

# *CURRICULUM VITAE*

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## GENERAL INFORMATION

**Date of Birth** 24 December 1959

**Home Address** 5960 Inglewood Drive  
Halifax, NS  
Canada B3H 1B2

**Telephone No** (902) 488-0128 (cell)

**Marital Status** Married with three children

**Secondary Education** A-levels (Physics, Chemistry, Biology)  
Advanced Math (1979)

**Post-Secondary Education** MBBS (St Bartholomew's Hospital  
University of London UK 1983)  
MRCP 1988

**Post Graduate Education** Assistant Professor Pediatrics Memorial University NF (1992-7)  
LMCC (1994) FRCPC (1995)  
Assistant Professor Pediatrics Dalhousie University NS (1997-9)  
Associate Professor Pediatrics Dalhousie University NS (1999-2007)

Professor Pediatrics Dalhousie University NS (2007-Present)

## **Registration**

Nova Scotia College of Physicians and Surgeons  
NS Medical Services Insurance (MSI)

## **Member of Learned Societies**

British Pediatric Association (Past)

Royal College of Physicians (UK) (Past)

Fellow of the Royal College of Physicians (Canada)

Canadian Pediatric Society (CPS)

Canadian Association of Medical Education (CAME)

Association of Faculties of Medicine of Canada (AFMC)

CHARGE Canada and CHARGE Foundation USA

## **ACADEMIC APPOINTMENTS**

### **Junior House Physician (HP) (1983 – 1984)**

HP to Prof Malpas and Dr. Lister (Oncology Unit), St. Bartholomews Hospital, West Smithfield, London.

HP to Dr. Huskisson (Rheumatology) and Dr. Britton (Chest Medicine), St. Bartholomews Hospital, West Smithfield, London.

HS to Ms. Wellwood (General Surgery), Whipps Cross Hospital, London.

### **Senior House Officer (SHO) (1984 – 1987)**

SHO in Obstetrics and Gynaecology to Mr. Holt Royal Berkshire Hospital Reading

SHO in Pediatrics to Dr. McEnery, Dr. Lewis and Dr. Stroobant at Whipps Cross Hospital, London

SHO Casualty at St. Bartholomews and Hackney Hospitals to Mr. Miles and Mr. Skinner

SHO Neonatology at University College Hospital, London (Regional Intensive Care Centre), to Prof Reynolds, Dr. Shaw, and Dr. Ramsden

SHO in Pediatric Cardiology, at Great Ormond Street Hospital, London to Prof. MacArtney, Dr. Rees, Dr. Taylor, Dr. Bull, Dr. Deanfield

Community Medical Officer for City of London Health Authority to Dr. Jenkins Consultant Community Pediatrician.

### **Registrar Appointments (1987-1990)**

The Royal London Hospital (18 months) Newham District General Hospital. Dr. Snodgrass, Dr. Harris, Dr. Hamner

## **Senior Registrar Appointments (1990-1992)**

The Royal Free Hospital, London. Professor Brent Taylor, Dr. Andrew Evans (neuro-developmental Pediatrician), Dr. Leslie Rees (nephrology)

## **Assistant Professor Pediatrics (1992-1997)**

Memorial University, St John's NF, Canada

## **Assistant Professor Pediatrics (1997-1999)**

Dalhousie University, St John's NF, Canada

## **Associate Professor Pediatrics (1999-2007)**

Dalhousie University, Halifax, NS, Canada

## **Associate Dean Undergraduate Medical Education (2006-2008)**

Dalhousie University, Halifax, NS, Canada

## **Professor Pediatrics (2007-present)**

Dalhousie University, Halifax, NS, Canada

## **AWARDS**

### **Teaching**

Silver Shovel Award for exemplary teaching in the clerkship years, presented by the students of the year 1999.

Silver Shovel Award for exemplary teaching in the clerkship years, presented by the students of the year 2000.

The Canadian Association of Medical Educators (CAME) and the Canadian Association of Medical Publishers. The junior award for contributions to medical education 2001.

An 'outstanding Medical Education research award' for research paper titled 'Learning Adolescent Psychosocial Interviewing Using Simulated Patients' at the American Academy of Medical Colleagues – Research in Medical Education (AAMC-RIME 2000).

Academic contribution to medical student education at a national level. Computer-Assisted Learning in Pediatrics Program (CLIPP), 2009

### **Clinical**

"A Star in CHARGE Award" presented at the 5<sup>th</sup> International CHARGE Foundation Conference 2001.

### **Supervisory**

Leanne van Amstel, won the Research Paper Presentation Award at the First Dalhousie University, Department of Pediatrics Research Day 2001.

Dr. Karina Issekutz won the Dr. J. Donald Hatcher Prize. DMRF award given to a medical student upon graduation for excellence in research 2005.

Webster Studentship to Kelly Morris for Research in Immunology and Genetics 2005.

Rachel Muellenger won the Stuart Robinson Award for outstanding performance in Med 1 Elective, 2013.

Hana Weimer won the award for Interprofessional and Undergraduate Student Health Research Day, first place poster, 2012

Kellie Cloney – Modelling CHARGE syndrome in zebrafish: A look at the innervation and function of the gastrointestinal and cardiac systems. Dalhousie RIM Research Day, 2015, Best Platform presentation for all medical students presenting.  
Alexandra Hudson - Quality of life in adolescents and adults with CHARGE syndrome. IWK Pediatric Research Day, 2016. Best oral presentation for a medical student.

**Reviewerships** Acknowledged as a top twenty reviewer for MedEdPORTAL. “This outstanding reviewer distinction recognizes twenty reviewers who have completed at least two of our most comprehensive and highest quality reviews that we received”. 2011 and 2012

## **REVIEWERSHIPS (Appendix A for selected reviews)**

Medical Education; Medical Teacher; Clinical Teacher, MedEdPORTAL Academic Medicine; Pediatrics; Pediatrics and Child Health; Clinical Pediatrics; American Journal; Medical Genetics; Ambulatory Pediatrics; Journal of Medical Genetics; Canadian Journal of Public Health; Advances in Health Science Education; Developmental Medicine & Child Neurology, European Journal of Medical Genetics, Academic Pediatrics, Clinical Genetics, Advances in Medical Education and Practice, SM Journal of Case Reports

## **APPOINTMENTS**

**University** Department of Pediatrics Memorial University Newfoundland  
Department of Pediatrics Dalhousie University Nova Scotia  
Division of Medical Education Dalhousie University

**Administrative** Undergraduate Pediatrics Program Director of Memorial University Newfoundland  
Undergraduate Pediatrics Program Director of Dalhousie University Nova Scotia  
Co-director of PUPDOC (Pediatric Undergraduate Program Directors of Canada)  
Associate Dean Undergraduate Medical Education, Dalhousie University Nova Scotia\*

## **Clinical Experience – Janeway Hospital 1992 –1997**

Consultant Pediatrician in Department of Child Development.  
Learning Behaviour Clinic (ADHD and Learning Disabilities),  
Communication Disorder Clinic (Autism, Pervasive Development Disorders), Perinatal Follow-up, Down Syndrome and Dysmorphic Clinic and Cerebral Palsy (associated with Rehabilitation Centre)  
Child protection 1:4 on call, monthly child protection clinic, acute emergency assessments and court appearances  
Neonatal ICU: on call one weekend per month  
Travelling clinics to rural Newfoundland and Labrador with case conferences involving community schools.

## **Clinical Experience – IWK Health Centre 1997 – present**

Emergency Pediatric Consultant (1997- 1999)

Paediatric Medical Unit (PMU) 4-6 weeks per year.

General Pediatric Consultations and ambulatory clinics.

Specialised Pediatric consultations of children with CHARGE Syndrome, autism and ADD.

Child Protection on call and clinic visits for child neglect and abuse. For 10 months I was the medical director of the child abuse program.

Court attendance for child abuse and neglect (1997 – 2014)

## **Teaching – Undergraduate (1992 - 1997)**

Clinical skills teaching third and fourth year

Growth and development course, second year medicine

The Simulated Pediatric Patient program in Med II pediatric bedside teaching at Memorial University (see research)

Demonstrations with videotapes showing infants and children with normal development and cerebral palsy.

## **Teaching – Undergraduate (1997 - Present)**

Introduction to Clerkship. Paediatric overview (1997-2007)

Human Sexuality Course for Medical Students – Group Facilitator

Teaching Sessions with Clerks on Emergency Topics and physical examination (2 Hours – weekly 1997-2003).

Link Course for Malaysian Students – Pediatric Component – developed and taught in course and revised course.

Videotapes of examination of the cardiac and respiratory examination

Preceptor of clerks and residents who enter the ambulatory setting. My focus is on feedback and evaluation.

As the attending on the P.M.U. Residents and Clerks are supervised in their clinical work and teaching.

Facilitator in Patient-Doctor Med II

Lecture Med II – Examination of Pediatric patients (1999-2007).

Communication Skills Course – Patient Doctor Unit Med I – Lecture

Med 1 Patient -- Doctor -- Communication Skills Group Facilitator.

Tri-IPAAC (Tri-faculty Inter-professional Academic Advisory Committee) "Learning to work together". Inter-professional Module for Students, Health Professions – Group Facilitator (1997-2007)

LMCC- revision course – organize and produce questions for residents and myself to present to fourth-year clerks (1997-present)

Community Visit Facilitator – in Clerkship every 6 weeks (1999 – 2003).

Ambulatory Pediatric Clinic Preceptor of Students -- 2 Clinics Weekly.

“Clinical Scenario” Clerkship Presentations – every 6 weeks – edited by faculty and uploaded to DalMedix. Developed and Facilitation.

LMCC – “CRAM’ Cover Extended match questions (2008 - present)

COPs Teaching (yearly)

PROCOMP – Adolescent Health (2000 – present)

PROCOMP – Panel Discussion (organizer), Ethics and the Mature Minor (2012 – present)

Skilled Clinician (MED 1) including communication skills, history & physical with adult patient (2016/2017)

## **Development of Teaching Material at Dalhousie University (1997 - Present)**

### **Med 1 & 11**

Adolescent Lecture – demonstration of adolescent interviewing

Case –based adolescent sessions in COPS Respiratory & Cardiovascular Unit at the Learning Resource Centre.

Videotape production of interview for Med I Communication Skills lecture.

Developed (2000) and Revised (2004 / 6). Med II Case Booklet – to be used in Patient Doctor Unit

Communications Skills. Videotape developed for plenary session in Med I Communications Skills Course.

Adolescent lecture introduced ‘gay’ male interview.

Revised PROCOMP Panel Discussion on Ethics and the Mature Minor

Developed multiple choice questions for Human Sexuality and Adolescent component of Human Development and PROCOMP Unit on Adolescent Health

### **Med III & 1V Clerkship**

Community visit for Third Year Clerks. Now a core part of NB rotation.

Revision course for LMCC.

Malaysian (IMU) entering Med III-designed a Link Course for Integration of Communication Skills and Pediatrics.

The Pediatric Log Book for Clerkship.

The Structured Adolescent Communication Guide (SCAG) for adolescent feedback to students, 2003-Present

Revision of Clerkship Manual for Med III Students

Chronic Preventative Care Unit (CPCU) -- developed Pediatric Objectives for Unit.

Developed CGAG (Comprehensive Geriatric Assessment Guide)

### **Introduction to Clerkship Course (ITC).**

Adolescents - review & practice with Simulated Patients (now incorporated into Med II)

Toddler/Tots - review & practice with Simulated Patients (now incorporated into Med II)

Chart Review, Discharge, Prescribing

A Guide to Dictation in the Ambulatory Setting

The CLIPP – Computer Learning Interactive Pediatric Program

## **Teaching Innovations Selected**

### **Memorial University**

Standardised patient teaching scenarios in pediatrics for the Patient doctor Unit. This initiative was developed and has been incorporated into the Dalhousie patient doctor Unit at the LRC.

## Dalhousie University

The clinical case scenarios. These are 10-minute PowerPoint presentations written by clerks, edited by faculty, and then uploaded on the DalMedix Intranet. These cases will supplement learning for Ed 2. Obstetrics and Gynaecology have introduced clinical case scenarios as of January 2006. The SCAG (Structured Communication Adolescent Guide) has been validated for mandatory use in the Dalhousie & Calgary Clerkships. Identification of Weak Students during the ITC -- giving them structured simulated experiences (2000). This was a pilot and should be continued. Med II students exchange video for student-to-student feedback (2006). Designed CGAG (Comprehensive Geriatric Assessment Guide) (2007) Designed CRAM (Curriculum Review and Mastery) (2008) International Medical Graduates Program (IMG) Dalhousie (2010) Developed the SCAG (Structured Communication Adolescent Guide) in French, German, Spanish, Arabic and Mandarin.

### **Teaching Evaluations Developed**

Clinical Observed History and Physical (COHP) in Pediatrics. Objective to teach and give feedback to a student 1:1 with faculty.

Observed Structured Clinical Examination (OSCE) for second and third year medical students at Memorial University.

The formative OSCE examination at Dalhousie, which replaced the short answer oral exams.

Development of the multiple-choice examination and practice examination question bank.

Standard Setting for OSCE's.

OSCE - New "written" OSCE format developed.

OSCE – Rewritten cardiovascular exam OSCE with simulated murmurs.

Structured teaching clinics with formative feedback in an ambulatory setting.

Type 'B' Critical thinking Case question development for end of Clerkship MCQ Exam.

### **Teaching – Postgraduate Selected**

Residents in Clinic.

Preparation for fellowship exams for residents, short answer exam questions.

OSCE's for Pediatric residents.

Evaluation of residents' performance with adolescent patients. This programme involved video sessions with each resident and an adolescent SP. The Royal College evaluation was modified for assessing communication skills with adolescents.

Resident teaching using Standardised Patients to prepare for FRCPC

Supervision of resident research projects.

Tutorial on Adolescent Issues for PGY2 – Abby Lane

OSCE for Pediatric residents (ADHD) (2011)

Re-organized Family Medicine Resident Experience in Pediatrics  
Introduced the SCAG and Competency Evaluation Form with Fiona Bergin

Adolescent teaching for R1 residents, 2 hour workshop with practice cases (2012 – present)

### **Teaching – CME Selected**

Paediatric Retreat – on Medical Education

Video and Workbook on Adolescent Interviewing for Family Doctors. A CME Initiative 2003

Lectures in rural NF (Autism, PDD, ADHD, Learning Disabilities)

Attention Deficit Disorder to the school boards and MUN

Dalhousie Annual Refresher Course, Emergency Medicine, Croup and related Upper Airway Problems

Dalhousie Annual Refresher course – Workshop on Adolescent Interviewing

Adolescent Interviews & OSCE Training for International Medical Graduates (2005 – Present).

How to Interview Adolescents, Bridgewater, 2010.

### **Medical Education Research Training and Experience**

Fellowship with the AAMC in medical education research. (1998 – 2000)  
Dr. Karen Mann has been my mentor in the last 9 years.

I was the first faculty at Memorial University to obtain a Research and Development grant for medical education research, entitled: ‘ Teaching using simulated Pediatric scenarios.’

Dr. Silverman Communication Skills Workshops

Workshop on Quantitative Evaluation, COMSEP 2005.

With a research team, I have developed the Structured Communication Adolescent Guide (SCAG) and established its validity and reliability.

The SCAG is known nationally and internationally. The SCAG is included in “Nelson’s Essentials of Pediatrics, 5<sup>th</sup> edition” a pivotal book in Undergraduate Pediatric Medicine.

I attend one Medical Education Conferences per year for CME and workshops on medical education research and development.

Working on research using the SCAG in post-graduate education and in CME.

The SCAG is now available in 6 languages; English, French, Arabic, Spanish, Mandarin, German.

Analysis of the written component of the SCAG completed by adolescent patients.

### **International Student Education**

Malaysian student (IMU) LINK program. Conception of the program and contributed yearly.

Organized Korean Students in Pediatric experience for International Health Office. Summer 2005.



## Research - General

Down syndrome database for Newfoundland and Labrador.

Musicians' earplugs for children with pervasive developmental disorders, who have hypersensitivity to sound. Collaboration with the Speech Language, Audiology and Child Development at the Janeway hospital.

Participated in a Research Ethics Audit for the IWK 2003/04. Information can be obtained from Dr. R. Bortolussi.

Psychosocial documentation in the ER charts of adolescent patient.

Leanne van Amstel (Med II) presented this work, and won the outstanding research presentation at the first Pediatric Research Day (2001).

Log book documentation of advocacy in residency (PI – Amy Ornstein)

CHARGE syndrome – I have undertaken general research in many aspects of this genetic disorder, which has spanned over 20 years.

- CHARGE syndrome 0-33 years; an overview
- Bone Health in CHARGE syndrome
- Detailed ophthalmological assessment in CHARGE syndrome
- Post Operative airway events in CHARGE syndrome
- Behavioral profiles and symptoms of autism in CHARGE syndrome.
- Feeding Development in CHARGE syndrome
- Adolescent issues in CHARGE syndrome
- Use of Botox in CHARGE syndrome
- Sleep apnea and obstructive airway in CHARGE syndrome
- Cranial Nerves in CHARGE syndrome
- GI Motility Issues in CHARGE syndrome
- Swallowing and Feeding Studies in CHARGE syndrome

The epidemiology of CHARGE syndrome was part of a three-year study with the CPSP (Canadian Pediatrics Surveillance Program) and has resulted in a number of papers in the American Journal of Medical Genetics in 2005.

Genetic analysis in CHARGE Syndrome has been completed on a British and Canadian Population (2006).

Zebrafish research collaboration with Jason Berman, 4 year study where we've discovered abnormalities of the enteric nervous system and vagal nerve involvement to be published in a high-impact journal 2017.

Zebrafish collaboration looking at PHOX2B expression in the CHARGE zebrafish.

## Selected Personal CME

The TIPS Teaching Program Memorial

Consensus Meeting On Simulated Patient Teaching. Washington.

AAMC, attended workshops.

Workshop conducted by Bruce Squires, editor of CMAJ, on writing research for publications.

Two-day site visit on Training the Simulated Pediatric Patient. McMaster University.

One-Day Workshop by Dr Cohen on Design of OSCE questions.

Changing Worlds Diversities and Health.

Centre for Teaching and Learning. ½ day workshop on diversity and teaching.

Professionalism and Medicine's Social Contract with Society by Cruess

The Association of Faculties of Medicine of Canada (AFMC)

Workshop conducted by Dr. Mamta Gautam on Balancing your personal and professional life

Working Effectively with Conflict in Interprofessional Teams

Child Abuse & Neglect Workshop & Presentation - 2010 San Diego

International Conference on Child Family Maltreatment

Case-Based Teaching – 2010

How to Write Objectives – 2010

Talking with Adolescents – 2010

Department of Pediatrics Annual Research Trainee Day (2012 – present)

### **Research Students Supervised**

Memorial University 1995 -1997. Summer Studentships (8 students)

Dalhousie University 2-3 medical students/yr are involved in my research, all have achieved abstract presentations and the majority publications.

1-2 research (RIM) students every year (2013 – present)

(see Appendix C for student list)

### **Research - International Recognition**

Adolescent and Adult issues in CHARGE Syndrome

Medical Education Research with Adolescent Standardised Patients

### **Practice Audit**

Sensorineural deafness in Newfoundland. Results confirmed the hypothesis that Newfoundland was not in line with the American Society of Pediatrics position paper on Detection of Auditory Loss in Children.

Short-term outcome of neonates that have been Jet ventilated in 1993-1994.

### **Administration Experience Selective**

**Chair / Co-Chair** Chair - Pediatric Undergraduate Medical Education Committee (PUMEC) Dalhousie University (1999 – 2006)

Co-Chair - Women, Children & Youth Committee (1999 - 2002).

Co-Chair, Pediatric Undergraduate Program Director of Canada (PUPDOC) (1997- 2006)

Chair – Curriculum Committee as Associate Dean of UME (2006 – 2008)

**Committee member** COPS YEARS III & IV Committee (1997- 2008)

Med III & IV Promotions Committee (1997 – 2008)

Unit Heads of Clerkship Committee Meeting (1997-2008)

Pediatric Education Retreat (1997-1998 & 2006)

Patient-Doctor Med I and Med II Review Committee Report Formulated and Interview Documentation (1998-1999)  
Division of Medical Education Committee (Research Grant reviewer for Division Medical Education Grants - 1999-2002)  
Malaysian Student (IMU) Link Program Committee (1999-2008)  
Faculty Development Advisory Committee (2000-2008)  
Obstetrics & Gynaecology Review Committee (2002-2003).  
Deliverable Committee for Medical Education - Pediatrics (2004-2006)  
Evaluation subcommittee for clerkship (2005)  
Organizing Committee Member for Fifth International Clinical Skills Conference Prato, Tuscany (2013)  
Organizing Committee Member for Fifth International Clinical Skills Conference Prato, Tuscany (2014)  
Editorial Team for SM Journal of Case Reports (2015)

### **Grand Rounds – Memorial University 1993-1997**

Injury prevention. Aspects of medical education; The interface between schools and the medical profession; Simulated Patients and introduction into medical education. ADHD; Sensorineural hearing loss; CPS highlights; Aspergers syndrome; CHARGE Association.

### **Grand Rounds – Dalhousie University 1997- Present**

Telemedicine in Undergraduate Pediatric Education; Simulated Patients - Use in Teaching; CHARGE Association as an example of Children with Multiple System Involvement (Saint John NB); “Journey to the Outer Limits - Marks Report of a Community Project”; CHARGE into the Adolescent and Adult Decades. The Adolescent Interview: Hold onto Your HEADDSSS

### **Grand Rounds – National (Invited)**

McMaster University, 2013, “Who’s in CHARGE”

### **Important Other Contributions**

Examiner Medical Council of Canada Qualifying Examination Part II MC for the Gala Dinner for Convocation 2003  
Presentation of Hippocratic Oath Fall Convocation 2005  
Medical Examiner in Pediatrics in Kuwait 2012, 2013  
Research in Medicine (RIM) Research Day Judge, 2015  
External reviewer for 2015 AAMC Medical Education Meeting Call for Submissions, 2015  
Collaborative Approach to Documentation by Pharmacists – Invited March 2016

## Media Selected

Revision of CMA's Counselling Guidelines for HIV Testing.  
'Marriage Babies and the on Call Schedule ' - Students organized talk.  
Med Quest and Metro Med - program designed to promote health science professions and increase awareness of science and technology in NF and Canada.  
Evaluation and up-dated guidelines for Pre-School medical assessments. Five focus meetings and subsequent guidelines throughout the Province Newfoundland.  
Live at 5 Interview on Marijuana use in Children/Youth/Teens  
IWK Telethon – Hosting “Where do your telethon dollars go?”  
Radiothon & IWK Telethon on CHARGE  
Today's Parent, 2003 - Booboo Basics and others  
Interview with CHARGE Syndrome for Telethon 2006  
Interviewed by CBC – Facebook Rape 2010  
Media request from Parent Canada Magazine – nail health care. 2011  
Media request from Today's Parent – cold sores. 2012

## GRANTS AWARDED

\$12,000. To assess the Down Syndrome children who are being seen through the child development department [Janeway Research Foundation 1993]

\$ 3,000. To study the effectiveness of musician earplugs in autistic children who have hypersensitivity to sound [Janeway Research Foundation and NF Autism Society 1994]

\$ 2,450. Evaluation of a clinical skills teaching programme using simulated scenarios in pre-school aged children with their parents [Janeway Research Foundation 1994]

\$ 4,750. Evaluation of a clinical skills teaching programme using simulated scenarios in pre-school aged children with their parents [Memorial University: Research & Development Committee 1994]

\$20,380. Division of Medical Education Research grant. Adolescent Simulated patients in undergraduate medicine. (April 1998)

\$ 4,843. Division of Medical Education Research grant. Learning Adolescent Medicine Using Simulated Patients. (Jan. 1999)

\$ 4,000. FMER - Fellowship in Medical Education Research. Awarded from AAMC with financial support from Dept. of Pediatrics, IWK Health Centre (2-year fellowship).

\$ 2,500. Summer Studentship Award re Leanne Van Amstel on Psychosocial Assessment in the ER: Testing of an Intervention Technique (June 1999).

\$ 1,500. Travel fund for Summer Students to present paper.

\$ 610. Professional Development Fund for Sabe De (Medical Student) to attend CPS (June 1999).

- \$12,183. Division of Medical Education, A Reliability and Validity of a Structured Communication Adolescent Guide" (SCAG) (January 2000).
- \$14,500. Type B IWK Health Centre -- Incidence and Prevalence of CHARGE Association/Syndrome (June 2001).
- \$ 7,500. CHARGE Foundation, USA – Incidence and Prevalence of CHARGE Association/Syndrome (July 2001).
- \$ 2,024. Summer Studentship Award re Marie Abi Daoud on "Incidence and Prevalence of CHARGE Association/Syndrome (A/S) (2001).
- \$ 1,500.
- \$48,780. RCPC Medical Education Research Grant proposal -- Co-investigator -- A Methodology for Identifying and Understanding Exemplary Patient-Physician Communication (October 2001).
- \$15,000. Division of Medical Education Research Grant. Co-investigator – A Methodology for Identifying and Understanding Exemplary Patient-Physician Communication (2002).
- \$ 2,985. Grant - IWK Health Centre. Co-Investigator – CHARGE Syndrome: Defining a Behavioural and Developmental Phenotype.
- \$ 1,500. Division of Medical Education, Reliability and Validity of a Structured Communication Adolescent Guide (SCAG) (March 2002).
- \$ 2,024. Summer Studentship Award re Chris Lawland on Incidence and Prevalence of CHARGE A/S (2002).
- \$ 1,000. Canadian Deafblind & Rubella Association (CDBRA). Incidence and Prevalence of CHARGE A/S (2002).
- \$23,370. CHARGE Foundation, USA – Incidence and Prevalence of CHARGE A/S (2002).
- \$ 8,945. IWK Health Centre; Research Team Grant. The Eye in CHARGE (2002-3).
- \$23,000. E. A. Baker Grant, CNIB Incidence and Prevalence of CHARGE (A/S) (2002).
- \$ 1,000. Office of Instruction and Development Teaching, Dalhousie University - Instructional Technology Innovation in Teaching (2003).
- \$19,078. Medical Council of Canada – The Reliability and Validity of Structured Communication Adolescent Guide (SCAG II) (2003).
- \$ 7,000. Dalhousie University, Clinical Scholar Award Excellence in Teaching Award (2003).
- \$ 1,000. Dalhousie University. An educational grant from the Office of Instructional Development and Technology. "Clinical Case Scenarios or DalMedix" (2003).
- \$ 2,024. Summer Studentship Award "Incidence and Prevalence of CHARGE Association/Syndrome Using the Canadian Pediatric Surveillance Program (CPSP)" (Student – Beth Flanigan (Summer 2003).
- \$ 2,024. Summer Studentship Award. Osteoporosis in CHARGE Syndrome. (2004)
- \$ 2,024. Summer Studentship Award Gene Research in CHARGE Syndrome (2005)
- \$ 2,024. Summer Studentship Identification of a Behavioural Phenotype (2005)
- \$ 2,024. Summer Studentship. The Anaesthetic risks with CHARGE (2006) Applied.

\$12,000.	CHARGE Foundation USA. Gene Research in CHARGE Syndrome, (2006)
\$ 500	CHARGE Canada – for Gene Research (2006)
\$ 1,000	Centre for Teaching and Learning, Dalhousie University (2007)
\$ 2,500	Division of Medical Education Research Grants, Dalhousie University (2007)
\$13,269	Royal College of Physicians & Surgeons (SCAG), A Teaching and Assessment Tool for Improving Residents’ Interviewing Skills (2010)
\$11,900	Royal College of Physicians & Surgeons, CANMeds The development and evaluation of a novel CanMEDS competency portfolio for pediatricians (2010)
\$5,000	Research in Medicine (RIM) Med 2, Meghan MacDonald (2014)
\$5,000	Research in Medicine (RIM) Med 2, Kelley Cloney (2014)
\$ 500	Texas CHARGERS Zebra Fish Research (2014)
\$10,000	CHARGE Syndrome Foundation, Zebra Fish Research (2015)
\$5,000	Research in Medicine (RIM) Med 1, Alexander Hudson (2015)
\$5,000	Research in Medicine (RIM) Med 2, Meghan MacDonald (2015)
\$5,000	Research in Medicine (RIM), Murray McNeil Summer Studentshop Med 2, Kelley Cloney (2015)
\$4,800	Living Lab Grant Dalhousie University (2105)
\$7,000	Special Olympics Project, PI is Rebecca Haworth (2016)
\$6,000	CHARGE Syndrome Foundation Research Grant Program, PI is Alexandra Hudson (2016)
\$5,000	Research in Medicine (RIM) Med 1, Alexander Hudson (2016)
\$5,000	Research in Medicine (RIM) Med 1, Ashley Robinson (2016)

## **MEETINGS/WORKSHOPS ATTENDED (Personal/CME)**

1996	Council Of Medical Students Education In Pediatrics – Workshop, A simulated patient program, How to evaluate Faculty, How to teach in a community setting.
1997	Workshop on PBL, by Bruce Holmes, To Become a COPS Tutor.
1997	CME - When girls feel fat – by Sandra Susan Friedman.
1998	COMSEP - Providing Effective Feedback, Distance Learning and New Technologies.
1998	APLS: Pediatric Emergency Medicine Course.
1998	AAMC Annual Meeting, New Orleans, Louisiana Workshop – Medical Educator.
1998	Communication Skills Workshop for Faculty, The Division of Medical Education and Postgraduate Medical Education, Dalhousie University.
1998	Workshop on Teaching Large Classes, The Office of Instructional Development & Technology, Dalhousie University.

- 1998 Annual Atlantic Provinces Pediatric Society Meeting (workshops).
- 1999 Microsoft PowerPoint course, 12 hours.
- 2000 The Ninth Ottawa Medical Education Conference, Ottawa in Africa. Workshops and Paper on Medical Education Issues (29 CPO points).
- 2000 Association for Medical Education in Europe (AMEE), Conference, Beer Sheva, Israel, August 2000 (attended workshop with research papers).
- 2000 Workshop on Informed and Formal Evaluation Communication Skills: No One Ever Fattened a Pig Just by Weighing It – Dr. Suzanne Kurtz.
- 2000 Dalhousie University - Paul Cudmore Memorial Lecture. The Future Practice of Medicine and the Implications for Medical Education. Workshop by Dr. Jeff Turnbull in – Training Evaluation: Does it have a Role in Performance Assessment?
- 2002 The Tenth Ottawa Medical Education Conference - Workshops and Papers – Attended on Medical Education Issues, Ottawa, Canada.
- 2003 Deaf Blind International Workshop – Toronto
- 2004 The Eleventh Ottawa Medical Education Conference - Workshops and Papers – Attended on Medical Education Issues, Barcelona, Spain.
- 2005 COMSEP – Qualitative research. One day workshop.
- 2006 COMSEP – Evaluation a tool for faculty and students, Script Concordance.
- 2006 The Twelfth Ottawa Education Conference – Workshops and Presentations NY, USA
- 2007 AFMC Medical Education Conference - Distributed Medical Education: Building Our Future Together Victoria, BC
- 2008 AFMC Medical Education Conference -Distributed Medical Education: "Educating for the Future: Predicting and Managing Change", Montreal, PQ
- 2010 2010 San Diego International Conference on Child Family Maltreatment
- 2010 AMEE 2010: Glasgow, UK. Inspire... and be inspired!
- 2012 AMEE 2012: Lyon, France. The Continuum of Education in the Healthcare Professions
- 2012 Ottawa Conference, Kuala Lumpur, Malaysia. Assessment of Competence in Medicine and the Healthcare Professions
- 2013 Fear Memorial Educational Conference. Moving on UP! A Clear Pathway or Giant Leaps? Dalhousie, Halifax NS.

- 2013 BC CHARGE Workshop, Understanding CHARGE; the Hidden Issues (1.5 days)
- 2013 Online presentations, Aspects of CHARGE Syndrome (X3)
- 2013 Department of Pediatrics, Education Workshop
- 2014 Lit Review: Preparation, Methodologies & Evidence, Dalhousie Faculty of Medicine
- 2015 Canadian Conference on Medical Education (CCME), Vancouver Canada
- 2015 38<sup>th</sup> Annual Dr. Paul Cudmore Memorial Lecture and Workshop with Dr. Cees van der Vleuten. Dalhousie University, Halifax Canada, programmatic assessment
- 2016 IPA Conference, Vancouver, BC – workshops and expert speakers

## **PUBLICATIONS (Peer Reviewed)**

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8. C. Trider, **K. Blake.** Anesthesia Issues in CHARGE Syndrome. *SENSE*, 2013
9. Alexandra Hudson, Kim Blake. Physical Features of CHARGE. For Dean Marrie’s Educational Portfolio for Students. 2015
10. **CHARGE Syndrome: Physical Features. Physical Signs Modules for Medical Students.** Alexandra Hudson, Angela Arra-Robar, Kim Blake. Faculty of Medicine, Dalhousie University, Halifax Canada. May 2015

## **PRESENTATIONS**

1. British Pediatric Association 1983 Oxford. **Pediatrics from the undergraduate perspective** (Presented as a medical student at the BPA)
2. Craniofacial Society of Great Britain 1989 London. **Congenital heart disease in patients with clefts of the lip and/or the palate**
3. 6th International Congress on Cleft Palate and Related Craniofacial Anomalies, 1989 Jerusalem, Israel. **Congenital Heart disease in patients with clefts of the lip and/or palate**
4. European Society for Pediatric Endocrinology 30th Annual meeting, 1991, Berlin. **Growth in CHARGE Association**
5. European Working Group on Psychological Aspects of Children with Chronic Renal Failure, 23rd annual conference, 1992, Belgium. **Psychological and clinical effects of children undergoing renal biopsies.**
6. The Second World Conference On Injury Control 1993 Atlanta Georgia. Presentation



- Impact of a Child Accident Prevention video on parents of pre-school children.**
7. High Frequency Ventilation Conference, Utah, March 1996 **Mortality and Morbidity in neonates using the jet ventilator** (Presenter Brian Simons).
  8. High Frequency Ventilation Conference, Utah, March 1996. **Neurodevelopment outcome of infants after Jet ventilation - 2 year study** (Presenter Brian Simons).
  9. Association of Registered Nurses of Newfoundland May 1996 **In-Line Skating in Urban and Rural Newfoundland: Injury prevention**
  10. 5<sup>th</sup> Ottawa Medical Education Conference, Maastricht 1996. **Simulated teaching scenarios in Pediatric education a three year study.**
  11. AAMC Meeting, New Orleans, Louisiana. **Discussion Group on Teaching Adolescent Medicine with Simulated Patients**, Blake K, Mann K, Wakefield S, 1998.
  12. Leanne Van Amstel Third Annual Emergency Medicine Research Day. **Losing their HEADDS in ER** 1998.
  13. Blake KD, Sargent J, Allen M. **Information Technology for Distance Learning in Undergraduate, Postgraduate and Continuing Medical Education.** CAME (Canadian Association for Medical Educators), Winnipeg, 1999.
  14. 4<sup>th</sup> International CHARGE association Conference, **Adolescents with CHARGE.** Houston, 1999.
  15. L. Van Amstel, Lafleur DL, Blake K. **Losing their Heads in the ER.** CAPE - Canadian Association of Physicians in Emergency Medicine, 2000.
  16. Department of Pediatric Retreat, 1999, Poster **Telemedicine in Undergraduate Medical Education.**
  17. Fourth International CHARGE Syndrome, **Adolescent database in CHARGE Association.** Houston, 1999
  18. Blake K, Mann K, Kaufman D, Kappleman M **Sex, Drugs and Rock & Roll -- Learning Adolescent Medicine Using Simulated Patients** Association for Medical Education in Europe (AMEE) August 2000. (Beer Sheva, Israel).
  19. 1<sup>st</sup> Annual Medical Education Research Conference. Blake K, Mann K, Kaufman D, Kappleman M **Learning Adolescent Medicine Using Simulated Patients.**
  20. Blake K, Graham S, Cassey M, Orlik H, et al. **Culture Shock – A Link Program for IMS – A Link Course To Prepare IMS From A Traditional Curriculum For Entry To A Problem-Based Clerkship**
  21. Research Week 2000 “Poster Day”.
  22. Culture Shock – A Link Program for IMS (International Medical Students) A Link Course To Prepare IMS – From A Traditional Curriculum For Entry To A Problem-Based Clerkship
  23. Teaching Psychosocial Adolescent Medicine Using Simulators – Learning Adolescent Psychosocial Interviewing Using Simulated Patients.
  24. 5<sup>th</sup> International CHARGE Syndrome Conference -- Annual Meeting -- **Puberty in CHARGE Adolescents and CHARGE into the Adolescent and Adult Decades.**
  25. 1<sup>st</sup> Pediatric Department Research Day 2001 -- Platform Presentation. van Amstel LL, Lafleur DL, Blake K. **Adolescent Psychosocial Documentation: an Emergency Department Intervention.** Leanne Van Amstel was the Award Winner for the most outstanding presentation by a medical student or resident.
  26. Lawand CMD, Prasad C, Graham JM, Blake K. **The Cranial Nerve Anomalies of CHARGE A/S.** Medicine Student Research Day, Dalhousie University, 2002.

27. Blake KD, Greaven S, Wakefield S, Gusella J. **Adolescents as Simulators of Medical Illnesses**. Council Of Medical Students Education In Pediatrics (COMSEP) March 2002.
28. Blake KD, Gusella J, Greaven S, Wakefield S. **Adolescent Girls as Standardized Patient with Risk Taking Behaviours: 3<sup>rd</sup> Annual DME Symposium on Medical Education 2002**.
29. Blake KD, Carroll J, Stringer E, Stuart R. **A Community Pediatric Project "Outside the Walls"**. Council Of Medical Students Education In Pediatrics, March 2002.
30. Kouyoumdjian F, Allan D, Pierce M, Blake KD. **Evaluation of a Community Project in a Third Year Pediatric Clerkship**. CAME (Canadian Association for Medical Education) – 2002 ACMC-ACAHOI-CAME Annual Meeting
31. Blake K, Masie-Clarke M, Kaufman DM, Mann K. **Improving Medical Student's Confidence Regarding Adolescent Interviewing**. Council Of Medical Students Education In Pediatrics, 2003.
32. Blake K, Vincent N, Wakefield S, Mann K, Murphy J. **A Structured Communication Adolescent Guide: Assessment of Validity and Reliability**. Council Of Medical Students Education In Pediatrics, 2003.
33. 13th Dbl World Conference of Deafblindness. Presentation. **'The Central Nerves of CHARGE Association/Syndrome' and 'CHARGE into the Adolescent and Adult Decades'** and Poster Presentations **'Puberty and Growth in CHARGE Association/Syndrome' and 'The Incidence and Prevalence of CHARGE Association/Syndrome'**. Mississauga, August2003.
34. 5<sup>th</sup> Annual Symposium on Medical Education. **Structured Communication Adolescent Guide (SCAG)**. Dalhousie University. April 2004.
35. Blake K, Kutcher M, Murphy J, Wakefield S, Mann K, Vincent N. **Structured Communication Adolescent Guide (SCAG) Extension of Reliability and Validity to Physicians**. Council on Medical Students Education Physicians, 2004
36. Blake K, Kutcher M, Murphy J, Wakefield S, Mann K. **Modifications to the Structured Communication Guide (SCAG)**. Council on Medical Students Education in Pediatrics, 2004.
37. The 1<sup>st</sup> National Canadian CHARGE Syndrome Conference. **Review on CHARGE Syndrome Research**. Toronto, October 2004.
38. Dobbelsteyn C, Crist B, Blake KD, Rashid M. 2004. **A Study of Feeding Difficulties in Children with CHARGE Syndrome**: Great Lakes Regional Conference on Child Health. Columbus Ohio. April 2005
39. Blake K, Rashid M, Smith A, Rich K. **Teaching Clinical Clerks Multi-media Presentation Skills**. Council On Medical Students Education In Pediatrics, 2005.
40. CHARGE Syndrome Canada Junefest 2005, at the Deaf-Blind Awareness, Disability and Public Service Related Information booths. Feeding in CHARGE Syndrome poster.
41. Blake K, Kutcher M, Murphy J, Wakefield S, Mann K. **Reliability of the Structured Communication Adolescent Guide (SCAG)**. Council on Medical Students Education In Pediatrics, 2005, poster.
42. Blake K, Kutcher M, Murphy J, Wakefield S, Mann K. **The Structured Communication Adolescent Guide (SCAG) and its use in medical education**. Council On Medical Students Education In Pediatrics, 2006. Platform presentation with 150 in attendance.

43. Blake K, Kutcher M, Murphy J, Wakefield S, Mann K. **Reliability of the Structured Communication Adolescent Guide (SCAG) with Untrained Adolescent - AMEE 2006.**
44. Blake K, Morley S, Rashid M, Holmes B, Poranek A, MacCulloch K. **Bridging the Gap: Third Year Medical Students Learning to Present Paediatric Clinical Cases Through Distance Education** – 11<sup>th</sup> International Symposium for Health Information Management Research (iSHIMR) 2006. Syed Sibte, Raza Abidi, Peter Bath, Vlado Keselj, Chapter 4, Pages 126-127
45. Bruce Holmes, Bill Baldrige, Patty Weld-Vicount, Laura Harris, Kim Blake **"Considerations of Teaching and Learning Anatomy in a Distributed PBL Curriculum"**. Dalhousie University.
46. Kim Blake, Bruce Holmes, Mohsin Rashid, Jill Curley, Stephen Morley, Ada Poranek, Kate MacCulloch **"Bridging the Gap: Clerks Learning How to Give Clinical Case Presentations Through Distance Learning"**. Dalhousie University.
47. 8th International CHARGE Syndrome Conference -- Annual Meeting – **"CHARGE to the West"**
48. Holmes, B., Baldrige, W., Weld Viscount, P., Harris, L. & Blake, K. **Considerations of Teaching and Learning Anatomy in a Distributed PBL Curriculum.** CAME – R & D Presentation, Medical Education Conference, Victoria, BC 2007.
49. 35<sup>th</sup> Annual meeting of SENTAC. Blake, K. Davenport, S. MacCuspie, J. Corsten, G. **Post Operative Anesthesia Management of Individuals with CHARGE Syndrome.** Milwaukee, WI, 2007.
50. 9<sup>th</sup> CHARGE Syndrome Research Day – **Death in CHARGE syndrome 2009.**
51. 9<sup>th</sup> CHARGE Syndrome Research Day – **Anesthesia Risks in CHARGE syndrome 2009.**
52. Holland, J., Blake, K., Chowdhury, D., Larson, A. and LeBlanc, J. **The Role of the Pediatric Health Centre in the 21st century.** CAPHC Annual Meeting, Halifax, NS 2009
53. Blake, K. **CHARGE syndrome – From Birth to Adulthood.** IWK Genetic Rounds, IWK Health Centre, Halifax, NS 2009.
54. 12<sup>th</sup> Annual Symposium on Medical/Health Professions Education and Interprofessional Learning – **"The Future of Medical Education in Canada – A Collective Vision for MD Education: Strategies, Initiatives, and Innovations linked to the Ten Recommendations"**. Dalhousie University, Halifax, NS, 2011
55. 4th International Clinical Skills Conference. **The Structured Communication Adolescent Guide (SCAG) and its use in Continuum of Medical Education.** Prata, Italy. 2011
56. 10th international CHARGE Syndrome Conference. Orlando. **Anaesthesia, Botox, Sleep Apnea and FAQ's From Canada and Beyond.** Florida. 2011
57. **Exploring Student perceptions of Formative Feedback in Tutorials in Undergraduate Medical Education.** Association for Medical Education in Europe – Hanna Weimer, Kim Blake, Debra Day. AMEE (France), 2012
58. **Exploring Student perceptions of Formative Feedback in Tutorials in Undergraduate Medical Education.** Pediatric Research Day, Halifax, 2012

59. **5th International Clinical Skills Conference. Social Networking in Medicine: The VIIIth Nerve Facebook Page.** Rachel Mullinger, Kim Blake. Prato, Tuscany 2013
60. **Assessment Conversations in and Around Tutorials.** Debra Day, Kim Blake, Hanna Weimer. AAU Showcase, Fredericton, NB 2013
61. **Interviewing Adolescents Across the Curriculum Continuum; Sex, Drugs & Rock 'n' Roll.** Karen Mann, Sarah Manos, Kim Blake. AMEE (Prague) 2013
62. **Tutor Understandings of Case-Based Learning.** Ali Manning Kim Blake. FMAC 2014
63. **Post-Graduate Adolescent Interviewing Skills: A Reflection of the Sustainability of Structured Formal Undergraduate Training.** Nadim Joukhadar, Genna Bourget, Sarah Manos, Karen Mann, Dr. Kim Blake. Division of Medical Education Annual Meeting. 2014
64. **Post-Graduate Adolescent Interviewing Skills: A Reflection of the Sustainability of Structured Formal Undergraduate Training.** Nadim Joukhadar, Genna Bourget, Sarah Manos, Karen Mann, Dr. Kim Blake. IWK Bi-Annual Interdisciplinary Research, November 2014
65. **Tutor Understandings of Case-Based Learning.** Ali Manning, Kim Blake. Division of Medical Education Annual Meeting. 2014
66. **Improving medical Students' Confidence regarding Adolescent Interviewing.** Meghan MacDonald, Kim Blake, Karen Mann. Division of Medical Education Annual Meeting. 2014
67. **Improving medical Students' Confidence regarding Adolescent Interviewing.** Meghan MacDonald, Kim Blake, Karen Mann. CPS 2014
68. **Post-Graduate Adolescent Interviewing Skills: A Reflection of the Sustainability of Structured Formal Undergraduate Training.** Genna Bourget, Nadim Joukhadar, Sarah Manos, Karen Mann, Dr. Kim Blake. Pediatric Research Day, Halifax 2014
69. **Post-Graduate Adolescent Interviewing Skills: A Reflection of the Sustainability of Structured Formal Undergraduate Training.** Genna Bourget, Nadim Joukhadar, Sarah Manos, Karen Mann, Dr. Kim Blake. AMEE (Italy) 2014
70. **Post-Graduate Adolescent Interviewing Skills: An Exploration of the Sustainability of Structured Formal Undergraduate Training.** Nadim Joukhadar, Genna Bourget, Sarah Manos, Karen Mann, Jill Hachette, Dr. Kim Blake. AAMC 2014
71. **Modeling CHARGE syndrome in zebrafish: A look at the innervation and function of the gastrointestinal system.** Kellie Cloney, Shelby Steele, Kim Blake, Jason Berman .Research in Medicine Day at Dalhousie, 2015
72. **Modeling CHARGE syndrome in zebrafish: Direct visualization of gastrointestinal innervations, morphology and motility associated with chd7 loss of function.** Kellie Cloney, Shelby Steele, Kim Blake, Jason Berman. Pediatric Research Day at Dalhousie, 2015
73. **Direct visualization of gastrointestinal morphology and motility changes associated with chd7 loss of function in a zebrafish model of CHARGE syndrome.** Steele, S., Cloney, K., Stoyek, M., Smith, F., Blake, K., and Berman, J. 2<sup>nd</sup> Zebrafish for Personalized/Precision Medicine conference. St. Michael's Hospital, Toronto, ON.
74. **Intestinal innervation, motility, and morphology defects associated with chd7 loss of function in a zebrafish (*Danio rerio*) model of CHARGE syndrome.** Steele, S.,

- Cloney, K., Stoyek, M., Croll, R., Smith, F., Blake, K., and Berman, J. 9<sup>th</sup> European Zebrafish Meeting. Oslo Congress Centre, Oslo, Norway. 2015
75. **Modeling CHARGE syndrome in zebrafish: A look at the innervation and function of the gastrointestinal system.** Kellie Cloney, Shelby Steele, Kim Blake, Jason Berman. International CHARGE Conference, Chicago Illinois. 2015
76. **Mouth Over-Stuffing During Meals in Individuals with CHARGE Syndrome.** Hudson, Alexandra; Macdonald, Meghan, Blake, Kim. The 12<sup>th</sup> International CHARGE Syndrome Conference, Chicago Illinois. 2015
77. **Mouth Over-Stuffing During Meals in Individuals with CHARGE Syndrome.** Hudson, Alexandra; Macdonald, Meghan, Blake, Kim. American Academy of Pediatrics and the Atlantic Pediatric Society International Conference, 2015
78. **Post graduate adolescent interviewing Skills: Structured feedback and Its effects on performance.** Bourget G, Joukhadar N, Manos S, Mann K, Hatchette J, Blake K. CCME 2015
79. **Post-Graduate Adolescent Interviewing Skills: Structured Feedback and Its Effects on Resident Performance.** Division of Medical Education's 16th Annual Symposium 2015. Joukhadar N., Bourget G., Manos S., Mann K., Hatchette J., and Blake K.
80. **Effect of Post-Graduate Surgical Foundations Boot Camp on PGY1 Skill and Knowledge.** Joukhadar N., Blake K., Warren A., Shearer C., Hatchette J., and Tang D. Division of Medical Education, 16<sup>th</sup> Annual Symposium, 2015
81. **Experiences with feeding and gastrointestinal motility in children with CHARGE syndrome** 2015 IWK Student Research Day (Halifax, NS). Macdonald M, Hudson A, Ratcliffe E, Bladon A, Blake K.
82. **Experiences with feeding and gastrointestinal motility in children with CHARGE syndrome.** 2015 1st Annual Research in Medicine Day (Halifax, NS). Macdonald M, Hudson A, Ratcliffe E, Bladon A, Blake K
83. **Modeling CHARGE syndrome in zebrafish: A look at the innervation and function of the gastrointestinal system.** Kellie Cloney, Shelby Steele, Kim Blake, Jason Berman. 1<sup>st</sup> Annual RIM Conference, Dalhousie 2015
84. **Abnormal Gastrointestinal Innervation, Motility, and Feeding Difficulties in CHARGE Syndrome.** 2016 CPS Annual Conference (PEI). Alexandra Hudson, Meghan Macdonald, Kellie Cloney, Angela Bladon, Elyanne Ratcliffe, Shelby Steele, Matthew Stoyek, Roger Croll, Frank Smith, Jason Berman, Kim Blake
85. **Abnormal Gastrointestinal Innervation, Motility, and Feeding Difficulties in CHARGE Syndrome.** 2016 IPA Conference (Vancouver, BC). Alexandra Hudson, Meghan Macdonald, Kellie Cloney, Angela Bladon, Elyanne Ratcliffe, Shelby Steele, Matthew Stoyek, Roger Croll, Frank Smith, Jason Berman, Kim Blake
86. **Quality of life in adolescents and adults with CHARGE syndrome.** IWK Pediatric Research Day, 2016. Alexandra Hudson, Nancy Hartshorne, Jillian MacCuspie, Benjamin Kennert, Tasha Nacarato, Timothy Hartshorne and Kim Blake.
87. Hudson A, Tan A, Blake K. Evaluation of medical student's interviewing skills by adolescent patients: what do adolescents care about? Department of Pediatrics Trainee Research Day April 19 2016.
88. Hudson A, Macdonald M, Blake K. Packing and problematic feeding behaviors in CHARGE syndrome: a qualitative analysis. Dalhousie Research in Medicine April 19 2016.

## INVITED SPEAKER

1. First International CHARGE Association Conference, *CHARGE Association: The Voice of a Family Support Group*, St Louis 1993.
2. The Canadian Down Society, *A Down syndrome database from Newfoundland*, Vancouver 1994.
3. Canadian Pediatric Society. *Undergraduate Medical Teaching Using Simulated Patients*, St John's 1994.
4. Canadian Down Society, Niagara Falls, *A Down Syndrome Database for Canada* 1995.
5. Second International CHARGE Association Conference, *Growth and Development in CHARGE Association*, Portland 1995.
6. The Jewish Guild for the Blind and Perkins School for the Blind. *Growing up with CHARGE Association, medical and behavioural aspects*, New Jersey 1996.
7. Atlantic Provinces Annual Meeting. *An over view on CHARGE Association for the general Pediatrician*, Halifax 1996.
8. Third International CHARGE Syndrome Conference, *Adolescence and Behavioral Profiles in CHARGE*, Boston 1997.
9. Grand Rounds, *CHARGE Association as an example of children with multiple physical involvement*, Saint John, New Brunswick 1999.
10. Fourth International CHARGE Syndrome, four workshops on the *Clinical issues in CHARGE Association Children aged 0-2, 3-5, school age, adolescent*, Houston 1999.
11. Fifth International CHARGE Syndrome, *Puberty in CHARGE Adolescents and CHARGE into the Adolescent and Adult Decades*, Indianapolis 2001.
12. 80<sup>th</sup> Annual Meeting of the Canadian Pediatric Society, CPSP Genetic Concurrent Session. *Helping Patients with Orphan Genetic Disorders* 2002.
13. The Sixth International CHARGE Syndrome Conference, *Puberty in CHARGE and Endocrine in CHARGE, Behaviour in CHARGE Syndrome*, Cleveland 2003.
14. Nordic Staff Training Centre for Deafblind Services (4 day workshop). Congenitally Deafblind Persons with CHARGE Association, a videoconference on *CHARGE into the Adolescent and Adult Decades the General Issues of CHARGE*. Denmark 2003. These workshops were translated in four different languages over the Nordic countries.
15. The 1<sup>st</sup> National Canadian CHARGE syndrome Conference **Dr. K. Blake**. Review on CHARGE syndrome Research. Toronto, October 2004.
16. The National Canadian Vision Teachers Conference at APSEA (Atlantic Provinces Special Education Authority) *CHARGE Syndrome*, Halifax 2005.
17. The 7<sup>th</sup> International CHARGE Syndrome Conference. *Osteoporosis and Endocrine Issues in CHARGE Syndrome* Miami, 2005.
18. EK Shriver Centre 2005-6 Centre wide Colloquium series. *CHARGE UP .... DATE* . Boston, 2006.
19. Dalhousie Genetic Rounds. *CHARGE Syndrome* 2006.
20. Ottawa 2006 CHARGE Syndrome, What's New?
21. Toronto 2006 CHARGE Syndrome, Gene & More, 20 Years Experience.
22. Eighth International CHARGE Syndrome Conference. – California 2007
23. Ninth 101 for CHARGE syndrome Adolescent issues in CHARGE syndrome Anaesthesia Risks. Chicago 2009

24. CCMG Annual Scientific Meeting. *Growing Up with CHARGE Syndrome*. Halifax, NS 2010
25. 38<sup>th</sup> Annual Dalhousie February Refresher – “Diagnosis & Treatment of Old Fashioned Colic in Infants Gastroesophageal Reflux (GER)”. Halifax, NS 2012
26. Clinical Skills in the Paediatric Curriculum, Kuwait 2012
27. Webinar: “CHARGEing into Teens”. Halifax, NS 2012
28. McMaster University Grand Rounds, “Who’s in CHARGE” April 2013
29. McMaster University Rounds for Feeding & GI Teams, “Feeding Issues in CHARGE Syndrome” April 2013
30. Communication Skills & Feedback Old Issues, New Solutions, Kuwait 2013
31. 10<sup>th</sup> International CHARGE Conference, 3 presentations (“A Lot to Swallow”, “Bone Health” & “CHARGE 101”) Arizona, 2013
32. CHARGE The Hidden Medical Issues, Texas CHARGE Conference 2013
33. Northwood Residency, presented CHARGE 101, Kim Blake, Angela Arra-Robar. Halifax, NS 2104
34. Germany CHARGE Conference, CHARGE 101 Anaesthesia, Botox, Sleep Apnea and FAQ’s; Bone Health & Puberty – Not a Humorous Issue; All you need to know about the cranial nerves and more. July 2014
35. Anaesthesia and Obstructive Sleep Apnea and The Brains Behind Swallowing: Including Cranial Nerve Function presented in New Zealand, 2014
36. 11<sup>th</sup> International CHARGE Conference, “Can’t Stomach This: Motility in CHARGE Syndrome”, Chicago 2015
37. Motility Issues in CHARGE Syndrome and Zebrafish Data, Texas CHARGE Conference 2015

## **Book (Chapters), Journals and Internet Publications**

1. CHARGE Association For Families and Physicians-1<sup>st</sup> Ed. Three Chapters: Adolescent and CHARGE; Life Expectancy and CHARGE; Growth in CHARGE.
2. History and Physical Chapter an On-line Pediatric Book. (Challenger Text) in progress.
3. **Blake KD**. Betsy: A 16-year-old Health Maintenance Visit. In CLIPP: Computer-assisted Learning in Pediatrics Project, eds. Fall and Berman (HRSA 1-D16-HP-00059-01). 2003 <http://www.clippcases.org>
4. Frager G, **Blake KD**. Oxford Press. Palliative Medicine – a case-based manual, second edition. Chapter – When Palliative Care Involves Children. 2004. Editor MacDonald, Oneschuk, Hagen and Doyle.
5. Writer for CHARGE Canada, quarterly on-line newsletter section entitled “**Dear Dr. Kim**”.
6. **Blake KD**, Prasad C. Orphanet on CHARGE syndrome November 2004 updated 2006 Journal [www.orphanet.org](http://www.orphanet.org) (peer reviewed)
7. Medical Educator (Published through Council Of Medical Students Education In Pediatrics)- Appraiser of Medical Education Papers and conferences.
8. **Blake KD**, Davis V, (Kliegman R, Marcadante K, Jenson H, Behrman R (Editors)): Nelson’s Essentials of Pediatrics, 5th ed. Philadelphia, Elsevier, 2006, Section XII "Adolescent Medicine", pp. 337-361\*\*\*

9. CHARGE Association For Families and Physicians-2<sup>nd</sup> Ed. Three Chapters: Adolescent and CHARGE; Life Expectancy and CHARGE; Growth and nutrition in CHARGE 2006/2007.
10. CHARGE syndrome for physicians, families and educators. Editor Tim Hartshorne (20010/11)
11. **Blake KD**, Davis V, (Kliegman R, Marcadante K, Jenson H, Behrman R (Editors)): Nelson's Essentials of Pediatrics, 5th ed. Philadelphia, Elsevier, 2010, Section XII "Adolescent Medicine",
12. Frager G, **Blake KD**. Oxford Press. Palliative Medicine – a case-based manual, second edition. Chapter – When Palliative Care Involves Children. Editor MacDonald, Oneschuk, Hagen and Doyle. February 2012
13. **Blake KD**, Allen L, (Kliegman R, Marcadante K, Jenson H, Behrman R (Editors)): Nelson's Essentials of Pediatrics, 6th ed. Philadelphia, Elsevier, 2013, Section XII "Adolescent Medicine"
14. Trider, CL, **Blake KD**. SENSE CHARGE Book, "Anaesthesia issues in CHARGE syndrome – what are the risks? Nov. 2014
15. **Blake KD**, Allen L, (Kliegman R, Marcadante K, Jenson H, Behrman R (Editors)): Nelson's Essentials of Pediatrics, 7th ed. Philadelphia, Elsevier, 2017, Section XII "Adolescent Medicine" (in process)
16. Written for The Canadian Journal of Diagnosis: Experts on Call – 2016
  - What is needed to diagnose asthma in an infant who is wheezing?
  - What is the significance of preauricular ear pits?
  - What is the cause for bilious emesis 2-3 hours after feeding cereals to an infant who has no trouble with breast feeding?
  - What can cause delayed closure of the fontanelle? (child is apparently well and developing normally).
  - What is the latest treatment for tibial torsion?
  - Which umbilical hernias in infants need to be referred?
  - If a child had pertussis in elementary school, should he still receive a booster in grade 9?
  - For suspected Polycystic ovary syndrome (PCOS) in a young 16 year old, what are the best tests to confirm diagnosis?
  - In a 4-month-old healthy infant, at what point should we intervene if a child hasn't had a bowel movement after one week? What would be the first step of treatment?
  - What causes umbilical granulomas in a newborn? Is there any evidence that differences in cord care could have a bearing on their development?
  - What is the appropriate management of pediatric balanitis?
  - When should I investigate a child with a murmur?
  - In circumcised babies, should you break down adhesions or leave them when they develop?
  - What is the differential diagnosis and therapeutic approach when a 5 year old girl complains of vulvar discomfort?
  - What do we do with a phimosis that appears around two years of age and that wasn't there before?
  - Please discuss the 18 month check-up relevancy for developmental screening.
  - What should I do with a child presenting with an upper respiratory tract infection who is scheduled for elective surgery in the next couple of days?



- Why bother to diagnose Barth syndrome early? Isn't it untreatable?

\*\*\* This book is one of the recommended text books for Medical Students

## APPENDIX A

### Selected Reviews

1. Medical Education. Integrating communication skills into a professional development spine MED 2000/000163
2. Medical Education – SAIL: Performance assessment using out-patient letters 2001.
3. Pediatrics – Children with CHARGE Syndrome and Hearing Loss: A Window of Opportunity for Audiologic Intervention 2001.
4. Medical Education – The Resident as a teacher of medical humanities. MED 2002/00242
5. Medical Education – Whose life is it anyway? An innovation course on mental health issues. MED – 2002/000242
6. Medical Education – The Clinical Skills Centre as an interface between the public and the healthcare sector 2002.
7. Medical Education – Technical Skill in the pediatric setting: a qualitative study of acquisition, attitudes and assumptions 2002.
8. Medical Education – Assessing Professional Behaviour and the role of academic advice at the Maastricht Medical School 2003.
9. Ambulatory Pediatrics – Building the Patient-Physician Relationship: Assessing Relational Communication by Pediatric Residents 2003.
10. Medical Education - Cooperative teaching and learning in gross anatomy: an approach to maximize students learning. MED 2003 - 0638.
11. Medical Education – “Teaching to Teach”: Enhancing Fourth-Year Medical Students’ Teaching Skills. MED 2003 – 0277.
12. Medical Education – Learning Management Systems: Technology to Measure the Medical Knowledge Competency of the ACGME. MED 2003 – 0024.
13. Pediatrics – Olfactory Evaluation in Children, Application to the CHARGE Syndrome 2004
14. Ambulatory Pediatrics – Parent’s Trust in Their Child’s Physician 2004
15. Medical Education - Sustainability of change with quality general practitioner education in adolescent health: a five-year follow-up. MED 2004 - 0073.
16. Medical Education – Developing a competence-based assessment of medical senior house officers – Identifying the competencies: Interview Study. MED 2004 - 0512.
17. Pediatrics Olfactory evaluation in children, applicable to CHARGE Syndrome, 2004 / 1970.
18. Medical Education - Adverse Experiences of New Zealand Medical Students during Training. MED – 2004 – 0206 – R1. Reviewed twice. MED – 2004 – 0206 – R2.
19. Pediatrics – Promoting Faculty Development by Publishing a Textbook 2004 – 1157.
20. American Journal Medical Genetics CHARGE Association in Sweden – Malformations, Functional Deficits and Developmental Timing Implications 04-0383.

21. Medical Education - Chronic Patients in Undergraduate Medical Education: Didactic Value as Perceived by Students. MED – 2005 – 0058 & MED – 2005 – 0058 – R1.
22. Journal of Pediatrics & Child Health – Clinical features, investigations and management of adolescents with Polycystic Ovary Syndrome. Reviewed twice February & March 2005.
23. Medical Education – Teaching Chronic Disease Management to Interdisciplinary Medical Learners. MED 2005 – 0264.
24. Pediatrics International – Cecal volvulus in a child with CHARGE association 2005.
25. American Journal of Medical Genetics – CHARGE Syndrome: Relations between Behavioural Characteristics and Medical Conditions 2005.
26. Pediatrics - Dental and Medical Students Knowledge of Opinions of Infant Oral Health 2005 – 1448.
27. Journal of Medical Genetics – Phenotypic spectrum of CHARGE Syndrome in fetuses with CHD7 truncating mutations correlates with expression during human development 2005.
28. Medical Education - Medical Student Risk-taking and Self-Perceived Influence on Medical Practice MED 2005 – 0487.
29. Canadian Journal of Public Health – Prevalence and characteristics of body piercing and tattooing among high school students 2005.
30. Medical Education - Reliability of Adolescent Standardized Patients in Assessing Professionalism. MED 2005 – 0753.
31. Medical Education – Integrating Information Management, knowledge and skill in the pre-clinical curriculum. MED 2005 – 0396.
32. Ambulatory Pediatrics - "Is what's good for the goose, good for the gosling? The impact of parental-pediatrician preferences on child affective responses" 02/17/06.
33. Medical Education - Health Not Cosmetics: Medical Student Obesity Treatment Project, Medical Education Review, Really Good Stuff. MED-2006-0302.
34. Medical Education - Residents Anticipating, Eliciting, and Interpreting Physical Findings, Medical Education Review, Really Good Stuff. MED-2006-0303.
35. Ambulatory Pediatrics – “Survey of Primary Care Pediatricians on the Transition and Transfer of Adolescents to Adult Health Care Ambulatory Pediatrics” 2006
36. Clinical Genetics – “Familial CHARGE syndrome due to CHD7 mutation: clinical intra and interfamilial variability in 2 pedigrees” 2007
37. Ambulatory Pediatrics – “Residents’ Asthma Communication Skills in Announced Versus Unannounced Standardized Patient Exercises” 2007
38. American Journal of Medical Genetics – “Limb anomalies in patients with CHARGE syndrome: an Expansion of the Phenotype” 2007 (twice reviewed)
39. Medical Education – “Development of a Lexicon for Physician/Patient Communication: Framing the Art of Bedside Manner”. 2007
40. American Journal of Medical Genetics – “Familial CHARGE syndrome and the CHD7 gene: a mild recurrent nonsense mutation, intrafamilial variability and recurrence risk.” 2007 (in press)
41. Betsy. In CLIPP: Computer-assisted Learning in Pediatrics Project, eds. Fall and Berman (HRSA 1-D16-HP-00059-01). <http://clippcases.org>. 2007
42. Developmental Medicine & Child Neurology – “Sleep Disturbances in CHARGE Syndrome: Types and Relationships with Behaviour and Caregiver Well-Being”. 2007

43. Medical Teacher – “Lessons learned from an adolescent simulated patient educational program: five years of experience”. 2007
44. Clinical Genetics – “CHD7 mutation spectrum in 29 Swedish patients diagnosed with CHARGE syndrome. 2008
45. MedEdPORTAL – “Adolescent History Training Module”. 2008
46. MedEdPORTAL – “SOAP Notes Podcasts for First Year Medical Students”. 2008
47. The Clinical Teacher – “Designing a Programme for Paediatric Educators”. 2008
48. Pediatrics Editorial – “Reducing the Complexity of Pediatric Hypertension: Use of a Blood Pressure Screening Tool to Improve Recognition of Elevated Blood Pressure in Children”. 2009
49. Medical Education – “Students’ Feedback in Identifying Lacunae in Community Medicine Curriculum”. 2009
50. Medical Education – “Needs Analysis of Professional Development for Rural Clinical Educators”. 2009
51. Clinical Teacher: “Coming soon a Lecture Theatre Near you: ‘The Cliches’ 2009
52. Medical Education – “Resident Educators” – A Unique Approach to Resuscitation Education. 2009
53. Medical Teacher – “Enhancing Performance-Based Feedback in Clerkship”. 2009
54. Medical Education – “Team Teach” – A novel Ward Round Teaching Tool. 2009
55. Cases Journal Editorial – “CHARGE syndrome in a premature neonate: A case report and 2 years visual follow up. 2009
56. Medical Education – “Discrepancy between Rheumatology knowledge and clinical confidence by medical students”. 2009
57. Medical Education – “Students learning handoffs on a simulated inpatient unit”. 2009
58. Medical Education – “Impact of an Innovative CD-ROM on Ambulatory Teaching”. 2009
59. Medical Education – “A structured learning program involving real community-based patients”. 2010
60. Pediatrics – “Reducing the Complexity of Pediatric Hypertension: Use of a Blood Pressure Screening Tool to Improve Recognition of Elevated Blood Pressure in Children.” 2010
61. European Journal of Medical Genetics – “CHARGE-like associated with combined terminal 4q deletion and 8q duplication”. 2010
62. Academic Pediatrics – “Technology acceptance, health literacy, and use of online health information by teens with chronic illnesses”. 2010
63. Medical Education – “Gender effects of standardized patients in communication skill assessment”. 2010
64. MedEdPORTAL – “!!PEDI!! MEP8333: Patient and Family-Centered Rounds Tutorial” 2011
65. European Journal of Medical Genetics – “CHARGE syndrome with del3(p13-p21): Expanding the genotype”. 2011
66. MedEdPORTAL – “The Instructor’s Guide for the SOS-REACH and SREA-21: Tools for Evaluating Senior Resident Empowerment During Family-Centered Rounds.” 2011
67. Clinical Teacher – “Improving skills workshop with educational theory.” 2011
68. Clinical Teacher – “Improving skills workshop with educational theory.” Revision 1, 2011

69. Teaching and Learning in Medicine – “An educational intervention to increase preventive services provided to adolescents and young adults by internists” 2011
70. MedEdPORTAL - “Adolescent Medicine and the Trainee: Evaluating Self-Efficacy, Knowledge and Communication through the Utilization of Standardized Patient Simulations” 2011.
71. Neuropsychology – “Neuro-psychomotor and cognitive impairments of children with CHARGE syndrome” 2011
72. Canadian Conference on Medical Education (CCME) – Abstract review process, 40 abstracts. 2011
73. Adolescent Health, Medicine and Therapeutics – “Issues Surrounding Type 1 Diabetes Treatment Adherence in Young Adults: A Review”
74. Paediatrics & Child Health – “Getting Connected in Canada: National Adolescent Telehealth Rounds” 2011
75. Adolescent Health, Medicine and Therapeutics – “Issues Surrounding Type 1 Diabetes Treatment Adherence in Young Adults: A Review” Revision 1
76. Clinical Genetics – “Phenotype in 18 Danish Subjects with Genetically Verified CHARGE Syndrome”. 2012
77. Journal of Medical Genetics – “Antenatal spectrum of CHARGE syndrome in 40 fetuses with CHD7 mutations” 2012
78. MedEdPORTAL – “Online Adolescent Suicide Risk Assessment”. 2012
79. MedEdPORTAL – “A Case of Painless Hematuria in a Grade-School Child”. 2012
80. Canadian Conference on Medical Education (CCME) – Abstract review process, 40 abstracts. 2012
81. Journal of Pediatric Genetics – “Terminal 6p Deletion Syndrome Mimicking CHARGE Syndrome: a Case Report”. 2013
82. Molecular Syndromology – “More Clinical Overlap Between 22q11.2 Deletion Syndrome and CHARGE Syndrome Than Often Anticipated”. 2013
83. Academic Pediatrics – “Adolescent well-care visits and health literacy: comparing self-report and claims data”. 2013
84. Annals of Medical and Health Sciences Research – “Comparison of Body Mass Index (BMI) on Children with Functional Constipation and Healthy Controls”. 2013
85. Paediatrics & Child Health – “Pediatric Residents Focus on Mental Health”. 2013
86. MedEdPORTAL – “An Educational Module for Pediatric Residents on Community, Home and School Violence”. 2013
87. Adolescent Health, Medicine and Therapeutics – “Problems with diagnosing conversion disorder in response to variable and unusual symptoms.” 2013
88. Academic Pediatrics – “Risk score for predicting adolescent mental health problems among children using parental report only. The TRAILS study Academic Pediatrics”. 2014
89. The Clinical Teacher – “Role play as a learning modality in [Country X]”. 2014
90. Academic Pediatrics – “Is it a transition or a cliff? Results from the Ohio Medicaid Assessment Survey”. 2014
91. Paediatrics & Child Health – “Cyberbullying: Hiding behind the screen”. 2014
92. MedEdPORTAL – “EMPOWER Curriculum: a Curriculum Teaching Effective Use of Community Resources for children with Special Health Care Needs”. 2014

93. Academic Pediatrics – “Risk score for predicting adolescent mental health problems among children using parental report only. The TRAILS study”. 2014
94. MedEdPORTAL – “Treating Taylor: Multidisciplinary management of eating disorders”. 2014
95. The Clinical Teacher – “Role play as a learning modality in [Contry X]”. 2014
96. Academic Pediatrics - : Is it a transition or a cliff?”. 2014
97. Paediatrics & Child Health – “Cyberbullying: Hiding behind the screen”. 2014
98. MedEDPORTAL – “Benefitting Brad: An Interprofessional Case of Adolescent Substance Use and ADHD”, 2015
99. Canadian Conference Medical Education CCME Abstracts Reviewer, 2014 &2015
100. International Journal of Adolescent Medicine and Health – “Is HEADS in our Heads? Health risk Behaviour is not Routinely Discussed with Young People with Chronic Conditions”, 2015
101. Paediatrics & Child Health – “Thanks for Asking: Adolescent Attitudes and Preferences on the use of Chaperones during Intimate Physical Examinations”, 2015
102. Journal of Paediatrics and Child Health – “Opportunistic adolescent health assessment in the Child Protection Unit”, 2015
103. Acta Paediatrica - :Feeding difficulties in children with Costello syndrome: description and outcome”, 2015
104. Journal of Human Genetics – “Cerebellar vermis hypoplasia is frequently associated with CHARGE syndrome in patients with CHD7 mutations: clinical and molecular characterization of 18 unrelated Korean patients”, 2015
105. MedEDPORTAL – “Depression Screening and Suicide Prevention Resident Training Session”, 2015
106. Case Reports in Otolaryngology – “Post-Obstructive Pulmonary Edema Following tonsillectomy/Adenoidectomy in a 2 Year-Old with Poland Syndrome and Moebius Syndrome”, 2015
107. Canadian Medical Education Journal – “FIFE STARS: A Novel peer-to-peer learning platform for clinical skills development”, 2015
108. The Clinical Teacher – “observing bedside rounds for faculty development”, 2016
109. International Journal of Pediatric Otorhinolaryngology – “Differential Diagnosis of CHARGE Syndrome Based on Clinical Characteristics “, 2016
110. MedEDPORTAL – “ Bad news” deserves better communication: a case-based, customizable resource guide for teaching learners in pediatrics”, 2016
111. Paediatrics & Child Health – “Transitioning from Medical School to Residency: Evaluation of an Innovative Immersion Course for PGY-1 Pediatric Residents”, 2016

## **APPENDIX B**

### **Selected Workshops (Presenter)**

1. Child Abuse for Family Practitioners - Part of a weekend course (PEACI) 1996
2. Pediatric Education Retreat - A Feedback Workshop Blake, Laidlaw, Kaufmann 1998
3. 73<sup>rd</sup> Annual Dalhousie Refresher Course 1999.
4. Communication Skills Workshop for Faculty, the Division of Medical Education and Postgraduate Medical Education, Dalhousie University 1998.

5. Canadian Association of Medical Education – Distance Learning in Education 1999.
6. International CHARGE Conference. Presented four workshops with John Graham 1999.
7. First Annual Dalhousie Medical Education Conference “Workshop in giving feedback”  
Co-presenters David Kaufmann, David Simpson, and Toni Laidlaw 2000.
8. Atlantic Provinces Pediatric Society. Blake K, Kaufman D, Ste-Marie M (2000)  
Community Based Education -- What do Preceptors Need.
9. Council of Medical Student Education in Pediatrics (COMSEP) – How to Use Simulated  
Adolescents to Teach Psychosocial Interviewing 2000.
10. Council of Medical Student Education in Pediatrics (COMSEP) Discussion about  
research and Community Pediatrics – "Outside the walls" 2000.
11. Giving Constructive Feedback to Learners. Laidlaw TS, Blake KD. A Faculty  
Development Workshop. Dalhousie University 2001,
12. How to Organize a Departmental Workshop on Giving Constructive Feedback: A Faculty  
Development Workshop. Laidlaw TS, Blake KD. Dalhousie University 2001.
13. Adolescent Interviewing: Questions you always wanted to ask Adolescents: When,  
Where and How. Dalhousie University CME Workshop, to Family Physicians 2002.
14. We want you to give a Workshop! How to Conduct a Medical Education Workshop.  
Laidlaw TS, Blake KD A Faculty Development Workshop. Dalhousie University 2002.
15. Division of Medical Education (DME) Faculty Development Summer Institute: Laidlaw  
T, Blake KD A Feedback workshop 2004.
16. Dalhousie Refresher Course. Workshop on Adolescent Interviewing. Blake K, Little C.  
and Bergin F 2004.
17. Can Medical Students Interview Adolescents in a Structured Format. Blake K, Kirk V.  
Council of Medical Student Education in Pediatrics (COMSEP) 2005.
18. IWK Health Centre. MOVING ON: Transition of Youth from Pediatric to Adult Health  
Care. Halifax 2008
19. International Medical Graduates (IMG). Adolescent Interviewing, Halifax 2010

## APPENDIX C

### Student Electives - Dalhousie University (1997 – present)

1. Alyson Shaw (Med IV) and Martin MacKinnon (Med IV) and Kiley O'Neil (Med IV) "Use of Videoconferencing in Undergraduate Medical Education", (1997-1999).
2. Sarah Lawrence (Med III) and Shannon McPhee (Med III). "A Pediatric Clerkship community Initiative", (1998).
3. Sabe De (Med III), Dan Lefleur – (pre-med school). "Psychosocial Assessment of Adolescent Patients in the ER", (1998).
4. Dan Lefleur and Leanne van Amstel (Med I) (1999). A follow up study of the effectiveness of a HEADSS stamp on adolescent charts in the ER. Janet Balderston (Med I). A project on "CHARGE Association" in Adolescent Adults, (1999).
5. Leanne VanAmstel (Med II) (1999). Summer student supported by MRC/IWK Scholarship Grant for work of the "Psychosocial Assessment in the ER using the HEADSS Initiative", data collection and analysis.
6. Marc Nicholson and Marisa Gerard (Med II) (1999-2000). Adolescent Questionnaire and Interviews on CHARGE Association.
7. Leanne VanAmstel (Med II) (1999-2000). Scoliosis in CHARGE Association.
8. Jenneke Gradstein (Med I) (2000-2001). Interviews with CHARGE Adolescents and Database Development.
9. Marie Abi Daoud (Med I) (2000-2001). Summer Studentship supported by MRC/IWK Scholarship Grant for work of the "Incidence and Prevalence of CHARGE Association/Syndrome (A/S)" and "Adolescents and Adults with CHARGE Association, 2001.
10. Karina Issekutz (Med I) (2001-2002). CHARGE Syndrome: Defining a Behavioural Phenotype.
11. Fiona Kouyoumdjian (Med II) (2001-2002). Evaluation of a Community Project in a Third year Pediatric Clerkship.
12. Christal Doyle (Med II) (2001-2002). Scoliosis in CHARGE Syndrome.
13. Sarah Manos (Med IV) (2001-2002). Feeding in CHARGE Syndrome. Applying for funding in February 2002 for Category 'A' Grant.
14. Heidi Budden (Med IV) (2001-2002) "Incidence and Prevalence of CHARGE Association/Syndrome (A/S)". C.H.A.R.G.E. Accounts: The Health Economics of Managing CHARGE Syndrome (Birth to 5 years).
15. Chris Lawland (Med I) (2001-2002). Summer Studentship supported by MRC/IWK Scholarship Grant for work on the "CNS in CHARGE, Using the Incidence and Prevalence of CHARGE Association/Syndrome (A/S)" database.
16. Lisa Searle (Med II) (2002-2003). 0-33 years – A CHARGER's Life.
17. Lisa Gammel (Med IV) (2003-2004). C.H.A.R.G.E. Accounts: The Health Economics of Managing CHARGE Syndrome.
18. Erin Muir (Summer Research Elective). Analysis of SCAG Data – From high Schools.
19. Jan Benedict (Med IV) Student Elective CPCU 2005.
20. Karen Forward (Med II elective). Osteoporosis in C.H.A.R.G.E. Syndrome.
21. Alexa Smith (Jointly working as a Med I Elective with Dr. Rashid and Dr. Blake). Clinical Case Scenarios for 3<sup>rd</sup> Year medical students.

22. Karina Issekutz (Med IV) (2004). Epidemiology of CHARGE Syndrome.
23. Kate MacCulloch (Med I) (2005-2006). Clinical case scenarios uploaded to DalMedix
24. Ada Poranek (Med I) (2005-2006). Clinical case scenarios uploaded to DalMedix
25. Kelly Morris (Med II) (2005-2006). Summer Studentship supported by Webster, Gene study in CHARGE Syndrome
26. Kelly Morris (Med II) (2005-2006). Gene study in CHARGE Syndrome.
27. Mononita Roy (Med II) (2006) Summer Studentship supported by MRC/IWK Anaesthesia Complications in CHARGE Syndrome.
28. Jillian MacCuspie (Med I) (2007) and (Med II) (2008). CHARGE syndrome, Adult and Adolescent Issues
29. Mike Thorne (Med II) CHARGE syndrome
30. Carrie Lee Trider (Med II) (2010) (Med III) (2011). Post Operative Airway Events and Obstructive Sleep Apnea
31. Ishita Siddiq (Med I) Peer-Assisted Feedback (PAF) in Case-Based Learning (CBL) Tutorials in Undergraduate Medical Education (2011)
32. Rachel Mullinger (Med 1) Facebook - Use in Medicine: VII Nerve (2011/2012)\
33. Hanna Weimer (Med 11) Peer-Assisted Feedback (PAF) in Case-Based Learning (CBL) Tutorials in Undergraduate Medical Education (2011/2012).
34. Alexandra Manning (Med 11) (2012/2013). Tutors Understanding of Case-Based Learning
35. Alexandra Manning – Summer Student. Tutors Understanding of Case-Based Learning
36. Justin White – Clinical Elective, MED II - 2012
37. Jake Yorke (MED II) Facebook - Use in Medicine: VII Nerve
38. Jia Ren, (Med III) International Medical Student, 2014
39. Genna Bourget, (Med IV) Overseas Medical Student 2014
40. Ali Manning (Med IV) Clinical elective. 2014
41. April Tan (Med IV) International Medical Student Research with the SCAG. 2014-2015
42. Meghan MacDonald (Med II) Continuing RIM project and clinical elective. 2014-2015
43. Brittany Cameron (Med II) Clinical elective and development of living lab grant. 2015
44. Breagh Kennedy (Med IV) Clinical elective. 2015
45. Angus Morgan (Med 1) Clinical elective 2015 (summer)
46. Kristen Kukula (Med 1) Clinical elective 2015 (summer)
47. Alexandra Hudson (Med 1) Clinical elective 2015 (summer)
48. Angus Morgan (Med II) Clinical elective 2015
49. Alexandra Hudson (Med II) Clinical elective 2016 (summer)
50. Rebecca Haworth (Med II) Clinical elective 2016 (summer)



## **APPENDIX D**

### **Research in Medicine (RIM) Students Dalhousie University 2013 - Present**

1. Kellie Cloney – Research in Medicine (RIM) student. Modelling CHARGE syndrome in zebrafish (*Danio rerio*): A look at the innervation and function of the gastrointestinal and cardiac systems. 2013-2017 (2 year track)
2. Meghan MacDonald - Research in Medicine (RIM) student. Experiences with feeding and gastrointestinal motility in children with CHARGE syndrome. 2013-2017 (2 year track)
3. Alexandra Hudson (Med 1) RIM Over-stuffing in CHARGE Individuals. 2014-2018 (1 year track, requesting change to 2 year track)
4. Ashley Robinson RIM Using Structured Communication Adolescent Guide (SCAG) in Family Medicine.

### **Master Student Supervision**

1. Renee Soener co-supervised with Cindy Dobbelsteyn. A description in the Speech and Language Development in children, with CHARGE Syndrome and a comparative description of the characteristics and associated/contributing features 2002-2004.
2. Katie Smith Co-supervised with Isabel Smith. School-based intervention for a youth with CHARGE Syndrome.
3. Supervision of a Nurse Practitioner Completing Hers Masters in Extended Nursing
4. Darlene Marche (SHCD) oral sensory experiences and feeding issues in children with CHARGE Syndrome, 2002 – 2004.

### **Supervision Pre-Medicine Undergraduate Students**

Matt Kutcher – 2007 - 2011  
Meghan McDonald – 2009-2013  
Nadim Joukhadar – 2011 - 2013  
Genna Bourget – 2011 – 2013  
Abby Suissa – 2013  
Chansey Veinotte - 2015  
Will Ross - 2016

### **Special Mentions**

Three students traveled with me to Chicago (2000) for the 39th AAMC annual meeting to present at Innovations in Medical Education.

Jillian MacCusprie (2<sup>nd</sup> year medical student) carried out interviews and presented at the Ninth International CHARGE syndrome conference. This was very special as Jillian was involved with families and professors who deal with a difficult condition called CHARGE syndrome.

Jillian said, “This trip made me believe in medicine again”. Dr. MacCuspie has now been appointed as a Developmental Pediatrician at the IWK Health Centre.

Kellie Clooney received an award for Best Platform Presentation at the 1st Research in Medicine (RIM) Conference Day at Dalhousie University, 2015

Kellie Clooney received an award for Award for best platform presentation in the medical student category at the Pediatrics Research Day at Dalhousie University, 2015

Invited judge for Euphoria 2015 at Dalhousie University

Invited judge for Research in Medicine (RIM) 2015, Dalhousie University

Three students and one resident travelled with Dr. Blake to the 12<sup>th</sup> International CHARGE Conference in Chicago, 2015

In conclusion, much of my academic work is integrated with daily clinical and teaching commitments at Dalhousie University, the IWK Health Centre and with the families/patients. I think of myself as a clinician (general pediatrician) educator at all levels, including families and professionals. My future goals are to continue my research in CHARGE syndrome and medical education offering guidance to my junior colleagues and medical students.