

Annie Dupuis, PhD

Email: Annie.Dupuis@mdstats.ca

Education

November 2001- December 2003

CIHR Post Doctoral Fellow

Population Health Sciences, Hospital for Sick Children, Toronto, Ontario
Supervisor: Dr. Mary Corey

September 1996 – November 2001

PhD biostatistics

Public Health Sciences, University of Toronto, Toronto, Ontario
Supervisor: Dr. Paul Corey

- NSERC (PGS – B) Scholarship
- University of Toronto Open Fellowship

September 1994 – September 1996

MSc biostatistics

Public Health Sciences, University of Toronto, Toronto, Ontario
Supervisor: Dr. Michael Escobar

- NSERC (PGS – A) scholarship
- University of Toronto Open Fellowship

May 1991 – May 1994

BSc statistics (First class honours)

Statistics, Dalhousie University, Halifax, Nova Scotia

- University Medal in Statistics
- Ralph and Frances Lewis Jeffery Scholarship
- Dalhousie University Scholarship

Employment

July 2013 – present **Senior Biostatistician**

Clinical Research Services, Hospital for Sick Children, Toronto, Ontario
Supervisor: Dr. Lisa Goos

June 2004 – July 2013 **Biostatistician**

Child Health Evaluative Sciences, Hospital for Sick Children, Toronto, Ontario
Supervisor: Derek Stephens

September 2008 – March 2012 **Biostatistician**

Research Institute, Bloorview Kids Rehab, Toronto, Ontario 0.2FTE
Supervisor: Dr. Colin McArthur, Dr. Virginia Wright

December 2003 – June 2005 **Independent Consultant**

November 2001 – December 2003 **Post Doctoral Fellow**

Population Health Sciences, Hospital for Sick Children, Toronto, Ontario
Supervisor: Dr. Mary Corey

October 1995 – November 2001 **Research Assistant**

Population Health Sciences, Hospital for Sick Children, Toronto, Ontario
Supervisor: Dr. Mary Corey

June 1995 – September 1995 **Consultant**

Pasteur Mérieux Connaught, North York, Ontario
Supervisor: Sanjay Mitter

September 1992 – May 1994 **Research Assistant**

Community Health and Epidemiology, Dalhousie University, Halifax, Nova Scotia
Supervisor: Dr. David MacLean

April 1993 – Septemeber 1993 **Research Assistant**

Statistics, Dalhousie University, Halifax, Nova Scotia
Supervisor: Dr. Chris Field

January 1992 – April 1992 **Research Assistant**

Bedford Institute of Oceanography, Habitat Ecology Division, Dartmouth, Nova Scotia
Supervisor: Dr. Gareth Harding

Teaching

May 2008 – current **Assistant Professor**

Dalla Lana School of Public Health, University of Toronto, Toronto, Ontario

- Practicum supervisor and instructor: Lab Course CHL5207Y/CHL5208Y
- Guest lecturer: VicOne, Augusta Stowe-Guleen Stream 2015/16
- Reading course: CHL7001H "Statistical Methods for Categorical Data", Spring 2009

September 2006 – June 2008 **Practicum Supervisor**

Faculty of Medicine, University of Toronto, Toronto, Ontario

September 1998 – December 1998 **Lecturer**

Faculty of Pharmacy, University of Toronto, Toronto, Ontario

Student supervision

PhD Committee Member

2015/ongoing Mohsen Soltanifar PhD student, Biostatistics, University of Toronto
Thesis: Modeling stop signal reaction time distribution.

Program Advisory Committee Member

2016/ongoing Xiang Ji MSc student, Institute of Medical Sciences, University of Toronto
Project: To develop a better test to detect Vigabatrin toxicity

2016/ongoing Tania Mahendiran MSc student, Institute of Medical Sciences, University of Toronto
Project: Gender differences in social communication deficits in ASD

2016/2017 Mary Yang MSc student, Institute of Medical Sciences, University of Toronto
Project: Evaluation of RETeval, a new portable ERG system

2015/16 Sahar Borairi MSc student, Institute of Medical Sciences, University of Toronto

2013/15 Marlana Colasanto MSc student, Institute of Medical Sciences, University of Toronto
Thesis: Repetitive behaviours across ASD, ADHD and OCD.

2013/ongoing Allan Poon MSc student, Institute of Medical Sciences, University of Toronto
Thesis: Investigating early structural and functional biomarkers of diabetic retinopathy.

2013/14 Ananthavalli Kumara MSc student, Institute of Medical Sciences, University of Toronto
Thesis: Association Between Vigabatrin Toxicity Identified by ERG and Subsequent Visual Field Reduction.

2013/14 Laura Finkleberg MSc student, Institute of Medical Sciences, University of Toronto
Thesis: Cone photoreceptor structure and function in adolescents with type 1 diabetes

2011/12 Wylie Tan MSc student, Institute of Medical Sciences, University of Toronto
Thesis: Localizing Structural and Functional Damage in the Neural Retina of Adolescents with Type 1 Diabetes.

Practicum Supervisor

2017/18 Alison Chui MSc student, Biostatistics Lab Course, University of Toronto
Project: Characterizing working memory deficits in ADHD using the Nback task

2016/17 Jimmy Hu MSc student, Biostatistics Lab Course, University of Toronto
Project: Verbal and spatial working memory across increasing workloads in ADHD.

2016/17 Alex Zhen MSc student, Biostatistics Lab Course, University of Toronto
Project: Social functioning across ADHD and ASD.

2015/16 Mohsen Soltanifar PhD student, Biostatistics Lab Course, University of Toronto
Project: Modeling stop signal inhibition probability using repeated measures logistic regression.

2015/16 Michael Moon MSc student, Biostatistics Lab Course, University of Toronto
Project 1: Is the prevalence of rigid and ritualistic repetitive behaviors reduced in children with ASD and high ADHD traits?
Project 2: Correlation between the Vineland Adaptive Behavior Scale (interview) and the Adaptive Behavior Assessment System; do IQ, primary and comorbid diagnoses, and age predict systematic differences between scores?

Annie Dupuis, Resume

2014/15 Meheshan Indralingam MSc student, Biostatistics Lab Course, University of Toronto
Project: Longitudinal modeling of Stop Task data in children with ADHD.

2014/15 Qian Yang MSc student, Biostatistics Lab Course, University of Toronto
Project: Setting effects in Stop Task parameters.

2013/14 Nadia Muhe MSc student, Biostatistics Lab Course, University of Toronto
Project: Cluster Analysis of psychometric data for children with ADHD.

2013/14 Lei Miao MSc student, Biostatistics Lab Course, University of Toronto
Project: Functional outcomes in young adolescents with ADHD.

2012/13 Luis Palma MSc student, Biostatistics Lab Course, University of Toronto
Project: Controlling for baseline values when modeling longitudinal disease progression.

2012/13 Yunqi Chen MSc student, Biostatistics Lab Course, University of Toronto
Project: Developing graphical displays to explore patterns in autism phenotypes.

2011/12 Azadeh Tanha MSc student, Biostatistics Lab Course, University of Toronto
Project: Clinical Trial of group therapy programme for young children with anxiety disorder.

2010/11 Jingqin Zhu MSc student, Biostatistics Lab Course, University of Toronto
Project: The association between certain gene mutations and the risk of pancreatitis in patients with CF and CFTR related disorders.

2008/09 Sue Klejman MSc student, Biostatistics Lab Course, University of Toronto
Project: Measures of reliability, error, and potential change. Bloorview Kids Rehab.

2008/09 Lucia Light MSc student, Biostatistics, University of Toronto
Project: Developing a quality of life scale for use in children with primary ciliary dyskinesia.

2007/08 Andy Ni MSc student, Biostatistics Lab course, University of Toronto
Project: Using principal component analysis to develop a cystic fibrosis spectrum score.

2006/07 Liz (Weili) Li MSc student, Biostatistics Lab Course, University of Toronto
Project: Using real time data capture to measure pain in adolescents with arthritis.

Data Safety Monitoring Board membership (current)

Title: Simple Bone Cysts in Kids (SBoCK)

Years: 2016-

Sponsor: Dr. James Wright

Title: A randomized placebo-controlled trial of tideglusib vs. placebo in the treatment of adolescents with ASD "TIDE Study"

Years: 2015-

Sponsor: Dr. Evdokia Anagnostou

Title: Inhaled Magnesium in Refractory Pediatric Acute Asthma

Years: 2012-

Sponsor: Dr. Suzanne Schuh

Ongoing Research Support

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Title: Comparing the physiological presentation of anxiety between samples of children with autism spectrum disorder and those with anxiety disorders (\$539,325)

Years: 2018-21

Agency: CIHR

PI: Azadeh Kushki, PhD

Role: Co-Investigator

Title: Investigation of the Efficacy of the JUMP Program of Mathematics Instruction

Years: 2012-18

Agency: IES Institute for Education Sciences. (\$2,750,000 US)

PI: Rosemary Tannock, PhD, and Bruce Ferguson PhD

Role: Co-Investigator

Past Research Support

Title: Intranasal Oxytocin for the Treatment of Children and Adolescents with ASD

Years: 2011-2015

Agency: Department of Defense (\$801,790)

PI: Evdokia Anagnostou, M.D., Suma Jacob, PhD

Role: Co-Investigator

Title: Mood Assessment via Animated Characers: An innovative feelings rating scale

Years: 2010-13

Agency: SSHRC (\$98,000)

PI: Katharina Manassis, M.D.

Role: Co-Investigator

Title: A pilot randomized, placebo controlled trial of OMEGA-3 fatty acids in treatment of young children with autism

Years: 2009-12

Agency: Alva Foundation (\$150,000)

PI: Evdokia Anagnostou, M.D.

Role: Co-PI

Title: Diagnosing Cystic Fibrosis in Neonates and Adults: Where do we draw the line?

Years: 2009 – 2011

CCFF (\$120,000)

PI: Peter Durie, M.D.

Role: Consultant

Workshops and Local Presentations

2017 - *SORA-TABA Data Visualization Workshop and DLSPH Biostatistics Research Day* - co-chair, Hospital for Sick Children, Toronto, Ontario

2016 – *Facts are stubborn things, but statistics are more pliable*, Integrity in Medicine Workshop, Faculty of Medicine, University of Toronto.

Creating a database, Introduction to Biostatistics, Biostatistics Models II, Graphical Methods – Ophthalmology, Hospital for Sick Children, Toronto, Ontario

2015 – *Creating a database(2), Introduction to SAS I, Introduction to Linear Regression* – Research Institute, Hospital for Sick Children, Toronto, Ontario

Creating a database, Introduction to Biostatistics, Biostatistics Models II, Graphical Methods – Ophthalmology, Hospital for Sick Children, Toronto, Ontario

2014 – *Introduction to Biostatistics* – BME479H1 - Introduction to biomedical systems engineering design concepts, Engineering, University of Toronto, Toronto, Ontario

Creating a database(3), Introduction to SAS I (2) – Research Institute, Hospital for Sick

Annie Dupuis, Resume

- Children, Toronto, Ontario
Creating a database, Introduction to Biostatistics, Biostatistics Models II, Graphical Methods – Ophthalmology, Hospital for Sick Children, Toronto, Ontario
Identifying homogeneous subgroups of children and adolescents with ADHD, autistic, OCD, and ID traits – POND Scientific Research Day, Hospital for Sick Children, Toronto, Ontario
- 2013 – *Creating a database, Introduction to Biostatistics, Biostatistics Models II, Graphical Methods* – Ophthalmology, Hospital for Sick Children, Toronto, Ontario
Identifying homogeneous subgroups of children and adolescents with ADHD, autistic, OCD, and ID traits – POND Scientific Research Day, McMaster University, Toronto, Ontario
- 2012 – *Mixed Models Analysis* – CHES, Hospital for Sick Children, Toronto, Ontario
Creating a database, Introduction to Biostatistics, Graphical Methods – Ophthalmology, Hospital for Sick Children, Toronto, Ontario
- 2011 – *Creating a database, Introduction to Biostatistics, Graphical Methods* – Ophthalmology, Hospital for Sick Children, Toronto, Ontario
Data Entry, Introduction to Biostatistics, Graphical Methods – Holland Bloorview Kids Rehab, Toronto, Ontario
- 2010 – *Evaluating the Validity and Reliability of Rating Scales* – CHES, Hospital for Sick Children, Toronto, Ontario
Overview of Statistical Methods – CHES, Hospital for Sick Children, Toronto, Ontario
Data Entry, Introduction to Biostatistics, Graphical Methods – Ophthalmology, Hospital for Sick Children, Toronto, Ontario

Conference presentations and first author posters

- 2015 – Identifying homogenous subgroups of children with ASD, ADHD, and OCD (Poster)
IMFAR Salt Lake City, Utah
- 2012 – Introduction to Biostatistics – Hammad Health Sciences Centre, Doha, Qatar
- 2007 – Redefining the diagnostic parameters of Cystic Fibrosis.
North American Cystic Fibrosis Conference Anaheim, California
- 2007 – Establishing a research database (moderator).
North American Shwachman-Diamond Syndrome Registry meeting.
National Institute of Health, Bethesda, Maryland
- 2006 – Establishing research hypotheses.
International Shwachman-Diamond Syndrome database workshop. Verona, Italy
- 2006 – Designing case report forms.
International Shwachman-Diamond Syndrome database workshop. Verona, Italy
- 2004 – Making sense of the data: novel analytical methods for re-defining diagnostic standards.
North American Cystic Fibrosis Conference Symposium. St. Louis, Missouri.
Pediatr Pulmonol 2004;Suppl(113-114).
- 2003 – Statistical and graphical methods for defining phenotype in spectrum disorders.
CAIRN Conference. Toronto, Ontario.
- 2002 – Declining CF Birth Rates in Canada: a genetic screening effect? N Amer CF Conference,
New Orleans, Louisiana (Poster)

Publications

2018

Dupuis A, Indralingam A, Chevrier A, Crosbie C, Arnold P, Burton CL, Schachar R. Response time adjustment in the Stop Signal Task: development in children and adolescents. *Child Dev.* 2018 Mar 30. doi: 10.1111/cdev.13062

2017 and earlier

Baribeau DA, **Dupuis A**, Paton TA, Scherer SW, Schachar RJ, Arnold PD, Szatmari P, Nicolson R, Georgiades S, Crosbie J, Brian J, Iaboni A, Lerch J, Anagnostou E. Oxytocin Receptor Polymorphisms are Differentially Associated with Social Abilities across Neurodevelopmental Disorders. *Sci Rep*. 2017 Sep 14;7(1):11618. doi: 10.1038/s41598-017-10821-0.

van der Plas E., **Dupuis A.**, Arnold P., Crosbie J., Schachar R. Association of autism spectrum disorder with obsessive-compulsive and attention-deficit/hyperactivity traits in a community sample. *J Autism Dev Disord*. 2016 Sep;46(9):3115-25. doi: 10.1007/s10803-016-2853-y.

Dupuis A, Keenan K, Ooi CY, Dorfman R, Sontag MK, Naehrlich L, Castellani C, Strug L, Rommens J, Gonska T. Prevalence of Meconium ileus (MIP) marks the severity of mutations of the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) gene. *Genet Med*. 2016 Apr;18(4):333-40

Park LS, Burton CL, **Dupuis A**, Shan J, Storch EA, Crosbie J, Schachar RJ, Arnold PD. The Toronto Obsessive-Compulsive Scale: Psychometrics of a Dimensional Measure of Obsessive-Compulsive Traits. *J Am Acad Child Adolesc Psychiatry*. 2016 Apr;55(4):310-318

Burton CL, Crosbie J, **Dupuis A**, Mathews CA, Soreni N, Schachar R, Arnold PD. Clinical Correlates of Hoarding With and Without Comorbid Obsessive-Compulsive Symptoms in a Community Pediatric Sample. *J Am Acad Child Adolesc Psychiatry*. 2016 Feb;55(2):114-121

Panju S, Brian J, **Dupuis A**, Anagnostou E, Kushki A. Atypical sympathetic arousal in children with autism spectrum disorder and its association with anxiety symptomatology. *Mol Autism*. 2015 Dec 11;6:64

Baribeau DA, Doyle-Thomas KA, **Dupuis A**, Iaboni A, Crosbie J, McGinn H, Arnold PD, Brian J, Kushki A, Nicolson R, Schachar RJ, Soreni N, Szatmari P, Anagnostou E. Examining and comparing social perception abilities across childhood-onset neurodevelopmental disorders. *J Am Acad Child Adolesc Psychiatry*. 2015 Jun;54(6):479-486.

Mankad D, **Dupuis A**, Smile S, Roberts W, Brian J, Lui T, Genore L, Zaghoul D, Iaboni A, Marcon PM, Anagnostou E. A randomized, placebo controlled trial of omega-3 fatty acids in the treatment of young children with autism. *Mol Autism*. 2015 Mar 21;6:18.

Banihani R, Smile S, Yoon G, **Dupuis A**, Mosleh M, Snider A, McAdam L. Cognitive and Neurobehavioral Profile in Boys with Duchenne Muscular Dystrophy. *J Child Neurol*. 2015 Oct;30(11):1472-82

Stinson JN, Jibb LA, Laloo C, Feldman BM, McGrath PJ, Petroz GC, Streiner D, **Dupuis A**, Gill N, Stevens BJ. Comparison of Average Weekly Pain Using Recalled Paper and Momentary Assessment Electronic Diary Reports in Children with Arthritis. *Clin J Pain*. 2014 Dec;30(12):1044-50.

Anagnostou E, Soorya L, Brian J, **Dupuis A**, Mankad D, Smile S, Jacob S. Intranasal oxytocin in the treatment of autism spectrum disorders: A review of literature and early safety and efficacy data in youth. *Brain Res*. 2014 Sep 11;1580:188-98

Kushki A, Brian J, **Dupuis A**, Anagnostou E. Functional autonomic nervous system profile in children with autism spectrum disorder. *Mol Autism*. 2014 Jul 4;5:39

Ooi CY, **Dupuis A**, Gonska T, Ellis L, Ni A, Jarvi K, Martin S, Ray P, Steele L, Kortan P, Dorfman R, Solomon M, Zielenski J, Corey M, Tullis E, Durie P. Does Integration of Different Ion Channel

Measurements Improve Diagnostic Performance in Cystic Fibrosis? *Ann Am Thorac Soc.* 2014 May;11(4):562-70.

Wright L, Lipszyc J, **Dupuis A**, Thayapararajah SW, Schachar R. Response inhibition and psychopathology: A meta-analysis of go/no-go task performance. *J Abnorm Psychol.* 2014 May;123(2):429-39.

Tan W, Wright T, **Dupuis A**, Lakhani E, Westall C. Localizing Functional Damage in the Neural Retina of Adolescents and Young Adults with Type 1 Diabetes. *Invest Ophthalmol Vis Sci.* 2014 Apr 15;55(4):2432-41.

Ooi CY, **Dupuis A**, Ellis L, Jarvi K, Martin S, Ray PN, Steele L, Kortan P, Gonska T, Dorfman R, Solomon M, Zielenski J, Corey M, Tullis E, Durie P. Does extensive genotyping and nasal potential difference testing clarify the diagnosis of cystic fibrosis among patients with single-organ manifestations of cystic fibrosis? *Thorax* 2014 Mar;69(3):254-60.

Aiyar L, Shuman C, Hayeems R, **Dupuis A**, Pu S, Wodak S, Chitayat D, Velsher L, Davies J. Risk estimates for complex disorders: comparing personal genome testing and family history. *Genet Med.* 2014 Mar;16(3):231-7.

Kushki A, Drumm E, Mobarak MP, Tanel N, **Dupuis A**, Chau T, Anagnostou E. Investigating the Autonomic Nervous System Response to Anxiety in Children with Autism Spectrum Disorders *PLoS One.* 2013;8(4).

Gassas A, Sung L, **Dupuis A**, Schechter T, Egeler M, Ali M. Acute gut GVHD in children: does skin involvement matter? *Bone Marrow Transplant.* 2013 Aug;48(8):1129-32

Lee TC, **Dupuis A**, Jones E, Guberman C, Herbert M, Manassis K. Effects of age and subtype on emotional recognition in children with anxiety disorders: implications for cognitive-behavioural therapy. *Can J Psychiatry.* 2013 May;58(5):283-90.

Birken CS, Khambalia A, **Dupuis A**, Pastor A, Lee M, Padavattan K, Mekky M, Odame I, Parkin PC. Morphine Is Associated With Acute Chest Syndrome in Children Hospitalized With Sickle Cell Disease. *Hospital Pediatrics* April 2013;3(2), 149-155.

Crosbie J, Arnold P, Paterson A, Swanson J, **Dupuis A**, Li X, Shan J, Goodale T, Tam C, Strug LJ, Schachar RJ. Response inhibition and ADHD traits: correlates and heritability in a community sample. *J Abnorm Child Psychol.* 2013 Apr;41(3):497-507

Smile S, **Dupuis A**, MacArthur C, Roberts W, Fehlings D. Autism spectrum disorder phenotype in children with ambulatory cerebral palsy: A descriptive cross-sectional study. *Research in Autism Spectrum Disorders* Feb 2013;7(2), 391-397.

Manassis K, Mendlowitz S, **Dupuis A**, Kreindler D, Lumsden C, Monga S, Guberman C. Mood assessment via animated characters: An instrument to access and evaluate emotions in young children. *OJPsych* Feb 2013;3(1A).

Quinton P, Molyneux L, Ip W, **Dupuis A**, Avolio J, Tullis E, Conrad D, Shamsuddin AK, Durie P, Gonska T. Beta-adrenergic Sweat Secretion as a Diagnostic Test for Cystic Fibrosis. *Am J Respir Crit Care Med.* 2012 Oct 15;186(8):732-9

Ooi CY, **Dupuis A**, Ellis L, Jarvi K, Martin S, Gonska T, Dorfman R, Kortan P, Solomon M, Tullis E, Durie PR. Comparing the American and European diagnostic guidelines for cystic fibrosis: same disease, different language? *Thorax.* 2012 Jul;67(7):618-24

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Gonska T, Choi P, Stephenson A, Ellis L, Martin S, Solomon M, **Dupuis A**, Dorfman R, Zielenski J, Ooi CY, Weiser W, Durie PR, Tullis E. Role of Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) in patients with chronic sinopulmonary disease. *Chest*. 2012 Oct;142(4):996-1004.

Tse R, Marcus JR, Curtis CG, **Dupuis A**, Clarke HM. Suprascapular nerve reconstruction in obstetrical brachial plexus palsy: spinal accessory nerve transfer versus C5 root grafting. *Plast Reconstr Surg*. 2011 Jun;127(6):2391-6.

Stinson JN, Stevens BJ, Feldman BM, Streiner DL, McGrath PJ, **Dupuis A**, Gill N, Petroz GC. Using an electronic pain diary to better understand pain in children and adolescents with arthritis. *Pain Management*. March 2011;1(2):127-37.

Andrysek J, Christensen J, **Dupuis A**. Factors influencing evidence-based practice in prosthetics and orthotics. *Prosthet Orthot Int*. 2011 Mar;35(1):30-8.

Amin R, Lam M, **Dupuis A**, Ratjen F. The effect of early *Pseudomonas aeruginosa* treatment on lung function in pediatric cystic fibrosis. *Pediatr Pulmonol*. 2011 Jun;46(6):554-8

Sonnenberg LK, **Dupuis A**, Rumney PG. Preschool traumatic brain injury and its impact on social development at eight years of age. *Brain Inj*. 2010;24(7-8):1003-7.

Klejman S, Andrysek J, **Dupuis A**, Wright V. Test-retest reliability of discrete gait parameters in children with cerebral palsy. *Arch Phys Med Rehabil*. 2010 May;91(5):781-7.

Sterescu AE, Jackson R, **Dupuis A**, Hanna A, Wilson DC, Tullis E, Pencharz PB. Natural history of glucose intolerance in patients with cystic fibrosis: ten year prospective observation program. *J Pediatr*. 2010 Apr;156(4):613-7.

Kerr EN, Ellis L, **Dupuis A**, Rommens JM, Durie PR. The behavioral phenotype of school-age children with Shwachman Diamond Syndrome indicates neurocognitive dysfunction with loss of SBDS gene function. *J Pediatr*. 2010 Mar;156(3):433-8.

Sharan S, **Dupuis A**, Hébert D, Levin AV. The effect of oral acetazolamide on weight gain in children. *Can J Ophthalmology* 2010 Feb;45(1):41-5.

Amin R, **Dupuis A**, Aaron SD, Ratjen F. The effect of chronic infection with *Aspergillus fumigatus* on lung function and hospitalization in cystic fibrosis patients. *Chest*. 2010 Jan;137(1):171-6.

Rhodes B, Tullis E, Pencharz PB, Brotherwood M, **Dupuis A**, Stephenson A. Prevalence of dyslipidemia in adults with cystic fibrosis. *J Cyst Fibros* 2010 Jan;9(1):24-8.

Stevens, B., McGrath, P., Ballantyne, M., Yamada, J., **Dupuis, A.**, Gibbins, S., Franck, L., Finley, A., Howlett, A., Johnston, C., O'Brien, K., Ohlsson, A. Influence of risk of neurological impairment and procedure invasiveness on health professionals' assessment and management of procedural pain in neonates. *Eur J Pain*. 2010 Aug;14(7):735-41

Afzal S, Ishaqi MK, **Dupuis A**, Doyle J, Gassas A. Early lymphocyte recovery after allogeneic hematopoietic SCT is associated with significant GVL effect in pediatric ALL but not acute myelogenous leukemia – Update study. *Bone Marrow Transplant*. 2009 Dec;44(12):799-804.

Ishaqi MK, Afzal S, **Dupuis A**, Doyle J, Gassas A. Outcome of allogeneic hematopoietic stem cell transplantation for children with acute myelogenous leukemia in second complete remission: Single center experience. *Pediatr Transplant*. 2009 Dec;13(8):999-1003.

Khambalia AZ, O'Connor DL, MacArthur C, **Dupuis A**, Zlotkin SH. Periconceptional iron supplementation does not reduce anemia or improve iron status among pregnant women in rural Bangladesh. *Am J Clin Nutr* 2009 Nov;90(5):1295-302.

Stevens B, McGrath P, **Dupuis A**, Gibbins S, Beyene J, Breau L, Camfield C, Allen Finley G, Franck LS, Howlett A, Johnston C, McKeever P, O'Brien K, Ohlsson A, Yamada J. Indicators of pain in neonates at risk for neurological impairment. *J Adv Nurs*. 2009 Feb;65(2):285-96.

Pei Y, Obaji J, **Dupuis A**, Paterson AD, Magistrini R, Dicks E, Parfrey P, Cramer B, Coto E, Torra R, San Millan JL, Gibson R, Breuning M, Peters D, Ravine D. Unified Criteria for Ultrasonographic Diagnosis of ADPKD. *J Am Soc Nephrol*. 2009 Jan;20(1):205-12.

Gassas A, Afzal S, Ishaqi MK, Finkelstein-Shechter T, Rojas M, **Dupuis A**, Sung L, Doyle J. Pediatric standard-risk AML with fully matched sibling donors: to transplant in first CR or not? *Bone Marrow Transplant*. 2008 Sep;42(6):393-6.

Gibbins S, Stevens B, McGrath P, **Dupuis A**, Yamada J, Beyene J, Breau L, Camfield C, Finley GA, Franck L, Johnston C, McKeever P, O'Brien K, Ohlsson A. Changes in physiological and behavioural pain indicators over time in preterm and term infants at risk for neurologic impairment. *Early Hum Dev*. 2008 Nov;84(11):731-8.

Gassas A, Ishaqi MK, Afzal S, Finkelstein-Shechter T, **Dupuis A**, Doyle J. A comparison of the outcomes of children with acute myelogenous leukemia in either first or second complete remission (CR1 vs CR2) following allogeneic hematopoietic stem cell transplantation at a single transplant center. *Bone Marrow Transplant*. 2008 Jun;41(11):941-5.

Hawkes M, Campisi P, Zafar R, Punthakee X, **Dupuis A**, Forte V, Ford-Jones EL. Time course of juvenile onset recurrent respiratory papillomatosis caused by human papillomavirus. *Pediatr Infect Dis J*. 2008 Feb;27(2): 149-154.

Gassas A, Ishaqi MK, Afzal S, **Dupuis A**, Doyle J. Outcome of haematopoietic stem cell transplantation for paediatric acute lymphoblastic leukaemia in third complete remission: a vital role for graft-versus-host-disease/ graft-versus-leukaemia effect in survival. *Br J Haematol*. 2008 Jan;140(1):86-9.

Ishaqi MK, Afzal S, **Dupuis A**, Doyle J, Gassas A. Early lymphocyte recovery post-allogeneic hematopoietic stem cell transplantation is associated with significant graft-versus-leukemia effect without increase in graft-versus-host disease in pediatric acute lymphoblastic leukemia. *Bone Marrow Transplant*. 2008 Feb;41(3):245-52.

Lucco KL, Brown CM, Spitzer R, Stephens D, **Dupuis A**, Kives S, Allen L. Psychosexual and Functional Outcomes After Creation of a Neovagina Via Laparoscopic Davydov in Patients with Vaginal Agenesis. *J Ped Adol Gynecol* 2008 Apr;21(2):61-62.

Stinson JN, Stevens BJ, Feldman BM, Streiner D, McGrath PJ, **Dupuis A**, Gill N, Petroz GC. Construct validity of a multidimensional electronic pain diary for adolescents with arthritis. *Pain*. 2008 Jun;136(3):281-92.

Stevens B, Franck L, Gibbins S, McGrath PJ, **Dupuis A**, Yamada J, Beyene J, Camfield C, Finley GA, Johnston C, O'Brien K, Ohlsson A. Determining the structure of acute pain responses in vulnerable neonates. *Can J Nurs Res*. 2007 Jun;39(2):32-47.

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Wilchanski M, **Dupuis A**, Ellis L, Jarvi K, Zielenski J, Tullis E, Martin S, Corey M, Tsui LC, Durie P. Mutations in Cystic Fibrosis Transmembrane Regulator Gene and in vivo Transepithelial Potentials. *Am J Respir Crit Care Med*. 2006 Oct 1;174(7):787-94.

Cantin AM, Hanrahan JW, Bilodeau G, Ellis L, **Dupuis A**, Liao J, Zielenski J, Durie P. Cystic Fibrosis Transmembrane Conductance Regulator Function is Suppressed in Cigarette Smokers. *Am J Respir Care Med*. 2006 May 15;173(10): 1139-44

Bishop MD, Freedman SD, Zielenski J, Ahmed N, **Dupuis A**, Martin S, Ellis L, Shea J, Hopper I, Corey M, Kortan P, Haber G, Ross C, Tzountzouris J, Steele L, Ray PN, Tsui LC, Durie PR. The cystic fibrosis transmembrane conductance regulator gene and ion channel function in patients with idiopathic pancreatitis. *Hum Genet*. 2005 Dupuis;118(3-4):372-81.

Clarke DF, Roberts W, Daraksan M, **Dupuis A**, McCabe J, Wood H, Snead OC 3rd, Weiss SK. The prevalence of autistic spectrum disorder in children surveyed in a tertiary care epilepsy clinic. *Epilepsia*. 2005 Dec;46(12):1970-7.

Dupuis A, Hamilton D, Cole DE, Corey M. Cystic Fibrosis Birth Rates in Canada: A Decreasing Trend since the Onset of Genetic Testing. *J Ped*. 2005 Sep;147(3):312-5.

Alothman GA, Alsaadi MM, Ho BL, Ho SL, **Dupuis A**, Corey M, Coates AL. Evaluation of bronchial constriction in children with cystic fibrosis after inhaling two different preparations of tobramycin. *Chest*. 2002;122(3):930-4.

Ip WF, **Dupuis A**, Ellis L, Beharry S, Morrison J, Stormon M, Corey M, Rommens JM, Durie PR. Serum pancreatic enzymes define the pancreatic phenotype in patients with Shwachman Diamond syndrome. *J Ped*. 2002;141:259-65.

Schuh S, Reisman J, Alshehri M, **Dupuis A**, Corey M, Arseneault R, Alothman G, Tennis O, Canny G. A Comparison of inhaled fluticasone propionate and oral prednisone for children with acute asthma. *New Engl J Med*. 2000;343(10):689-94.

Gilljam M, Antoniou M, Shin J, **Dupuis A**, Corey M, Tullis E. Pregnancy in cystic fibrosis: fetal and maternal outcome. *Chest* 2000;118(1):85-91.

Durno C, Sherman P, Williams T, Shuckett B, **Dupuis A**, Griffiths A. Magnetic resonance imaging to distinguish the type and severity of pediatric inflammatory bowel disease. *J Pediatr Gastroenterol Nutr* 2000;30(2):170-4.

Durno C, Sherman P, Harris K, Smith C, **Dupuis A**, Shandling B, Wesson D, Filler R, Superina R, Griffiths A. Outcome after ileoanal anastomosis in pediatric patients with ulcerative colitis. *J Pediatr Gastroenterol Nutr* 1998;27(5):501-7.

Harding GC, LeBlanc RJ, Vass WP, Addison RF, Hargrave BT, Pearre S, **Dupuis A**, Brodie PF. Bioaccumulation of polychlorinated biphenyls (PCBs) in the marine pelagic food web, based on a seasonal study in the southern Gulf of St. Lawrence, 1976-1977. *Marine Chem* 1997;56(3-4):145-179.