
BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Peter Forbes		POSITION TITLE Senior Biostatistician	
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Eastern Michigan University, Ypsilanti, MI	B.A.	1988	Mathematics
University of Michigan, Ann Arbor, MI	M.A.	1992	Applied Social Research

A. Positions and Honors

Professional Experience

1992-1993 Survey Sampling Specialist, Mathematica Policy Research, Princeton, NJ
1993-1998 Assistant Study Director, Center for Survey Research, University of Massachusetts, Boston, MA
1998-2000 Statistician/Programmer, Learning Disabilities Research Center, Children's Hospital, Boston, MA
2000-2006 Biostatistician, Clinical Research Program, Children's Hospital, Boston, MA
2006- Senior Biostatistician, Clinical Research Program, Children's Hospital, Boston, MA

Memberships

American Statistical Association
American Public Health Association

Courses taught

Introduction to Biostatistics with SPSS. A six-lecture course with companion computer lab sessions. It covers the basic principles of biostatistics as well as introduces participants to data summaries, graphical methods, confidence intervals, comparing means, comparing proportions, nonparametric tests, managing data, and statistical analysis. 2006 (Winter and Spring); 2007 (Spring and Fall)

Seminars

Analysis of data from complex sample designs using SAS, with examples from H-CUP datasets. January 2005

B. Selected peer-reviewed publications

Waber DP, Wolff PH, **Forbes PW**, Weiler MD. Rapid automatized naming in children referred for evaluation of heterogeneous learning problems: How specific are naming speed deficits to reading disability? *Child Neuropsychology* 2000;6: 251-261.
Waber DP, Weiler MD, Bellinger D, Marcus DH, **Forbes P**, Wypij D, Wolff PH. Diminished motor timing control in children referred for diagnosis of learning problems. *Developmental Neuropsychology* 2000;17: 181-197.
Waber DP, Wolff PH, Weiler MD, Bellinger D, Marcus DH, **Forbes P**, Wypij D. Processing of rapid auditory stimuli in school-age children referred for evaluation of learning disorder *Child Development* 2001;72: 37-49.
Harris NS, **Forbes P**, Weiler MD, Bellinger D, Waber DP. Children with adequate achievement scores referred for evaluation of school difficulties: Information processing deficiencies. *Developmental Neuropsychology* 2001;20: 593-603.
Kirkwood MW; Weiler MD; Holms Bernstein J, **Forbes PW**; Waber DP. Sources of poor performance on the Rey-Osterrieth Complex Figure Test among children with learning difficulties: A dynamic assessment approach. *Clinical Neuropsychologist* 2001;15: 345-356.
Randolph AG, Wypij D, Venkataram ST, Hanson JH, Gedeit RG, Meert KL, Luckett PM, **Forbes P**, Lilley

- M, Thompson J, Cheifetz IM, Hibberd P, Wetzel R, Cox PN, Arnold JH. Effect of mechanical ventilator weaning protocols on respiratory outcomes in infants and children: a randomized controlled trial. *JAMA* 2002;288(20):2561-2568.
- Randolph AG, Meert KL, O'Neil ME, Hanson JH, Luckett PM, Arnold JH, Gedeit RG, Cox PN, Robersts JS, Venkataraman ST, **Forbes PW**, Cheifetz IM. The feasibility of conducting clinical trials in infants and children with acute respiratory failure. *American Journal of Respiratory & Critical Care Medicine* 2003; 167(10):1334-1340.
- Hansen A., **Forbes P**, Arnold A, O'Rourke E. Once-daily gentamicin dosing for the preterm and term newborn: proposal for a simple regimen that achieves target levels. *J Perinatol* 2003;23(8): 635-9.
- Weiler MD, **Forbes P**, Kirkwood M, Waber D. The developmental course of processing speed in children with and without learning disabilities. *J Exp Child Psychol* 2003;85(2): 178-94.
- Waber DP, Marcus DJ, **Forbes PW**, Bellinger DC, Weiler MD, Sorensen LG, Curran T. Motor sequence learning and reading ability: Is poor reading associated with sequencing deficits? *J Exp Child Psychol* 2003;84(4): 338-54.
- Rivkin MJ, Vajapeyam S, Hutton C, Weiler ML, Hall EK, Wolraich DA, Yoo SS, Mulkern RV, **Forbes PW**, Wolff PH, Waber DP. A functional magnetic resonance imaging study of paced finger tapping in children. *Pediatric Neurology* 2003;28(2):89-95.
- Mooney, DP, **Forbes, PW**. Variation in the management of pediatric splenic injuries in New England. *Journal of Trauma-Injury Infection & Critical Care* 2004;56(2):328-333.
- Mooney DP, **Forbes P**. Trends in inpatient pediatric trauma care in New England. *Journal of Trauma-Injury Infection & Critical Care* 2004;57(6):1241-1245.
- Mooney, DP, Downard C, Johnson S, Atkinson C, **Forbes P**, Taylor GT. Physiology after pediatric splenic injury. *Journal of Trauma-Injury Infection & Critical Care* 2005;58(1): 108-111.
- Hansen A, **Forbes P**, Buck R. Potential substitution of cord blood for infant blood in the neonatal sepsis evaluation. *Biology of the Neonate* 2005;88(1):12-18.
- Homer, CJ, **Forbes, P**, Horvitz L Peterson LE, Wypij D, Heinrich P. Impact of a quality improvement program on care and outcomes for children with asthma. *Archives of Pediatrics & Adolescent Medicine* 2005;159(5):464-469.
- Mrakotsky C, Bousvaros A, Chriki L, Kenney E, **Forbes P**, Szigethy E, Waber D, Grand R. Impact of acute steroid treatment on memory, executive function, and mood in pediatric inflammatory bowel disease. *J Pediatric Gastroenterology & Nutrition* 2005;41(4):540-541.
- Randolph AG, **Forbes PW**, Gedeit RG, Arnold JH, Wetzel R, Luckett PM, O'Neil ME, Venkataraman ST, Meert KL, Cheifetz IM, Cox PN, Hanson JH, for the Pediatric Acute Lung Injury & Sepsis Investigators (PALISI) Network. Cumulative fluid intake minus output is not associated with ventilator weaning duration or extubation outcomes in children. *Pediatric Critical Care Medicine* 2005;6(6):724.
- Roberson DW, Kentala E, **Forbes P**. Development and validation of an objective instrument to measure surgical. *Laryngoscope* 2005;115(12):2127-37.
- Mansbach JM, **Forbes P**, Peters C. Testicular torsion and risk factors for orchiectomy. *Arch Pediatr Adolesc Med* 2005;159(12):1167-71.
- Fine AM, **Forbes P**, Osganian S, Goldmann DA, Mandl KD. Feasibility of leveraging electronic data from pediatric hospitals for national surveillance: a survey of chief information officers. *AMIA Annu Symp Proc.* 2005;:954
- Porter SC, **Forbes P**, Feldman HA, Goldmann DA. Impact of patient-centered decision support on quality of asthma care in the emergency department. *Pediatrics* 2006; 117(1):e33-42.
- Waber DP, Gerber EB, Turcios VY, Wagner ER, **Forbes PW**. Executive functions and performance on high-stakes testing in children. *Dev Neuropsychol* 2006;29(3):459-77.
- Mooney DP, Rothstein DH, **Forbes PW**. Variation in the management of pediatric splenic injuries in the United States. *J Trauma* 2006;61(2):330-3; discussion 333.
- Fine AM, Goldmann DA, **Forbes PW**, Harris SK, Mandl KD. Incorporating vaccine-preventable disease surveillance into the National Health Information Network: leveraging children's hospitals. *Pediatrics* 2006;118(4):1431-8.

Berry JG, Lieu TA, **Forbes PW**, Goldmann DA. Hospital volumes for common pediatric specialty operations. *Arch Pediatr Adolesc Med* 2007 Jan; 161(1):38-43.

Mrakotsky C, Masek B, Biederman J, Raches D, Hsin O, **Forbes P**, de Moor C, Demaso DR, Gonzalez-Heydrich J. Prospective open-label pilot trial of mirtazapine in children and adolescents with social phobia. *J Anxiety Disord* 2007 Feb 3 (e-pub).

Waber DP, de Moor C, **Forbes PW**, Almlri CR, Botteron KN, Leonard G, Milovan D, Paus T, Rumsey J. The NIH MRI study of normal brain development: performance of a population based sample of healthy children aged 6 to 18 years on a neuropsychological battery. *J Int Neuropsychol Soc* 2007; 13(5):729-46.

C. Research Support.

Recently Completed: Last 3 Years

5 U01 CA81457 (Boyett/CHB: Poussaint) 04/01/04-03/31/09

NIH/NCI (St. Jude's Children's Research Hospital)

Pediatric Brain Tumor Consortium (PBTC)

The Neuroimaging Center that supports the PBTC develops and coordinate imaging protocols of PBTC trials, collect images, analyze data sets and establish a database of imaging results.

Role: Biostatistician

R01 HS014947 (Porter)

09/30/04-09/29/06

DHHS/AHRQ

ParentLink: Better and Safer Emergency Care for Children

The goal of this proposal would be to determine that implementation of a patient-centered health information technology – ParentLink can address system-level deficiencies and the unique “just-in-time” information needs of Emergency Department physicians and the parents of ill children. The proposed project would deliver an innovative product – an electronic interface linked to a pediatric knowledge base that integrates parent-derived data with best practices for safe and effective emergency care across five common pediatric disease conditions: occult bacteremia, otitis media, urinary tract infections, asthma, and head trauma.

Role: Statistician

(Mooney)

11/15/02-11/14/06

Robert Wood Johnson Foundation

Injury Free Coalition for Kids of Boston

The major goal of this project is reducing injuries in children and promoting safer communities. The intervention will include a home safety program, a community safety program, and a pedestrian safety program.

Role: Biostatistician