna Perimount prosthetic valve. Society of Critical Care, Phoenix, AZ Jan. 2015.
22. Bichell D, Morgan C, Pinto V, Westrick A, Shannon C, **Christian K**, Mettler B. Neonatal Aortic Arch Reconstruction with Splanchnic and Cerebral Perfusion Avoids Deep Hypothermia and Supports Recovery of Extracardiac Organs. Society of Thoracic Surgeons, Naples, FL. Nov 2016.
23. Ghani MOA, Raees MA, Tang AR, Anandan D, Mettler BA, **Christian KG**, Shannon CN, Bichell DP. Transdiaphragmatic tunneled Broviac Catheters: Cost-effective perioperative central venous access (Scientific e-poster). The 66th Annual Meeting Southern Thoracic Surgical Association. Marco Island, FL, November 6-9, 2019.
24. Radbill AE, Smith AH, Van Driest SA, Fish FA, Bichell DP, Mettler BA, **Christian KG**, Edwards TL, Kannankeril PJ. The Impact of Body Mass Index on Post-operative Arrhythmias After Congenital Heart Surgery in Children. Heart Rhythm Society 2020 Virtual Scientific Sessions, May, 2020

Presentations at Scientific Meetings

1. Southern Thoracic Surgical Association Program Committee – Discussant, 2011

Moderator at Scientific Presentations

1. Society of Thoracic Surgeons – Cardiac Research, parallel sessions, 2004
2. Southern Thoracic Surgical Society – Congenital Scientific Session B, 2016