

**Camille L. Hancock Friesen, M.D.**  
 UT Southwestern Medical Center / Children's Health  
 Professor, Pediatric Cardiothoracic Surgery

1935 Medical District Drive  
 Dallas, TX 75235

**EDUCATION**

01/02 – 06/02	<b>Pediatric Cardiac Surgery</b> <i>Post-graduate year eleven; Advanced Fellowship</i>	Harvard University
2001-2002	<b>Pediatric Cardiac Surgery</b> <i>Post-graduate year ten; Fellow</i>	Harvard University
2000-2001	<b>Cardiac Surgery</b> <i>Post-graduate year nine; Chief Resident</i>	Dalhousie University
1999-2000	<b>Cardiac Surgery</b> <i>Post-graduate year eight</i> Adult cardiac surgery 9 months Congenital cardiac surgery 6 months	Dalhousie University
1998-1999	<b>Cardiac Surgery</b> <i>Post-graduate year seven</i> Thoracic surgery 4.5 months Adult cardiac surgery 7.5 months	Dalhousie University
1997-1998	<b>General Surgery</b> <i>Post-graduate year six; Chief Resident</i> General surgery 12 months	University of Alberta
1996-1997	<b>General Surgery</b> <i>Post-graduate year five; Senior Resident</i> General surgery 9 months Cardiac and thoracic surgery 3 months	University of Alberta
1995-1996	<b>General Surgery</b> <i>Post-graduate year four; Research Fellow</i> <b>Master of Science</b> <u>Thesis:</u> "A strategy of local immunomodulation: Engineering Fas Ligand Expression by Human; Islet Allografts to prevent Rejection"	University of Alberta
1994-1995	<b>Neurosurgery</b> <i>Post-graduate year three; Junior Resident</i> Intensive care unit 3 months Neurosurgery 9 months	University of Alberta
1993-1994	<b>General Surgery</b> <i>Post-graduate year two; Junior Resident</i> General surgery 9 months Plastic surgery and neurosurgery 3 months	University of Alberta
1992-1993	<b>Rotating Internship</b> <i>Post-graduate year one; Rotating Intern</i> General surgery, pediatrics, obstetrics/gynecology, ICU/CCU, emergency, psychiatry: 2 months each	University of Alberta
1992	<b>Undergraduate Medicine</b> Medical Degree (with distinction)	University of Alberta

1990	<b>Bachelor of Medical Science</b> (with honors)	University of Alberta
1985-1987	<b>Undergraduate Science</b> Pre-medicine courses (2 years)	University of Alberta

### HONORS & AWARDS

2020	University of Texas Southwestern Celebration of Excellence; Quality Winner
2014	Doctors Nova Scotia William Grigor Award
2013	Canadian Living Health Heroes Award
2011	Halifax Cornwallis Progress Club Women of Excellence Award (Health Sport and Wellness)
2007	Dalhousie University Clinical Research Scholar Award (\$405,000/5years)
2000	Alberta Heritage Foundation for Medical Research Clinical Fellowship (\$105,000/2years; offered/declined)
1997	Elected to Alpha Omega Alpha Honor Medical Society
1997	Marie Louise Imrie Graduate Student Awards / Basic Science Research – 1st Prize
1996	General Surgery Resident Basic Science Research – 1 <sup>st</sup> Prize
1993	Charles E. Lefebvre Memorial Medal: Intern of the Year
1992	Charles Fried Memorial Pediatrics Award
1987	The Honorable Don Mazankowski Scholarship
1987	Alberta Heritage Foundation for Medical Research Summer Bursary
1987	National Sciences and Energy Research Council Research Scholarship (offered/declined)
1987	Province of Alberta Certificate of Merit and Scholarship

### ACADEMIC APPOINTMENTS

2017 - present	Senior Research Scholar, Healthy Population Institute, Dalhousie University
2017 - present	Professor of Surgery (Adjunct), Dalhousie University
2016 - present	Professor of Surgery, University of Texas Southwestern Medical Center
2016 - 2017	Professor of Surgery, Dalhousie University
2008 - 2016	Associate Professor of Surgery, Dalhousie University
2002 - 2008	Assistant Professor of Surgery, Dalhousie University
2008 - 2014	Cross-Appointment Associate Professor, Department of Pathology, Dalhousie University
2005 - 2008	Cross-Appointment Assistant Professor, Department of Pathology, Dalhousie University
2006 - 2014	Member, Faculty of Graduate Studies
2006 - 2012	External Scholar, School of Health & Human Performance, Faculty of Graduate Studies

### LICENSURE & CERTIFICATION

2016 - present	Texas Medical Board License (#Q9628)
2005 - present	American College of Surgeons; <b>Fellow</b> (#103943)
2004 -14; 2015-25	American Board of Surgery, <b>Diplomat</b> (#049125)
2003 - present	College of Physicians and Surgeons of Nova Scotia; (#011829)
2002 - 2010	Massachusetts Board of Medicine, <b>Registration</b> (#212897)
2000 - present	Royal College of Physicians and Surgeons, <b>Fellow, Cardiac Surgery</b> (#488664)
1998 - 2000	Royal College of Physicians and Surgeons, <b>Fellow, General Surgery</b> (#488664)
1997	Advanced Cardiac Life Support ( <b>Provider</b> )
1995	Principles of Surgery Examination ( <b>Pass</b> ) (#488664)
1994, 1999	Advanced Trauma Life Support ( <b>Instructor</b> )

1993 - 2002 College of Physicians and Surgeons of Alberta; **General License** (#11242)  
 1994 Licensure of the Medical Council of Canada Part II; **Certified** (#76383)  
 1993 Advanced Trauma Life Support (**Provider**)  
 1992 Licensure of the Medical Council of Canada Part I; **Certified** (#920439)

## **ADMINISTRATIVE**

### Hospital Administrative Roles

2018 – present **Member**; Dallas Quality and Patient Safety Committee, CMC  
 2018 – present **Member**; Quality Safety and Value Committee, Heart Center, CMC  
 2018 – present **Surgical CT Director**; Adult Congenital Heart Disease Program, CMC/UTSW  
 2016 – 2018 **Member**; Clinical Leaders Board, DCMC  
 2016 – 2018 **Member**; Surgical Performance Evaluation Council, DCMC  
 2016 – 2018 **Member**; Medical Executive Council, DCMC  
 2016 – 2018 **Member**; Regional Heart Center Quality and Outcomes Committee, DCMC  
 2016 – 2018 **Co-Chair**; Cardiac Council, Dell Children’s Medical Center  
 2016 – 2018 **Co-Chair**; Cardiac Steering Committee, Dell Children’s Medical Center  
 2016 – 2018 **Medical Director**; Pediatric Cardiovascular Surgery, Dell Children’s Medical Center  
 2003 - 2016 **Surgical director**; Adult Congenital Heart Disease Program, NSHA/IWK  
 2014 - 2016 **Member**; Pediatric Anesthesia Mitigation Strategy Committee, IWK  
 2013 - 2016 **Chair**; Cardiac Sciences Steering Committee, IWK  
 2013 - 2016 **Member**; Transcatheter Aortic Valve Implant Program; NSHA  
 2011 **Chair**; Search/Selection Committee for Dept. of Critical Care, IWK  
 2011 **Co-Chair**; External Review of Dept. of Critical Care, IWK  
 2006 - present **Medical Director**; ECLS Rapid Response Program, IWK  
 2005 - present **Chief**; Division of Pediatric Cardiac Surgery, IWK  
 2003 **Team Leader**; Canadian Council on Health Services Accreditation; CDHA Cardiac Surgery  
 2002 - 2006 **Member**; CDHA Transplant Committee

### University Administrative Roles

2020 - present **Member**; Residency Selection Committee, Dept CVTS, UTSW  
 2019 - present **Member**; Faculty Senate, UTSW  
 2018 **Member**; UTSW Medical School Admissions Committee  
 2013 **Member**; Review of the Dept. of Urology, Dalhousie University  
 2009 **Member**; Tier II CRC Chair in Transplant Immunology Selection Committee, Dalhousie  
 2002 - 2007 **Director**; Undergraduate Medical Education, Division of Cardiac Surgery, Dalhousie  
 1998 - 2006 **Member**; Cardiac Surgery Residency Training Committee; Dalhousie University  
 1998 - 2006 **Interviewer**; Cardiac Surgery Resident Selection Committee, Dalhousie University  
 1998 **Reviewer**; Royal College Internal Review Orthopedics, University of Alberta  
 1997 - 1998 **Interviewer**; Faculty of Medicine Selection Committee, University of Alberta  
 1997 - 1998 **Interviewer**; General Surgery Selection Committee, University of Alberta

### Regional Roles

2015 - 2016 **Section Chair**; Doctors Nova Scotia; Division Cardiac Surgery  
 2004 - 2016 **President**; The Maritime Heart Center  
 2016 **Co-Chair**; The Maritime Heart Center Development Council

### National Roles

2019 **Member**, Editorial Board Journal of Thoracic and Cardiovascular Surgery

2019 – present **Member**; Editorial Board Canadian Journal of Cardiology  
 2016 - present **Member**; National Pediatric Cardiology Quality Improvement Collaborative  
 2011 - 2016 **Councillor**; Canadian Cardiovascular Society (CCS, 4-year Term)  
 2014 - 2016 **Member**; CCS Subcommittee; Strategic Plan Working Group  
 2013 - 2016 **Atlantic Canada Representative**; CCS Subcommittee; Choosing Wisely Canada Group  
 2015 **Member**; CCS Quality Project Review Committee, RFP for TAVI  
 2012 - 2016 **Member**; Canadian Cardiovascular Society, Awards & Membership Committee

#### International Roles

2016 - 2020 **Member**; Congenital Heart Surgeons Society Committee on Quality Improvement and Outcomes

#### **NON-ACADEMIC ROLES / MEDIA**

01/19/2018 KVUE Spirit of Caring: <http://www.kvue.com/feaures/spirit-of-caring>  
 03/2017 Miracles March 2017 Magazine  
 02/28/2017 The HeartGift Organization: A noble Vision in Progress / The Huffington Post  
[www.heartgift.org](http://www.heartgift.org)  
 2/22/2017 FOX7 Austin interview with Ann Wyatt at Dell Children’s  
 2/17/2017 Radio show “Health Check with Heidi Godman” WQSR AM and FM, Sarasota, FL

#### **PROFESSIONAL AFFILIATIONS**

2019 - present American Association of Thoracic Surgeons; **Member**  
 2010 - present Congenital Heart Surgeons Society; **Member**  
 2005 - present World Society for Pediatric and Congenital Heart Surgery; **Member**  
 2005 - present American College of Surgeons; **Fellow**  
 2003 - present American Heart Association; **Early Career Member**  
 2003 - 2013 Canadian Society of Transplantation; **Member**  
 2003 - 2013 International Society for Heart and Lung Transplantation; **Member**  
 1998 - present Society of Thoracic Surgeons; **Member**  
 1998 - present Royal College of Physicians and Surgeons of Canada, General & Cardiac Surgery;  
**Fellow**  
 1998 - present Canadian Cardiovascular Society; **Member**

#### **VOLUNTEER – CLINICAL**

2016 - 2018 Heart Gift; Surgeon for Austin Chapter (24 cases/2yrs)  
 2016 International Child Heart Foundation; Mission to Dominican; April  
 (16 cases/13 days)  
 2014 International Child Heart Foundation; Mission to Ecuador; December  
 (21 cases/11 days)  
 2013 International Child Heart Foundation; Mission to Ecuador; November  
 (24 cases/11 days)

#### **VOLUNTEER – RESEARCH & PEER REVIEW**

2018 **Ad hoc Reviewer**: Canadian Journal of Cardiology (CJC-D-17-01630R2; CJC-D-17-01378R4) World Journal for Pediatric and Congenital Heart Surgery (WJPCHS-18-0026); Ramp Up: A tool to ensure sustainable pediatric heart program outcomes; (WJPCHS-17-0166.R2), Single Ventricle and Total Anomalous Pulmonary Venous Connection: Implication of Prenatal Diagnosis

- 2017 **Ad hoc Reviewer:** Canadian Journal of Cardiology (CJC-D-17-01057; CJC-D-17-00845; CJC-D-17-00859, CJC-D-17-D-00542, CJC-D-17-00345, CJC-D-17-01378R1), World Journal for Pediatric and Congenital Heart Surgery (WJPCHS 17-0078; WJPCHS-17-0166.R1), Annals of Thoracic Surgery (ANNALS 17-01312) Advances in Medical Sciences (ADVMS-D-16-00117)
- 2016 **Ad hoc Reviewer:** Canadian Journal of Cardiology; (CJC-D-16-00407; CJC-D-16-00243; CJC-16-01255, CJC-D-16-01255R1, CJC-D-16-01408, CJC-D-16-01517, CJC-D-16-00111. Canadian Medical Association Journal (CMAJ-16-1278); World Journal for Pediatric and Congenital Heart Surgery (WJCPHS-16-0255)
- 2015 **Ad hoc Reviewer:** Canadian Medical Journal: (CMAJ-14-1525)
- 2015 **Ad hoc Reviewer:** Medical Principles and Practice: (Multiple micro fistulas from intermediate coronary artery to LV: A very rare anomaly)
- 2015 **Grant Reviewer:** Heart & Stroke Foundation Scientific Review Committee (Alberta Seed Grant Review Committee)
- 2014 **Internal Reviewer:** Dalhousie Department of Surgery Research Committee: Improving the measurement of surgical outcomes in hearing loss
- 2014 **Ad hoc Reviewer:** Canadian Journal of Cardiology
- 2009 - 2012 **Grant Reviewer:** Heart & Stroke Foundation Scientific Review Committee (X): Junior Personnel Awards

## RESEARCH

- 2019 - present UpLift  
**A community - university - hospital multisectoral collaboration designed to enact a sustainable systems-level change in children and youths' health knowledge and behaviors.** (Public Health Agency of Canada, Chronic Disease Prevention Pillar)  
*Role: Co-Principal Investor*
- 2004 - 2008 Cardiac Surgery Multi-centre trial  
**A randomized, double-blind, placebo-controlled, multi-centre study to evaluate the cardio protective effects of MC-1 in patients undergoing high-risk coronary artery bypass graft (CABG) surgery: Part II (MEND-CABG II)**  
*Role: Site Principal Investigator*
- 2005 - 2008 Cardiac Surgery Multi-centre trial  
**Mitroflow aortic pericardial heart valve IDE study**  
Multicentre clinical trial – enrollment complete; patient follow-up continuing  
*Role: Site Principal Investigator*
- 2003 - 2008 Cardiac Surgery Dalhousie University  
**The role of immunoregulatory T cells in oral transplant tolerance induction in rat cardiac allograft**  
Basic Science  
*Role: Principal Investigator*
- 2005 Cardiac Surgery Dalhousie University  
**A randomized, double-blind, placebo-controlled, dose-ranging, multi-centre study to evaluate the cardiovascular and cerebrovascular effects of MC-1 in patients undergoing high-risk coronary artery bypass graft (CABG) surgery**  
Multicentre clinical trial – enrollment complete  
*Role: Site Principal Investigator*

1995 - 1997	<p>General Surgery  <b>Master of Science (in Experimental Surgery)</b>          Thesis: "A strategy of local immunomodulation: Engineering Fas Ligand Expression by slet Allografts to Prevent Rejection"          Supervisors: Dr. R.V. Rajotte, Dr. J.F. Elliott, Dr. G.L. Warnock          Defended: August 1996          Degree: Awarded Spring Convocation 1997</p>	University of Alberta
1992	<p>Medicine  <b>Experimental large animal surgery</b>          2-month elective          Project included pig and dog islet isolation and implantation, human islet cell isolation and cryopreservation, literature review of intrathymic induction of donor-specific toleration          Supervisor: Dr. G.L. Warnock</p>	University of Alberta
1987	<p>Undergraduate Science  <b>Genetics Summer Studentship</b>          4-month, full-time studentship          Project Thesis: "Induction and quantification of Ura-3 gene transcript in yeast"          Supervisor: Dr. R.C. vonBorstel</p>	University of Alberta

## RESEARCH FUNDING

2019 (Submitted)	<p><u>Robert Wood Jones Foundation Letter of Intent: CoPI</u>  <b>Applying the RWJF Culture of Health Action Framework in a Canadian Context: A case study</b>          Funds applied for: \$250,000/3years.</p>
2018 -Present	<p><u>Public Health Agency of Canada (Chronic Disease Prevention Pillar):</u>  <u>Co-Principal Investigator</u>  <b>UpLift</b>          Funds held: \$3 mil (+ \$3 mil private sector). Potential total grant \$10mil/5y pending matching private sector funding.</p>
2014	<p><u>Edwards Lifesciences Educational Grant: Principal Applicant</u>  <b>H2K: Next Steps</b>          Funds held: \$10,000/1year</p>
2014	<p><u>GoodLife application, Principal Investigator</u>  <b>H2K: Expanding the role of peer mentors</b>          Funds held: \$10,000/1 year</p>
2012 - 2015	<p><u>CIHR: Co-Applicant, site PI</u>  <b>CORRELATE (Canadian Outcomes Registry before and after Tetralogy of Fallot repair)</b>          Funds held: \$177,695 per year x 3 years</p>
2012	<p><u>Department of Surgery, Principal Applicant</u>  <b>Remote ischemia preconditioning in transplantation</b>          Funds held: \$20,000; 1 year</p>
2012 - 2015	<p><u>Canadian Institutes of Health Research, Co-Applicant</u>  <b>The CORRELATE Study: Canadian outcomes registry late after tetralogy of Fallot repair</b>          Funds held: \$177,695/year x 3 years</p>
2011 - 2014	<p><u>Canadian Institutes of Health Research, Co-Applicant</u>  <b>A tailored myocardial protection strategy for aged hearts</b>          Funds held: \$137,123/year x 3 years</p>

2011 - 2012 IWK Health Centre Research Services, Category B Grant, Principal Investigator (PSO-Project 2009-5802)  
**H2K: The role of peer mentors in enhancing school-based physical activity**  
Funds held: \$15,000

2010 Department of Surgery Funding, Dalhousie University, Co-Applicant  
**Cardiovascular Research Group: Program support for a translational research core facility**  
Funds held: \$50,000

2010 IWK Category B Grant, Co-Applicant  
**HSK: Anthropomorphic data endpoints**  
funds held: \$ 4,000

2009 - 2010 Department of Surgery Funding, Dalhousie University, Co-Applicant  
**Atlantic Centre for Transplantation Research: Program Support**  
Funds held: \$50,000

2010 Nova Scotia Health Research Foundation, Co-Applicant  
**Atlantic Centre for Transplantation Research: Assembling a multidisciplinary team to study the role of obesity in impaired solid organ transplantation outcomes**  
Funds held: \$20,000

2010 Glaxo Smith Kline Industry Partner  
**H2K: Expanding the program**  
Funds held: \$10,000

2010 Pfizer Industry Partner  
**H2K: Expanding the program**  
Funds held: \$10,000

2009 - 2012 Nova Scotia Health Research Foundation (CHRP), Principal Investigator  
**H2K: The role of peer mentors in enhancing school-based physical activity**  
Funds held: \$149,998 / 3 years

2008 Nova Scotia Health Research Foundation, Principal Investigator  
**H2K: Expanding the research team and focusing the research plan**  
Funds held: \$ 5,000 / 1 year

2008 - 2009 Cobequid Community Health Board, Principal Investigator  
**I want to be a heart-healthy kid**  
Funds held: \$ 5,000 / 1 year

2008 - 2009 Department of Surgery Seed Funding, Co-Principal Investigator  
**Using a lidocaine enhanced pediatric cardioplegia solution for preservation of adult and senile hearts: A study in isolated rat hearts and cardiomyocytes to evaluate the potential of a novel pediatric cardioplegia solution to protect older hearts**  
Funds held: \$50,000 / 1 year

2007 - 2012 Dalhousie University Clinical Scholar, Principal Investigator  
**Faculty of Medicine Clinical Research Scholar**  
Funds held: \$405,000 / 5 years

2007 - 2008 Department of Surgery Seed Funding, Co-Principal Investigator  
**Using a lidocaine enhanced pediatric cardioplegia solution for preservation of adult and senile hearts: A study in isolated rat hearts and cardiomyocytes to evaluate the potential of a novel pediatric cardioplegia solution to protect older hearts**  
Funds held: \$50,000 / 1 year

2007 - 2008	<u>Department of Surgery Bridge Funding, Principal Investigator</u> <b>Organ specific immunoregulation: Response to donor oral antigen</b> Funds held: \$50,000 / 1 year
2006 - 2007	<u>Capital District Health Authority Research Fund, Principal Investigator</u> <b>Transcription and translation in lymphocytes of transplant recipients exposed to oral donor antigen</b> Funds held: \$15,000 / 1 year
2006 - 2007	<u>Department of Surgery Bridge Funding, Principal Investigator</u> <b>The role of immunoregulatory T cells in oral transplant tolerance; induction in rat cardiac allograft</b> Funds held: \$50,000 / 1 year
2006	<u>Cobequid Community Health Board, Principal Investigator</u> <b>I want to be a heart healthy kid: A pilot school program</b> Funds held: \$ 3,000 / 1 year
2005 - 2008	<u>IWK Health Centre, Category A Grant, Principal Investigator</u> <b>Follow-up of tetralogy of fallot patients: Transition from pediatric to adult care</b> Funds held: \$ 3,430 / 3 years
2003 - 2006	<u>Capital District Health Authority New Investigator's Award, Principal Investigator</u> <b>The role of immunoregulatory T cells in oral transplant tolerance; induction in rat cardiac allograft</b> Funds held: \$91,800 / 3 years

## TEACHING

2/2020	Cardiothoracic Resident Teaching – Del Nido Cardioplegia: Is it an effective myocardial preservation strategy in congenital and acquired heart disease? (Cardiac Faculty Education, 1h n=20)
2/2020	Pediatric Cardiothoracic Attending Rounds – Aortic Root Replacement In Congenital Heart Disease (Cardiac Faculty Education, 1h n=15)
11/2019	Pediatric Cardiothoracic Attending Rounds – Pulmonary Atresia/Intact Ventricular Septum (Cardiac Faculty Education, 1h n=15)
6/2019	Pediatric Cardiothoracic Attending Rounds - Coarctation & Aortic Arch Hypoplasia (Cardiac Faculty Education, 1h n=15)
5/2019	CVTS Didactics Presentation - Cyanotic Congenital Heart Disease: An approach to management in 2019 (Cardiac Faculty Education, 1h n=15)
2/2019	Wet Lab: Arch Advancement 3D Heart Models (Cardiac Faculty Education, 1h n=2)
5/2018	Tetralogy of Fallot with pulmonary stenosis. Comprehensive Surgical Management of Congenital Heart Disease; Richard A. Jonas (Cardiac Faculty Education, 1h n=8)
5/2018	Transposition of the great arteries. Comprehensive Surgical Management of Congenital Heart Disease; Richard A. Jonas (Cardiac Faculty Education, 1h n=8)
5/2018	Ventricular septal defect. Comprehensive Surgical Management of Congenital Heart Disease; Richard A. Jonas. (Cardiac Faculty Education, 1h n=8)
4/2018	Atrial septal defect Comprehensive Surgical Management of Congenital Heart Disease; Richard A. Jonas (Cardiac Faculty Education, 1h n=8)
4/2018	Coarctation of the aorta. Comprehensive Surgical Management of Congenital Heart Disease; by Richard A. Jonas (Cardiac Faculty Education, 1h n=8)
4/2018	Patent ductus arteriosus, aortopulmonary window, sinus of Valsalva fistula, aortoventricular tunnel Comprehensive Surgical Management of Congenital Heart Disease; Richard A. Jonas (Cardiac Faculty Education, 1h n=8)



04/2018	UTSW/Dell Children's Medical Center; Understanding the Ductus Arteriosus. Are we hemodynamically naïve? Comprehensive Surgical Management of Congenital Heart Disease; Richard A. Jonas (Cardiac Faculty Education, 1h n=8)
02/2018	UTSW/Dell Children's Medical Center; Pediatric Cardiac Anatomy 1:1 (Cardiac RN Education, 1h n=8)
06/2017	UTSW/Dell Children's Medical Center; Evolution of CPB and Cardiac Surgery (Cardiac RN Education, 1h n=8)
05/2017	UTSW/Dell Children's Medical Center; ECMO Course: ECMO 101; Configuration and Cannulation (ECLS Specialists Education 1h n=8)
03/2017	UTSW/Dell Children's Medical Center; Stage 1 and ECMO (ECLS Specialist and Cardiac RN Education, 1h n=4)
02/2017	UTSW/Dell Children's Medical Center; Evolution of CPB and Cardiac Surgery (Cardiac Nurse Education, 1h=8)
02/2015	Dalhousie Cardiac Surgery Resident Teaching, Leadership for surgeons/CANMEDS & Beyond
11/2014	Dalhousie Faculty of Medicine, Dept. of Family Med. CME, Adult Congenital Heart Disease
2011-2016	Annual ECLS Education Day (IWK/NSHA): ECMO considerations in shunted single ventricle pathology
2010 - 2016	Weekly Pediatric Cardiac Surgery Fellow Teaching (IWK): 1hr / week
01/2010	Pediatric Resident Academic Teaching – Single ventricle Part II
05/2009	Emergency Resident Academic Teaching – Cadaver lab
04/2009	Pediatric Resident Academic Teaching – Single ventricle Part I
01-02/2007	COPS Expert Tutor (half-block) – Med II students; Cardio-Respiratory Unit; Case oriented-problem stimulated, 6hrs/week
01-02/2006	COPS Expert Tutor (half-block) – Med II students; Cardio-Respiratory Unit; Case oriented-problem stimulated, 6hrs/week
01-02/2005	COPS Expert Tutor (half-block) – Med II students; Cardio-Respiratory Unit; Case oriented-problem stimulated, 6hrs/week
01-02/2004	COPS Expert Tutor (half-block) – Med II students; Cardio-Respiratory Unit; Case oriented-problem stimulated, 6hrs/week
2002-2004	Anatomy & Microsurgical 2hr Lab, monthly; medical students and residents

## STUDENTS

### Undergraduate:

2/2020 – 08/2020	<u>Ishwar Chuckaree</u> , Med I, UTSW QI Summer Fellowship	Preceptor
12/2018- 12/2018	<u>Valbona Lumani</u> , Premed Student (2w)	Mentor
01/2018 – 01/2018	<u>Adriana Calderone</u> , Registered Nurse, Premed Student (2w)	Preceptor
01/2018 – 01/2018	<u>Riley Longtain</u> , Premed Student (2w)	Preceptor
08/2012 - 02/2016	<u>Amanda MacDonald</u> , Premed Student	Supervisor
05/2012 - 08/2012	<u>Rachel Mullenger</u> , Med I, Summer Research Project	Co-Preceptor
09/2011 – 06/2013	<u>Melvin So</u> , Research Student Project (undergraduate)	Preceptor
06/2011 - 08/2011	<u>Melvin So</u> , Summer Research Project (undergraduate)	Preceptor
07/2010 – 08/2010	<u>Daniel Belliveau</u> , Med II, Summer Research Project	Preceptor
07/2010 – 08/2010	<u>Rebecca Spencer</u> , Summer Research Project	Preceptor
07/2010 – 08/2010	<u>Lauren Clarke</u> , Summer Research Project	Preceptor
10/2009 – 04/2010	<u>Lauren Clarke</u> , Med I Elective Student	Preceptor
10/2009 – 04/2010	<u>Meaghan Bebbington</u> , Med I Elective Student	Preceptor
09/2009 – 12/2009	<u>Loche MacKinnon</u> , Engineering Elective Student	Preceptor
07/2009 – 08/2009	<u>Rebecca Spencer</u> , Summer Research Project	Preceptor

07/2008 – 08/2008	<u>Wei Xie</u> , BSc Co-op Student, Summer Research Project	Preceptor
07/2008 – 08/2008	<u>Lauren O'Malley</u> , Med I/II Summer Elective	Preceptor
10/2008 – 04/2009	<u>Mark Robertson</u> , Med I Elective Student	Preceptor
02/2006 – 05/2012	<u>Karen Pippet</u> , BSc Co-op – 3 work terms	Supervisor
09/2006 – 04/2007	<u>Ehab Eshtaya</u> , Med I Elective Student	Preceptor
07/2007 – 08/2007	<u>Ehab Eshtaya</u> , Med I Summer Research Project	Preceptor
07/2006 – 08/2006	<u>David Liu</u> , Med I Summer Student Research Project	Preceptor
07/2005 – 08/2005	<u>Katherine Fleming</u> , Science Summer Research Project	Preceptor
07/2005 – 08/2005	<u>Adam Oxner</u> , Premedicine Summer Research Project	Preceptor
07/2005 – 08/2005	<u>Jaime Snowden</u> , Med Summer Research Project	Preceptor
07/2004 – 08/2004	<u>Jaime Snowden</u> , Med Summer Research Project	Preceptor
09/2003 – 04/2004	<u>Jaime Snowden</u> , Med I Elective	Preceptor
07/2003 – 08/2003	<u>Emily Boudreau</u> , Science Summer Research Project	Preceptor

Post-graduate:

2020	<u>Novella Martinello</u> PhD candidate U of Ottawa	External Examiner
2018	<u>Christine Montessa MD</u> , Cardiac Surgeon	Mentor
2018	<u>Jose Martinez</u> , Pediatrics Physician Dominican Republic (4w)	Supervisor
2017	<u>Tracy Patina</u> , Acute Care Pediatric Nurse Practitioner 4w	Supervisor
2016 - present	<u>Catherine Deshaies</u> , PHD candidate in RCPS CPI program	Co-supervisor
2013 – 2016	<u>Amy Yorke</u> , MSc Dept. of Physiology	Committee Member
2011 – 2013	<u>Arun Govindapillai</u> , MSc Dept. of Physiology	Committee Member
2011 – 2013	<u>Jeanne Egar</u> , MSc Dept. of Physiology	Committee Member
2010 – 2012	<u>Rebecca Spencer</u> , MSc Health Promotion	Committee Member
2009 – 2011	<u>Ahmed Ali</u> , MSc Dept. of Pathology	Committee Member
2008 – 2010	<u>Chelsey King</u> , MSc Dept. of Pathology	Co-Supervisor
2008 – 2010	<u>Jennifer Devitt</u> , Postdoctoral Fellowship (Academic/Lab)	Co- Supervisor
2007 – 2009	<u>Amir Zaki</u> , MSc Dept. of Pathology	Committee Member

**STUDENT AWARDS**

2014	Scotia Scholar Award (NSHRF; 2yr non-renewable); Becky Spencer
2013	Dalhousie University Department of Surgery Research Day; 3 <sup>rd</sup> prize basic science; Arun Govindapillia
2012	Master in Health Promotion, Dalhousie University Faculty of Health and Human Performance; Rebecca Spencer
2012	Dalhousie University Department of Surgery Research Day; 2 <sup>nd</sup> prize (student); Melvin So
2012	Dalhousie University Cardiac Research Day; 1 <sup>st</sup> prize; Rebecca Spencer
2011	CIHR Training Grant in Population Intervention for Chronic Disease Prevention; 1yr Fellowship \$17,850; Rebecca Spencer
2011	Faculty of Medicine IH RTP Research Day; 2 <sup>nd</sup> prize (oral); Daniel Belliveau
2011	Faculty of Medicine DMRF Le Alexander Endowment Award Summer Studentship; Daniel Belliveau
2011	Dalhousie University Department of Surgery Resident Research Day; 1 <sup>st</sup> prize (oral); Lauren Clark
2011	Integrated Health Research Trainee Program Research Day; 1 <sup>st</sup> prize (oral); Lauren Clark
2011	Integrated Health Research Trainee Program Research Day; 1 <sup>st</sup> prize (poster); Becky Spencer
2010	Faculty of Medicine DMRF Le Alexander Endowment Award; Lauren Clark
2010	CIHR Young Investigator Program; Travel bursary and poster prize; Chelsey King

2010 Integrated Health Research Trainee Program Research Day; 1<sup>st</sup> prize (poster);  
Becky Spencer

2010 Faculty of Graduate Studies Trainee Research Day; 1<sup>st</sup> prize (poster); Becky  
Spencer

2009 Dalhousie University Department of Surgery Resident Research Day; 3<sup>rd</sup> place  
student award; Dr. Jennifer Devitt

2009 Faculty of Medicine Graduate Student Research Day 3<sup>rd</sup> place student award; Dr.  
Jennifer Devitt

2009 Faculty of Medicine Summer Studentship; awarded but declined; Meghan  
Bebbington

2006 Faculty of Medicine DMRF Le Alexander Endowment Award; David Liu

2006 Faculty of Medicine CIHR Health Professional Student Award; Ehab Eshtaya

2005 IWK Summer Student Research Award; Katherine Fleming

2005 Faculty of Medicine DMRF Max Gaesslen Medical Student Award; Jaime Snowden

2004 IWK Medical Summer Studentship Award; Jaime Snowden

#### PODIUM PRESENTATIONS

09/2018 Healthy Living, Healthy Life Conference, Halifax, NS. **UpLift**. CL Hancock Friesen,  
Keynote Speaker

10/2017 UTSW / Dell Children's Medical Center, Austin, Texas. **Driving Excellence in a  
Pediatric Heart Center**. CL Hancock Friesen

10/2015 Canadian Cardiovascular Congress, Toronto, ON. **Outcome Ability: Ensuring  
Outcomes in a Small Volume Pediatric Cardiac Surgery Program**. CL Hancock  
Friesen, A Lockhart, D Mouton, G Morrison, SB O'Blenes, AE Warren

10/2012 Canadian Cardiovascular Society, Toronto, ON. **A novel method for monitoring  
risk adjusted complications in pediatric cardiac surgery**. Belliveau D, Burton  
HJ, Warren AE, O'Blenes SB, Hancock Friesen CL

04/2012 International Society for Heart & Lung Transplantation, Prague, Czechoslovakia.  
**Neutrophils are responsible for impaired medial smooth muscle cell  
recovery and exaggerated allograft vasculopathy in aortic allografts exposed  
to prolonged cold ischemia**. MC So, TDG Lee, CL Hancock Friesen

10/2010 Congenital Heart Surgeons' Society, Chicago, IL. **Morbidity in pediatric cardiac  
surgery: A standardized approach for classification and weighting**.  
Camille L. Hancock Friesen, Stacy O'Blenes

10/2010 Canadian Cardiovascular Congress, Montreal, QC. **Continuous quality  
improvement in cardiac surgery: morbidity workshop**. Camille Hancock  
Friesen, Stacy O'Blenes, et al

11/2008 IWK Health Center Research Services, Halifax, NS. **Tetralogy of fallot. A case for  
a transition program**. Burton HJ, Liu D, Fleming K, Jackson S, Warren AE,  
Hancock Friesen CL

01/2004 Society of Thoracic Surgeons 40<sup>th</sup> Annual Meeting, San Antonio, TX. **Total  
anomalous pulmonary venous connections: An analysis of current  
management strategies in a single institution**. Hancock Friesen CL, Zurakowski  
D, Thiagarajan RR, Forbess JM, DelNido PJ, Mayer JE, Jonas RA

06/2003 Society of Heart Valve Disease, Paris, France. **Intermediate outcomes of  
atrioventricular valvuloplasty in lateral tunnel fontan patients**. CL Hancock  
Friesen, MC Sherwood, DF Frank, PJ del Nido, RA Jonas, JE Mayer, JM Forbess

11/2002 American Heart Association, Chicago, IL. **Anatomic repair of corrected  
transposition of the great arteries**. CL Hancock Friesen, RA Jonas, PJ Del Nido, JE  
Mayer, SD Colan, P Lang, ED Blume

- 10/2000 Canadian Cardiovascular Congress, Vancouver, BC. **Zero proximals: Composite redial artery grafts.** CL Hancock Friesen, KJ Buth, C MacDougall, JR Wood, K Stewart, GM Hirsch, JA Sullivan
- 10/2000 Canadian Cardiovascular Congress, Vancouver, BC. **Does beating heart surgery compromise complete revascularization?** CL Hancock Friesen, KJ Buth, G Thompson, JR Wood, GM Hirsch, JA Sullivan
- 10/2000 Canadian Cardiovascular Congress, Vancouver, BC. **Posterior annular placcation: A simple and effective operative technique in Ebstein's Anomaly.** CL Hancock Friesen, DB Ross
- 08/2000 10<sup>th</sup> World Congress of Cardiothoracic Surgery, Vancouver, BC. **Does beating heart surgery compromise complete revascularization?** C Hancock Friesen, K Buth, G Thomspom, J Sullivan, G Hirsch
- 05/1999 Terrence Donnelly Cardiac Residents' Research Day, University of Toronto, Toronto, ON. **Coronary artery bypass grafting in the beating heart.** C Hancock Friesen, KJ Buth, C MacDougall, J Wood, G Hirsch, J Sullivan
- 05/1999 Department of Surgery Research Day, Dalhousie University, Halifax, NS. **Minimally invasive coronary artery bypass grafting: The Dalhousie Experience.** 18-month case-control comparison of conventional coronary artery bypasses grafting with off pump coronary artery revascularization
- 04/1997 Division of General Surgery Resident Research Competition; University of Alberta, Edmonton, AB. **Pelvic fractures with hypotension: A review of the Edmonton experience.** Ten-year retrospective study
- 09/1996 Royal College of Physicians and Surgeons National Meeting, Halifax, NS. **Engineering Fas Ligand expression from donor islets to prevent graft rejection.** CL Hancock Friesen, R Rajotte, G Korbitt, G Warnock, J Elliott
- 06/1996 Canadian Association of General Surgery; Frontiers in Research, Mississauga, ON. **A molecular biology strategy of local immunomodulation to prevent allograft rejection**
- 04/1996 Department of Surgery Research Competition; University of Alberta, Edmonton, AB. **Fas Ligand: A strategy of local immunomodulation to prevent allograft rejection**
- 03/1995 Alberta Neurosurgical Meeting, Banff, AB. **Carotid stenosis and incidental Intracranial aneurysm.** Retrospective review and current literature review
- 04/1994 Division of General Surgery Resident Research Competition; University of Alberta, Edmonton, AB. **Effect of surgical enterotomy on morbidity and mortality in severe acute pancreatitis.** Ten-year retrospective review and current literature review

## POSTER PRESENTATIONS

- 02/2020 Celebration of Excellence, UT Southwestern, Dallas, TX. **A Multidisciplinary Quality Improvement Initiative To Reduce Pediatric Cardiac Surgical Site Infection.** Andrea Torzone, Patricia Jackson, Amara Green, Alexandra Birely, Rishi Shah, Camille Hancock Friesen
- 02/2020 Celebration of Women in Science and Medicine, UT Southwestern, Dallas, TX. **UpLift: Using A Collective Impact Lens to Change the Culture of Health in Elementary Schools.** CL Hancock Friesen, Sara FL Kirk
- 04/2018 AHA Quality of Care and Outcomes Research in Cardiovascular, Arlington, VA. **Real-Time Outcomes Analysis Dashboard: Road Map.** CL Hancock Friesen, K. Unberhagen, P. Bowell, D. Golder, RDJ Jaquiss

- 07/2017 7<sup>th</sup> World Congress of Pediatric Cardiology and Cardiac Surgery, Barcelona, Spain. **Ramping Up; an iterative tool to ensure pediatric heart program performance.** CL Hancock Friesen, SB O'Blenes, JP Finley, AE Warren
- 02/2013 6<sup>th</sup> World Congress of Pediatric Cardiology and Cardiac Surgery, Cape Town, South Africa. **Improving pediatric cardiac surgery outcomes with prospective morbidity capture.** \*D Maldenado, H Burton, SB O'Blenes, AE Warren, CL Hancock Friesen (\* Underscore represents Supervised Student)
- 11/2012 AHA, Los Angeles, CA. **Peer mentoring to enhance school-day physical activity levels in elementary students.** Spencer BA, Kirk SA, Hancock Friesen CL
- 10/2011 Canadian Cardiovascular Congress, Vancouver, BC. **Complete revascularization is compromised in off-pump coronary artery bypass grafting.** MW Robertson\*, KJ Buth, KM Stewart, JR Wood, JA Sullivan, GM Hirsch, CL Hancock Friesen (\*moderated poster presentation)
- 05/2011 AHA Quality of Care Outcomes Research, Washington, DC. **Prospective monitoring of pediatric cardiac surgery program complications.** CL Hancock Friesen, G Shanmugam, HJ Burton, AE Warren, SB O'Blenes
- 03/2011 Canadian Society of Transplantation, Mont Tremblant, QC. **Innate immune effectors are necessary and sufficient to cause early post-transplant failure of smooth muscle cell recovery which predates allograft vasculopathy.** Camille L. Hancock Friesen, Melvin So, TDG Lee
- 02/2011 Integrated Health Research Trainee Research Day, Halifax, NS. **The role of peer mentors in enhancing school-based physical activity: Phase I.** B Spencer\*, I Bower, G Yates, R Mullenger, S Kirk, CL Hancock Friesen. (\*student won 1<sup>st</sup> prize)
- 11/2010 American Heart Association, Chicago, IL. **The sodium calcium exchange inhibitor SEA0400 prevents myocardial injury and enhances myofilament sensitivity to Ca<sup>2+</sup> when used as a cardioplegia additive.** A Ali, C Hancock Friesen, S Howlett, S O'Blenes
- 11/2010 CIHR Population Health Symposium, Toronto, ON. **Advancing population health intervention research to promote health equity. The role of peer mentors in enhancing school-based physical activity: Phase I.** B Spencer, J Bower, G Yates, R Mullenger, S Kirk, CL Hancock Friesen
- 11/2010 Interdisciplinary Research Conference, Halifax, NS. **Improving patient outcomes by standardized capture and reporting of pediatric cardiac surgical complications.** G Shanmugam, LL Clark, HJ Burton, AE Warren, SB O'Blenes, CL Hancock Friesen
- 09/2010 21<sup>st</sup> Annual ELSO Conference, St. Petersburg, FL. **Extracorporeal membrane oxygenation in a low volume program: The role of RRTs and RNs.** H Burton, S Morrison, K Mahon, C Soder, SB O'Blenes, CL Hancock Friesen
- 05/2010 American Transplantation Congress, San Diego, CA. **Neutrophil mediated smooth muscle loss precedes allograft vasculopathy.** CL King, IJ Devitt, TDG Lee, CL Hancock Friesen
- 05/2010 American Transplantation Congress, San Diego, CA. **Prolonged cold ischemia exacerbates cardiac allograft vasculopathy through an enhanced innate immune response.** IJ Devitt, CL King, TDG Lee, CL Hancock Friesen
- 02/2010 Integrated Health Research Training Program Research Day, Halifax, NS. **Results of an intensive physical activity intervention in an urban elementary school.** RA Spencer, W Xei, J Hoyt, G Yates, J Miller, CL Hancock Friesen
- 10/2009 Canadian Cardiovascular Congress, Edmonton, AB. **The role of prolonged cold ischemia in allograft vasculopathy.** Jennifer J Devitt, Chelsey L King, Tim DG Lee, Camille L Hancock Friesen

- 10/2009 Canadian Cardiovascular Congress, Edmonton, AB. **delNido cardioplegia prevents spontaneous and inducible activity during arrest and hypercontractility during early reperfusion in cardiomyocytes from aged hearts.** Stacy O'Blenes, Camille Hancock Friesen, Cindy Mapplebeck, Ahman Ali, Susan Howlett
- 10/2009 Canadian Cardiovascular Congress, Edmonton, AB. **The role of extracorporeal membrane oxygenation specialists in a small volume program.** Hayley Burton, Steve Morrison, Kate Mahon, Chris Soder, Stacy O'Blenes, Camille Hancock Friesen
- 10/2009 Canadian Association of Pediatric Hospitals, Halifax, NS. **Cost deferral and quality improvement in a small volume cardiac surgical program.** N Krauch, M Campbell, S O'Blenes, **CL Hancock Friesen**
- 08/2009 European Society of Transplantation, Paris, France. **The role of ischemia reperfusion injury in allograft vasculopathy.** Chelsey L King, Jennifer J Devitt, Tim DG Lee, Camille L Hancock Friesen
- 05/2009 Atlantic Chronic Disease Congress, Moncton, NB. **H2K: Heart healthy kids; a comprehensive physical activity intervention.** Jennifer Miller, Gillian Yates, Wanda Cornish, Becky Spencer, Wei Xei, Jennifer Hoyt, Camille Hancock Friesen
- 10/2007 Canadian Cardiovascular Congress, Quebec City, QC. **Follow-up of tetralogy of Fallot patients: tertiary centre versus satellite clinic.** Hayley Burton, Andrew E Warren, David Liu, Kathryn Fleming, Simon Jackson, Camille L Hancock Friesen
- 09/2007 Basic Science Symposium, Canadian Transplantation Society, Halifax, NS. **A pediatric cardioplegia solution: In vivo and in vitro comparison with standard adult cardioplegia.** ID O'Brien, SE Howlett, H Burton, S Litz, S O'Blenes, CL Hancock Friesen
- 09/2007 Basic Science Symposium of the Transplantation Society, Halifax, NS. **Ischemia / reperfusion injury may account for difference in rat kidney versus heart allograft survival after oral exposure to donor antigen.** CL Hancock Friesen, K Pipett, L Geldenhuys, A Ostry, B Nashan, TDG Lee
- 05/2007 World Society for Pediatric and Congenital Heart Surgery, Washington, DC. **Pediatric cardioplegia: A case-control comparison with an adult solution.** H Burton, ID O'Brien, S Howlett, S Litz, S O'Blenes, CL Hancock Friesen
- 04/2007 Department of Cardiology, Pediatric Resident Research Day, Dalhousie University. **Fetal diagnosis of an "extra cardiac chamber."** J Conway, C Hancock Friesen, D Thompson, AE Warren
- 02/2007 Faculty of Medicine Student Research Day, Dalhousie University. **Great mediastinal vein reconstruction using autologous superficial femoral vein.** E Eshtava, JF Legare, JA Sullivan, CL Hancock Friesen
- 02/2007 Faculty of Medicine Student Research Day, Dalhousie University. **Follow-up of tetralogy of fallot patients: An analysis of pediatric transition to adult care.** D Liu, H Burton, CL Hancock Friesen
- 10/2006 Canadian Cardiovascular Congress, Vancouver, BC. **Polarized cardioplegia arrest in pediatric cardiac surgery.** H Burton, S O'Blenes, S Litz, CL Hancock Friesen
- 10/2006 Canadian Child Health Clinician Scientist Program, 4<sup>th</sup> Annual National Symposium, Vancouver, BC. **Oral exposure to donor antigen causes different immune modulation in rat cardiac and renal transplant models.** CL Hancock Friesen, J Zhou, J Snowdon, A Oxner, TDG Lee, B Nashan
- 3/2006 Canadian Society of Transplantation, Mont Tremblant, QC. **Mechanisms of oral transplant tolerance are different in rat cardiac and renal transplant models.** CL Hancock Friesen, J Zhou, J Snowdon, TDG Lee, B Nashan

- 09/2005 4<sup>th</sup> World Congress of Pediatric Cardiology and Cardiac Surgery, Buenos Aires, Argentina. **Oral transplant tolerance induction in heterotopic rat cardiac allografts: Mechanisms of tolerance are different in cardiac and renal transplants.** CL Hancock Friesen, J Zhou, A Oxner, J Snowdon, TDG Lee, B Nashan
- 06/2003 World Congress of Pediatric Critical Care, Boston, MA. **Extracorporeal membrane oxygenation support of shunted single ventricle patients.** C Allan, RR Thiagarajan, MA Almodovar, SJ Roth, C Hancock Friesen, JM Forbess, PC Laussen
- 06/2001 International Society for Hemostasis and Thrombosis, Paris, France. **Peri-operative shunt thrombosis and death due to heparin-induced thrombocytopenia (HIT) in a neonate with complex congenital heart disease.** Boshkov LK, Hancock Friesen CL, Rebeyka IM
- 05/2001 3<sup>rd</sup> World Congress of Pediatric Cardiac Surgery and Cardiology, Toronto, ON. **Single coronary artery: Management technique in the arterial switch operation.** Hancock Friesen CL, Jonas RA. Video Presentation
- 05/2001 3<sup>rd</sup> World Congress of Pediatric Cardiac Surgery and Cardiology, Toronto, ON. **Posterior annular plication: A simple and effective operative technique in Ebstein's anomaly.** CL Hancock Friesen, JG Howlett, DB Ross
- 10/2000 Canadian Cardiovascular Congress, Vancouver, BC. **Reduced transfusion requirements in beating heart surgery.** CL Hancock Friesen, KJ Buth, C MacDougall, JR Wood, JA Sullivan, GM Hirsch
- 08/1999 Canadian Cardiovascular Society National Meeting, Quebec City, QC. **Coronary artery bypass grafting in the beating heart.** CL Hancock Friesen, KJ Buth, CE MacDougall, JR Wood, GM Hirsch, JA Sullivan

#### INVITED LECTURES

- 10/2019 Maritime Heart Centre-Cardiac Surgery Divisional Rounds (Halifax, CA) **UpLift: Collective Impact 101**
- 12/2018 Department of Pediatric Surgery Grand Rounds (CH, Dallas Tx). **Moving Upstream of Complications; a dream or a reality?**
- 10/2017 24<sup>th</sup> Annual CHAT (Children's Hospital Association of Texas), Pediatric Nursing Conference (Austin, Texas). **Driving Excellence in a Pediatric Heart Center**
- 07/2017 7<sup>th</sup> World Congress of Pediatric Cardiology and Cardiac Surgery (Barcelona, Spain). **Tetralogy of Fallot; Surgical Palliation** (Panelists Jim Jagers, Frank Pigula, CL Hancock Friesen, Tom Karl)
- 04/2016 Third annual ECLS Education day (Halifax, NS) - **ECMO Inevitabilities: The IWK Model.** (Attendees n=75)
- 11/2015 IWK Cardiac Sciences Caring for Cardiac Kids Meeting (Halifax, NS) - **Three stages of Single Ventricle Palliation.** (Attendees n=50)
- 10/2015 Canadian Cardiovascular Congress (Toronto, ON) - Debate - **Controversies in Pediatric Cardiology and Adult Congenital Heart Disease - "The long-term outcome of aortic stenosis is better for balloon angioplasty than for surgery."** (Attendees n=75)
- 09/2015 IWK Heart Talk: (Halifax, NS) **Plugging in on the Medical Side: How new technology can impact your child's health care** (Attendees n=40)
- 09/2015 NSHA Open Heart Support Group (Halifax, NS). **Maritime Heart Center: The journey continues.** (Attendees n=10)
- 5/2014 Women's Well-being EXPO (Halifax, NS). **Three things every woman should know about her heart health; an update.** (Attendees n=10)
- 6/2013 Atlantic Canada Cardiovascular Conference (Halifax, NS). **The Maritime Heart Center: Advocacy in action.** (Attendees n=70)

- 05/2013 Women's Well-being EXPO (Halifax, NS). **Three things every woman should know about her heart health.** (Attendees n=35)
- 04/2013 Emergent Learning Conference: Confluence and connectivity (Halifax, NS). **Physical Activity Track Plenary – Peer mentors enhance physical activity in children.**
- 11/2012 Division of Cardiac Surgery Grand Rounds (Halifax, NS). **IWK Update: Clinical, administrative, teaching and research**
- 11/2012 Discovery Days in Health Sciences. The Canadian Medical Hall of Fame / Faculty of Medicine Dalhousie University (Halifax, NS). **Career options: Pediatric cardiac surgery and all that entails**
- 10/2012 Canadian Cardiovascular Congress (Toronto, ON). **Workshop: Controversies in the management of infective endocarditis: a pediatric cardiac surgical perspective.**
- 10/2012 Picchione Lecture – panel discussion (Halifax, NS). **Prevention of childhood obesity “Introduction of the problem”** Dr. CL Hancock Friesen; Dr. Robert Strang (Childhood obesity in NS Dept of Health and Wellness); Dr. Yoni Freedhoff (Current Legislation; Bariatric Medical Institute, Ottawa); Dr. Sara Kirk (Financial cost and mechanisms of obesity; Health and Human Performance, Dalhousie University)
- 10/2012 Department of Surgery Grand Rounds, Dalhousie University (Halifax, NS). **Why is a Heart surgeon doing health promotion research?**
- 04/2011 National pediatric cardiology grand rounds (Halifax, NS). (Teleconference broadcast to University of British Columbia, University of Alberta, University of Saskatchewan, Children's Health Eastern Ontario, University of Toronto, Memorial University. **A systemic approach to pediatric cardiac surgery complications.** CL Hancock Friesen. Invited discussant Dr. WG Williams
- 04/2011 Department of Surgery Grand Rounds (Halifax, NS) **Case volume, cardioplegia and complications; an update on the IWK Division of pediatric cardiac surgery**
- 01/2011 Division of Cardiac Surgery Grand Rounds (Halifax, NS) **Case volume, cardioplegia and complications; an update on the IWK Division of pediatric cardiac surgery.**
- 10/2010 Canadian Cardiovascular Congress, (Montreal, QC). **Pediatric cardiology symposium: Mitral valve surgery: options & challenges.** C Hancock Friesen
- 04/2009 St. John's Regional Health Sciences Center (St. John's, NL). Research Rounds **(Clinical outcomes research: “How to do it”), Pediatric Grand Rounds (Current innovations in pediatric cardiology and cardiac surgery), Pediatric Journal Club, Pediatric Resident Academic Half Day**
- 10/2008 Canadian Cardiovascular Congress (Montreal, QC): Pediatric Cardiology Symposium Debate (vs. Dr. Lee Benson) **Con: Balloon dilation is the preferred therapy for a three-month-old with native aortic coarctation**
- 06/2007 3<sup>rd</sup> Annual Toronto Symposium (Toronto, ON). **Coarctation of the aorta – How we manage coarctation in a three month old? - Counterpoint: Presents pros for should surgical correction**
- 04/2007 Division of Cardiology Rounds, IWK Health Centre (Halifax, NS). **Cardiopulmonary bypass and circulatory arrest.**
- 01/2007 Open Heart Patient Support Group (Halifax, NS) **What's new at the Maritime Heart Centre?**
- 09/2006 IWK Foundation Annual General Meeting (Halifax, NS) **Our firsts.... Innovations in pediatric cardiac surgery IWK 2004-2006**



06/2006	Division of Cardiology Rounds, IWK Heart Centre (Halifax, NS) <b>Principles of Surgery</b> 301 (The advanced course for cardiologists)
04/2006	Gift of Life Celebration, IWK Health Centre (Halifax, NS) <b>Honoring donor families</b>
02/2006	Division of Cardiac Surgery Rounds, Halifax Infirmary (Halifax, NS) <b>Cardioplegia revisited: New insights into an old topic?</b>
10/2005	Canadian Cardiovascular Congress (Montreal, QC) <b>Arrhythmia surgery in adults with two ventricles congenital heart disease.</b>
09/2005	Heart Talk Conference (Halifax, NS) <b>In search of allostasis</b>
02/2004	Saint John Regional Hospital Journal Club, Division of Pediatrics (Saint John, NB) <b>What is a big enough program? How do we avoid the Bristol/Winnipeg Syndrome?</b>
02/2004	Saint John Regional Hospital Department of Pediatrics Grand Rounds (Saint John, NB) <b>Tetralogy of Fallot follow-up; how well are we doing?</b>
04/2003	Edwards Young Cardiac Surgeons of Canada Meeting (Turks and Caicos) Clinical case presentation: <b>Early graft occlusion after off-pump CABG</b>
11/2001	The Children's Hospital Cardiac Nurse Education Workshop (Boston, MA) <b>Extracardiac and conversion Fontans</b>
10/2001	Canadian Cardiovascular Congress, Canadian Association of Perfusionists (Halifax, NS) <b>pH Stat versus Alpha Stat: Acid base management strategies in pediatric cardiopulmonary bypass</b>

## PUBLICATIONS

1. Is the slide worth the run? Invited Commentary. **CL Hancock Friesen**, RDB Jaquiss. Accepted, *Sem Thorac Cardiovasc Surg*. STCVS-D-20-00161R2
2. Are we there yet? Invited Commentary. **CL Hancock Friesen**, T Hussain. Accepted, *J Thorac Cardiovasc Surg* YMTC16547
3. Is the die cast by surgeon's choice or patient's anatomy? Late outcomes in tetralogy of Fallot. Invited Commentary. **CL Hancock Friesen**, RDB Jaquiss. In Press, *Can J Cardiol* DOI: 10.1016/j.cjca.2020.03.039
4. Tricuspid Intervention Following Pulmonary Valve Replacement in Adults With Congenital Heart Disease. Deshaies C, Trottier H, Khairy P, Al-Aklabi M, Beauchesne L, Bernier P-L, Dhillon S, Gandhi S.K., Haller C, **Hancock Friesen CL**, Hickey E.J., Horne D, Jacque F, Kiess M.C., Perron J, Rodriguez M, Poirier N.C., Canadian Congenital Cardiac Collaboration. *JACC* 2020;75:1033-1043
5. What's in an Algorithm? Invited Commentary. J Wolovits, **C Hancock Friesen**. *J Thorac Cardiovasc Surg* 2019;158:1218-9
6. A Risk Management Strategy for Managing Critical Human Resource Changes in a Pediatric Heart Program. **Hancock Friesen CL**, Lockhart AT, O'Blenes SB, Moutlton DT, Finley JP, Warren AE. *Can J Cardiol* 2019;1:219-224
7. Truncus arteriosus: An updated benchmark for clinical management of an important congenital cardiac malformation. Invited Editorial. **Hancock Friesen CL**, Jaquiss RDB. *Can J Cardiol* 2019 Apr;35(4):376-378
8. It takes a village. Invited Commentary. **CL Hancock Friesen**. *J Thorac Cardiovasc Surg* 2019;158:1197-8
9. When an analogy has reached the extent of its usefulness. Response to Letter to the Editor. Hancock Friesen CL, Jaquiss RDB. *J Thorac Cardiovasc Surg* 2018;156:1221
10. If airlines can do it, we can too... Invited Commentary. **Hancock Friesen CL**, Jaquiss RDB. *J Thorac Cardiovasc Surg*, 2018 Feb;155(2):688-689
11. Early survival following in-utero myocardial infarction. Cosgrove P, Modi S, Lawson K, **Hancock-Friesen C**, Johnson G. *Cardiol Young*, 2018 Oct;28(10):1079-1087

12. Recurrent Strokes After Gore Septal Occluder Device Closure of Atrial Septal Defect. Alhadlaq, Adnan; Hussain, Arif; **Hancock Friesen, CL**; Dhillon, Santokh. *Can J Cardiol*, 2017; 33:1736.e9-1736.e11
13. Development of a Rat Clinical Frailty Index. A Yorke, A E Kane, **CL Hancock Friesen, SE** Howlett, S O'Blenes. *J of Gerontology*, 2017 July;72(7):897-903
14. A hidden culprit for ventricular dysfunction in aortopulmonary window repair: Anomalous origin of left coronary artery. Case report and review of literature. Alhadlaq, A, Dhillon S, **Hancock Friesen C L**, Hussain A. *Can J Cardiol* 2017 Dec;33(12):1736
15. Protecting the aged heart during cardiac surgery: Single dose del Nido is superior to multidose cardioplegia in isolated hearts. Govindpillai A, Howlett S, **Hancock Friesen CL**, O'Blenes, SB. *Perfusion* 2016;31(2):135-42
16. Rationale and Design of the Canadian Outcomes Registry Late after Tetralogy of Fallot repair: The CORRELATE study. RM Wald, Mustafa A Althera, Manette Alvarez, Christopher Caldarone, Tiscar Cavelle-Garrido, Frederic Dallaire, Christian Drolet, Jasmine Grewal, **Camille L Hancock Friesen et.al.** *Can J Cardiol* 2014 Nov;30(11): 1436-43
17. Canadian Cardiovascular Society and Choosing Wisely Canada: The Road to Creating a List of *Five Things Physicians and Patients Should Question*. Ayach, B., Burwash, I., Davies, R., Graham, M., **Hancock Friesen, C.**, Marr, D et.al. *Can J Cardiol* 2014;30(8):949-99
18. Peer mentoring is associated with positive change in physical activity and aerobic fitness of grades 4, 5, and 6 students in the Heart Healthy Kids (H2K) program. Spencer, R.A., Bower, J.L., Kirk, S.F.L., **Hancock Friesen, CL.** *Health Promotion Practice*, 2014; 15(6):803-11
19. The Na<sup>+</sup>/Ca<sup>2+</sup> exchange inhibitor SEA0400 limits intracellular Ca<sup>2+</sup> accumulation and improves recovery of ventricular function when added to cardioplegia. Egar J, Ali A, Howlett SE, **Friesen CH**, O'Blenes S. *J Cardiothorac Surg*, 2014 Jan 8;9:11
20. Early Repair of Congenital Heart Disease Associated with Increased Attention Deficit Hyperactivity Symptoms. DC Yamada, AA Porter, JL Conway, JC LeBlanc, SE Shea, **CL Hancock Friesen**, AE Warren. *Can J Cardiol* 2013;29(12):1623-28
21. Adding peer mentors to a school-based physical activity pilot: The Heart Healthy Kids program. Spencer, R., Bower, J., Miller, J., Yates, G., Kirk, S., **Hancock Friesen, C.** *Phys Health Ed J Can*, 2013;79(3):14-20
22. Protecting the Aged Heart during Cardiac Surgery: Use of delNido Cardioplegia Provides Superior Functional Recovery in Isolated Hearts. J Egar, A Ali, **CL Hancock Friesen, SE** Howlett, SB O'Blenes 2013. *J Thorac Cardiovasc Surg* 2013; 146:940-8
23. Complete revascularization is compromised in off-pump coronary artery bypass grafting. M Robertson, KJ Buth, JA Sullivan, JR Wood, GM Hirsch, **CL Hancock Friesen.** *J Thorac Cardiovasc Surg* 2013; 145:992-8
24. Neutrophils are responsible for impaired medial smooth muscle cell recovery and exaggerated allograft vasculopathy in aortic allografts exposed to prolonged cold ischemia. MC So, TDG Lee, **CL Hancock Friesen.** *J Heart Lung Transplant* 2013; 32:360-7
25. Real-Time complication monitoring in pediatric cardiac surgery. Belliveau D, Burton HJ, O'Blenes, SB, Warren AE, **Hancock Friesen CL.** *Ann Thorac Surg* 2012; 94:1596-1602
26. Improving and standardizing the capture of pediatric cardiac surgical complications. G Shanmugam, LL Clark, HJ Burton, AE Warren, SB O'Blenes, **CL Hancock Friesen.** *J Thorac Cardiovasc Surg* 2012;144(3):570-6
27. Follow up of Tetralogy of Fallot Patients: Tertiary Center versus Satellite clinic. **CL Hancock Friesen**, M Robertson, D Liu, H Burton, K Fleming, S Jackson, AE Warren. *Cardiol Young* 2011; 21:444-453
28. Protecting the Aged Heart During Cardiac Surgery: The Potential Benefits of delNido Cardioplegia. SB O'Blenes, **CL Hancock Friesen**, A Ali, S Howlett. *J Thorac Cardiovasc Surg* 2011; 141:762-770

29. Scaling up a school-based Pilot: H2K –The Heart Healthy Kids Program. R Spencer, J Bower, J Hoyt, J Miller, G Yates, S Kirk, **C Hancock Friesen**. *CIHR Institute of Population and Public Health Initiative-Population Health Intervention Research Casebook*, 2011; pp 31-35
30. Early Innate Immune Events Induced by Prolonged Cold Ischemia Exacerbate Allograft Vasculopathy. JJ Devitt, CL King, TDG Lee, **CL Hancock Friesen**. *J Cardiothorac Surg* 2010; 6:2
31. A North American, Prospective, Multicenter Assessment of the Mitroflow Aortic Pericardial Prosthesis. Conte J, Weissman N, Dearani JA, Bavaria J, Heimansohn D, Dembitsky W, Doyle D. *Ann Thorac Surg* 2010; 90:144-52
32. Neutrophil mediated medial smooth muscle cell loss precedes allograft vasculopathy. CL King, JJ Devitt, TDG Lee, **CL Hancock Friesen** *J Cardiothorac Surg* 2010 June 22; 5:52
33. Division of the inferior vena cava for access to post-repair pulmonary venous obstruction. Mark W Robertson., David Liu, **Camille L Hancock Friesen**. *Ann Thorac Surg* 2010;89(4):1310-11
34. Commotio cordis and ventricular pseudoaneurysm. Fox SA, Templeton C, **Hancock-Friesen C**, Chen R. *Can J Cardiol* 2009;25(4):237-8
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## PERSONAL INTERESTS

**Cow Breeding:** Black Angus, Aledo, TX ; Herd size 44 (2018 – present)

**Welding:** Creative Arts Center of Dallas; Lessons (2018)

**Language Study:** French Lessons (2004); Spanish Lessons (2014-15)

**Stained glass / photography/welding:** recreational

**Swimming:** Bronze Cross Certified, Masters Swim Club Competitor

**Running:** Recreational and competitive; currently mileage 25-30 miles/week

**Horse Riding:** American Quarter Horse Association Member and Breeder; Team Cattle Penning Competitor

**Scuba Diving:** NAUI/PADI Certified; 22 open water dives (Australia, Barbados, Dominican Republic, Hawaii, and Mexico)

**Pianist:** Royal Conservatory of Music (Grade X with honors); Provincial Level Competitor, Instructor