

Personal Identification Number (P.I.N.)

23007

### CV Module

**This page is for CIHR use only. It will not be included in the evaluation of your application for funding.**

<b>Family Name</b> Willan		<b>Given Name</b> Andrew		<b>Middle Initial(s)</b> R																
Have you previously applied to CIHR for funding? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Previous family name used _____ Previous given name used _____		<b>Title:</b> Dr. <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Prof. <input type="checkbox"/>																		
<b>Courier Address</b> (If different from mailing address) 401-123 Edward Street Toronto, Ontario CANADA (M5G 1E2)		<b>Temporary Address</b>   Start Date _____ End Date _____		<b>Primary Affiliation Name</b> The Hospital for Sick Children  Start Date 07/2002																
				<b>Primary Affiliation Address</b> Child Health Evaluative Sciences Research Institute Hospital for Sick Children 555 University Avenue Toronto, Ontario CANADA (M5G 1X8)																
<b>Contact numbers</b> <b>Phone</b> Primary (416) 813-2166  Secondary _____  Temporary _____  Start Date _____ End Date _____		<b>Fax</b> Primary _____  Temporary _____  Start Date _____ End Date _____		<b>Electronic Addresses</b>  <b>E-Mail</b> andy@andywillan.com  <b>Web page address</b> www.andywillan.com/willan																
<b>Citizenship</b> Canadian <input checked="" type="checkbox"/> Other <input type="checkbox"/> Other Country of Citizenship _____		<b>Permanent Residence in Canada</b> Permanent Resident <input type="checkbox"/> Date of permanent residency status _____ DD/MM/YYYY  Have you applied for permanent residency? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>																		
<b>Correspondence Language</b> English <input checked="" type="checkbox"/> French <input type="checkbox"/>		<table border="1"> <thead> <tr> <th>Language</th> <th>Read</th> <th>Write</th> <th>Speak</th> <th>Understand</th> </tr> </thead> <tbody> <tr> <td>English (Yes or No)</td> <td>YES</td> <td>YES</td> <td>YES</td> <td>YES</td> </tr> <tr> <td>French (Yes or No)</td> <td>NO</td> <td>NO</td> <td>NO</td> <td>NO</td> </tr> </tbody> </table>				Language	Read	Write	Speak	Understand	English (Yes or No)	YES	YES	YES	YES	French (Yes or No)	NO	NO	NO	NO
Language	Read	Write	Speak	Understand																
English (Yes or No)	YES	YES	YES	YES																
French (Yes or No)	NO	NO	NO	NO																
<b>Gender</b> Male <input checked="" type="checkbox"/> Female <input type="checkbox"/>		<b>Date of Birth (DD/MM/YYYY)</b> 11/05/1947		<b>Other Languages:</b> _____																

**Expertise**

List up to ten (10) key words that best describe your expertise in research, instruments and technique.

Biostatistics	
Clinical Trials	
Health Economic Analysis	
Crossover Designs	
Meta-analysis	

Indicate and rank the disciplines that best correspond to your research interests. No additional pages may be added.

Rank	Discipline		Sub Discipline	
	Code	Description	Code	Description
1.	105	STATISTICS AND PROBABILITY	133	Biostatistics
2.	31	EPIDEMIOLOGY	402	Clinical Trials/Clinical Trial Design
3.	31	EPIDEMIOLOGY	341	Health Economics
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				

**Academic Background - One additional page may be added**

Indicate all university degrees obtained and those in progress (where applicable) starting with the most recent. If you hold a co-degree from more than one institution (e.g. under the Soutien aux cotutelles de these de doctorat agreement between Quebec and France) enter each institution separately. Do not enter honorary degrees here, they should be listed in the Distinctions section.

Also indicate research training, such as postdoctoral or fellowship training. Trainees only: also list undergraduate and graduate research training experience.

<b>Degree Type</b>	<b>Degree Name and Specialty</b>	<b>Institution/Organization and Country</b>	<b>Supervisor name</b>	<b>Start date (MM/YYYY)</b>	<b>Date received or expected (MM/YYYY)</b>
Doctorate (PhD)	Doctor of Philosophy Biostatistics	University of Western Ontario CANADA	Dr. Allan Donner	09/1976	10/1979
Master's	Master of Science Statistics	Queen's University at Kingston CANADA	Dr. Donald Watts	09/1974	10/1976
Bachelor's	Bachelor of Education Education	Queen's University at Kingston CANADA	Unknown	09/1971	05/1972
Bachelor's	Bachelor of Arts Economics and Mathematics	York University CANADA	Unknown	09/1967	05/1970

**Work Experience**

Starting with the most recent, indicate your current position, where applicable, and other academic and non-academic position(s) since the beginning of your university studies. For your current positions leave the end date blank. Additional pages will be accepted.

<b>Position</b>	<b>Institution/Organization and Country</b>	<b>Department/Division and Faculty/School</b>	<b>Start Date (MM/YYYY)</b>	<b>End Date (MM/YYYY)</b>
Professor Emeritus	McMaster University CANADA	Clinical Epidemiology and Biostatistics Health Sciences	07/2002	
Senior Scientist	The Hospital for Sick Children CANADA	Child Health Evaluative Sciences Not applicable	07/2002	
Full Professor	University of Toronto CANADA	Public Health Sciences Medicine	02/2002	
Full Professor	McMaster University CANADA	Clinical Epidemiology and Biostatistics Health Sciences	07/1993	06/2002
Associate Professor	McMaster University CANADA	Clinical Epidemiology and Biostatistics Health Sciences	06/1990	06/1993
Associate Professor	University of Toronto CANADA	Preventive Medicine & Biostatistics Medicine	03/1989	11/1991
Department Chair/Head	Sunnybrook and Women's College Health Sciences Centre CANADA	Cancer Program/Clinical Trials & Epidemiology Not Applicable	01/1989	05/1990
Associate Professor	University of Guelph CANADA	Population Medicine Veterinary Science	09/1987	12/1988

**Distinctions / Awards / Credentials**

Starting with the most recent, indicate any recognitions received, including awards, fellowships, scholarships, licenses, qualifications, professional designation or credentials. Do not include Academic Appointments here, as they are detailed under Work Experience. Maximum 20 entries.

Name/Title and Type	Institution/Organization and Country	Effective Date (MM/YYYY)	End Date (MM/YYYY)	Specialty	Total Amount
Research Excellence Award Research award	International Society for Pharmacoeconomics and Outcomes Research UNITED STATES	05/2000			
PhD Student Fellowship Research award	NHRDP CANADA	09/1977			

**Patents and Intellectual Property Rights**

Record the total numbers of patents / copyrights in the following table.

OBTAINED			APPLICATIONS UNDER PROCESS			TOTAL PATENTS AND INTELLECTUAL PROPERTY RIGHTS
Total individual	Total collective	Sub-total	Total individual	Total collective	Sub-total	
0	0	0	0	0	0	0

**PUBLICATIONS AND PRESENTATIONS**

Give the number of publications and presentations in the course of your career. Detailed information should be attached as specified in the "Contributions - details" section.

Publications	Refereed Articles	Books and Monographs	Proceedings / Book Chapters / Contributions to a collective work	Abstracts / Notes	TOTALS
Already Published	221	1	4	0	226
Accepted or in the Press	0	0	0	0	0
					226

Invited presentations	54
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**LITERARY AND ARTISTIC WORKS**

Provide the number of literary and artistic works created in the course of your career. Detailed information should be attached as specified in the "Contributions - details" section.

IN CIRCULATION			IN PROGRESS			TOTAL LITERARY AND ARTISTIC WORKS
Total individual	Total collective	Sub-total	Total individual	Total collective	Sub-total	
0	0	0	0	0	0	0

**Supervisory Experience: To be completed by applicants requesting research trainees as part of their budget, salary support candidates and proposed supervisors of trainees.**

Indicate the number of graduate students and postdoctoral fellows that you currently supervise or co-supervise. CIHR defines supervisory experience as the formal supervision or co-supervision of trainees. Enter zero (0) if not applicable.

Master 0Doctoral 1Post-Doctoral 0

Complete this form by listing the trainees that you have supervised/co-supervised (and are currently supervising/co-supervising) within the last five (5) years. Additional pages may be added if necessary.

\* Flag those where you were/are the Primary Supervisor.

*	Name of Student	Program Type	Dates		Degree received or expected	Year Degree Rec'd (YYYY)	Research Project (Short title)	Current position and Institution
			Support Period From (MM/YY)	To (MM/YYYY)				
*	Maggie Chen	Graduate Student	09/2006		Doctorate (PhD)		The Value of Information and Clinical Research Designs	PhD Graduate Student, U. of Toronto
	Ahmed Hossain	Graduate Student	09/2004	04/2011	Doctorate (PhD)	2011	Microarray Analysis	Statistician, Apotex
	Luisine Abrahamyan	Graduate Student	09/2005	11/2010	Doctorate (PhD)	2010	Development of new clinical trial design for rare diseases	Researcher, ICES

**Funds REQUESTED**

List all sources of support applied for (including CIHR) as an applicant or as a co-applicant. Include the principal applicant's name, title of the proposal, funding source, program name, total amount requested (in Canadian dollars) and the period of the support. Indicate your role in the funding (principal applicant/project leader or co-applicant).

<b>Title of Proposal</b> Impact of Emergency Department Probiotic Treatment of Pediatric Gastroenteritis		
<b>Funding Source</b> National Institutes of Health (NIH) (USA)		<b>Program Name</b>
<b>Principal Applicant / Project Leader</b> Gorelick, Marc		<b>Your Role</b> Co-Applicant
<b>Total Amount (CAN\$)</b> \$2,200,000	<b>Support Period From (MM/YYYY)</b> 04/2011	<b>To (MM/YYYY)</b> 03/2014

  

<b>Title of Proposal</b>		
<b>Funding Source</b>		<b>Program Name</b>
<b>Principal Applicant / Project Leader</b>		<b>Your Role</b>
<b>Total Amount (CAN\$)</b>	<b>Support Period From (MM/YYYY)</b>	<b>To (MM/YYYY)</b>

  

<b>Title of Proposal</b>		
<b>Funding Source</b>		<b>Program Name</b>
<b>Principal Applicant / Project Leader</b>		<b>Your Role</b>
<b>Total Amount (CAN\$)</b>	<b>Support Period From (MM/YYYY)</b>	<b>To (MM/YYYY)</b>

  

<b>Title of Proposal</b>		
<b>Funding Source</b>		<b>Program Name</b>
<b>Principal Applicant / Project Leader</b>		<b>Your Role</b>
<b>Total Amount (CAN\$)</b>	<b>Support Period From (MM/YYYY)</b>	<b>To (MM/YYYY)</b>

**Funds CURRENTLY HELD**

List all sources of support currently held (including CIHR) as an applicant or as a co-applicant. Include the principal applicant's name, title of the proposal, funding source, program name, total amount awarded (in Canadian dollars) and the period of the support. Indicate your role in the funding (principal applicant/project leader or co-applicant).

<b>Title of Proposal</b> Sustainability of a multidimensional knowledge translation intervention to improve paediatric pain practices and outcomes		
<b>Funding Source</b> Canadian Institutes of Health Research (CIHR)	<b>Program Name</b> Operating Grant	
<b>Principal Applicant / Project Leader</b> STEVENS, Bonnie J	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$998,061	<b>Support Period From (MM/YYYY)</b> 04/2011	<b>To (MM/YYYY)</b> 03/2015
<b>Title of Proposal</b> Bedside Paediatric Early Warning System: a cluster RCT of mortality and processes of care		
<b>Funding Source</b> Canadian Institutes of Health Research (CIHR)	<b>Program Name</b> Clinical Trials	
<b>Principal Applicant / Project Leader</b> Parshuram, Christopher	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$3,300,000	<b>Support Period From (MM/YYYY)</b> 07/2010	<b>To (MM/YYYY)</b> 06/2014
<b>Title of Proposal</b> Expected Value of Information and Optimal Trial Design		
<b>Funding Source</b> Natural Sciences and Engineering Research Council of Canada (NSERC)	<b>Program Name</b> Discovery Grants Program - Individual	
<b>Principal Applicant / Project Leader</b>	<b>Your Role</b> Principal Applicant	
<b>Total Amount (CAN\$)</b> \$70,000	<b>Support Period From (MM/YYYY)</b> 04/2008	<b>To (MM/YYYY)</b> 03/2013
<b>Title of Proposal</b> Multiple Courses Of Antenatal Corticosteroids For Preterm Birth Study: 5 Year Follow-Up (MACS-5)		
<b>Funding Source</b> Canadian Institutes of Health Research (CIHR)	<b>Program Name</b> Clinical Trials	
<b>Principal Applicant / Project Leader</b> Asztalos, Elizabeth	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$3,585,161	<b>Support Period From (MM/YYYY)</b> 10/2005	<b>To (MM/YYYY)</b> 09/2012

**Funds CURRENTLY HELD**

List all sources of support currently held (including CIHR) as an applicant or as a co-applicant. Include the principal applicant's name, title of the proposal, funding source, program name, total amount awarded (in Canadian dollars) and the period of the support. Indicate your role in the funding (principal applicant/project leader or co-applicant).

<b>Title of Proposal</b> Translating Research on Pain in Children (TROPIC) Study		
<b>Funding Source</b> Canadian Institutes of Health Research (CIHR)	<b>Program Name</b> Operating Grant	
<b>Principal Applicant / Project Leader</b> Stevens, Bonnie	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$1,379,952	<b>Support Period From (MM/YYYY)</b> 04/2008	<b>To (MM/YYYY)</b> 03/2012

  

<b>Title of Proposal</b>		
<b>Funding Source</b>	<b>Program Name</b>	
<b>Principal Applicant / Project Leader</b>	<b>Your Role</b>	
<b>Total Amount (CAN\$)</b>	<b>Support Period From (MM/YYYY)</b>	<b>To (MM/YYYY)</b>

  

<b>Title of Proposal</b>		
<b>Funding Source</b>	<b>Program Name</b>	
<b>Principal Applicant / Project Leader</b>	<b>Your Role</b>	
<b>Total Amount (CAN\$)</b>	<b>Support Period From (MM/YYYY)</b>	<b>To (MM/YYYY)</b>

  

<b>Title of Proposal</b>		
<b>Funding Source</b>	<b>Program Name</b>	
<b>Principal Applicant / Project Leader</b>	<b>Your Role</b>	
<b>Total Amount (CAN\$)</b>	<b>Support Period From (MM/YYYY)</b>	<b>To (MM/YYYY)</b>

**Funds HELD IN THE LAST FIVE YEARS**

List all sources of support held in the last five years (including CIHR) as an applicant or as a co-applicant. Include the principal applicant's name, title of the proposal, funding source, program name, total amount awarded (in Canadian dollars) and the period of the support. Indicate your role in the funding (principal applicant/project leader or co-applicant).

<b>Title of Proposal</b> Impact of oximetry on disposition in acute bronchiolitis		
<b>Funding Source</b> Physicians Services Incorporated Foundation (The) (PSI)	<b>Program Name</b>	
<b>Principal Applicant / Project Leader</b> Schuh, Suzanne	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$163,000	<b>Support Period From (MM/YYYY)</b> 10/2008	<b>To (MM/YYYY)</b> 10/2011

  

<b>Title of Proposal</b> The Twin Birth Study		
<b>Funding Source</b> Canadian Institutes of Health Research (CIHR)	<b>Program Name</b> Clinical Trials	
<b>Principal Applicant / Project Leader</b> Barrett, Jon	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$8,608,045	<b>Support Period From (MM/YYYY)</b> 04/2003	<b>To (MM/YYYY)</b> 07/2011

  

<b>Title of Proposal</b> CIHR Team in Children's Pain		
<b>Funding Source</b> Canadian Institutes of Health Research (CIHR)	<b>Program Name</b> Team Grant	
<b>Principal Applicant / Project Leader</b> Stevens, Bonnie	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$4,054,611	<b>Support Period From (MM/YYYY)</b> 04/2006	<b>To (MM/YYYY)</b> 03/2011

  

<b>Title of Proposal</b> Infant and Maternal Factors Associated with Attendance at Neonatal Follow-up Programs		
<b>Funding Source</b> Canadian Institutes of Health Research (CIHR)	<b>Program Name</b>	
<b>Principal Applicant / Project Leader</b> Stevens, Bonnie	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$180,000	<b>Support Period From (MM/YYYY)</b> 07/2007	<b>To (MM/YYYY)</b> 06/2010

**Funds HELD IN THE LAST FIVE YEARS**

List all sources of support held in the last five years (including CIHR) as an applicant or as a co-applicant. Include the principal applicant's name, title of the proposal, funding source, program name, total amount awarded (in Canadian dollars) and the period of the support. Indicate your role in the funding (principal applicant/project leader or co-applicant).

<b>Title of Proposal</b> The Tips for Infant and Parental Sleep (TIPS) Trial		
<b>Funding Source</b> Canadian Institutes of Health Research (CIHR)	<b>Program Name</b> Clinical Trials	
<b>Principal Applicant / Project Leader</b> Stremler, Robyn	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$405,344	<b>Support Period From (MM/YYYY)</b> 10/2007	<b>To (MM/YYYY)</b> 06/2009

<b>Title of Proposal</b> Functional outcomes following orthopaedic surgery based on gait laboratory versus observational gait analysis in ambulatory children with cerebral palsy: A pilot randomized controlled trial		
<b>Funding Source</b> Bloorview Research Institute (ON)	<b>Program Name</b> Seed Program	
<b>Principal Applicant / Project Leader</b> Narayana, Unni	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$25,015	<b>Support Period From (MM/YYYY)</b> 07/2007	<b>To (MM/YYYY)</b> 06/2008

<b>Title of Proposal</b> Development of statistical methodology in cost-effectiveness analysis		
<b>Funding Source</b> Natural Sciences and Engineering Research Council of Canada (NSERC)	<b>Program Name</b> Discovery Grant (RGPIN)	
<b>Principal Applicant / Project Leader</b> Willan, Andrew	<b>Your Role</b> Principal Applicant	
<b>Total Amount (CAN\$)</b> \$44,000	<b>Support Period From (MM/YYYY)</b> 04/2003	<b>To (MM/YYYY)</b> 03/2008

<b>Title of Proposal</b> Emergency Department Rapid Intravenous Rehydration for Pediatric Gastroenteritis: A Randomized Controlled Trial		
<b>Funding Source</b> Physicians Services Incorporated Foundation (The) (PSI)	<b>Program Name</b> General Awards	
<b>Principal Applicant / Project Leader</b> Freedman, Stephen	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$156,000	<b>Support Period From (MM/YYYY)</b> 05/2006	<b>To (MM/YYYY)</b> 12/2007

**Funds HELD IN THE LAST FIVE YEARS**

List all sources of support held in the last five years (including CIHR) as an applicant or as a co-applicant. Include the principal applicant's name, title of the proposal, funding source, program name, total amount awarded (in Canadian dollars) and the period of the support. Indicate your role in the funding (principal applicant/project leader or co-applicant).

<b>Title of Proposal</b> Early External Cephalic Version 2 Trial		
<b>Funding Source</b> Canadian Institutes of Health Research (CIHR)	<b>Program Name</b> Clinical Trials	
<b>Principal Applicant / Project Leader</b> Hutton, Eileen	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$2,853,717	<b>Support Period From (MM/YYYY)</b> 10/2003	<b>To (MM/YYYY)</b> 12/2007

<b>Title of Proposal</b> Functional outcomes following orthopaedic surgery based on gait laboratory versus observational gait analysis in ambulatory children with cerebral palsy: A randomized controlled trial		
<b>Funding Source</b> Pediatric Orthopaedic Society of North America (POSNA)	<b>Program Name</b>	
<b>Principal Applicant / Project Leader</b> Narayana, Unni	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$29,821	<b>Support Period From (MM/YYYY)</b> 07/2006	<b>To (MM/YYYY)</b> 06/2007

<b>Title of Proposal</b> SELAN (Structured Early Labour Assessment and Care)		
<b>Funding Source</b> Canadian Institutes of Health Research (CIHR)	<b>Program Name</b> Clinical Trials	
<b>Principal Applicant / Project Leader</b> Hodnett, Ellen	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$665,668	<b>Support Period From (MM/YYYY)</b> 07/2003	<b>To (MM/YYYY)</b> 06/2007

<b>Title of Proposal</b> A Conceptual Framework for Outcome Measurement in children, Consequencies for Health Economic Evaluation and Decision Making		
<b>Funding Source</b> Canadian Institutes of Health Research (CIHR)	<b>Program Name</b> Advancing Theories, Frameworks, Methods and Measurement	
<b>Principal Applicant / Project Leader</b> Ungar, Wendy	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$224,726	<b>Support Period From (MM/YYYY)</b> 01/2004	<b>To (MM/YYYY)</b> 12/2006

**Funds HELD IN THE LAST FIVE YEARS**

List all sources of support held in the last five years (including CIHR) as an applicant or as a co-applicant. Include the principal applicant's name, title of the proposal, funding source, program name, total amount awarded (in Canadian dollars) and the period of the support. Indicate your role in the funding (principal applicant/project leader or co-applicant).

<b>Title of Proposal</b> Multiple vs Single Courses of Antenatal Corticosteroids for Preterm Birth		
<b>Funding Source</b> Canadian Institutes of Health Research (CIHR)	<b>Program Name</b> Clinical Trials	
<b>Principal Applicant / Project Leader</b> Murphy, Kellie	<b>Your Role</b> Co-Applicant	
<b>Total Amount (CAN\$)</b> \$3,428,405	<b>Support Period From (MM/YYYY)</b> 01/2000	<b>To (MM/YYYY)</b> 12/2006

  

<b>Title of Proposal</b>		
<b>Funding Source</b>	<b>Program Name</b>	
<b>Principal Applicant / Project Leader</b>	<b>Your Role</b>	
<b>Total Amount (CAN\$)</b>	<b>Support Period From (MM/YYYY)</b>	<b>To (MM/YYYY)</b>

  

<b>Title of Proposal</b>		
<b>Funding Source</b>	<b>Program Name</b>	
<b>Principal Applicant / Project Leader</b>	<b>Your Role</b>	
<b>Total Amount (CAN\$)</b>	<b>Support Period From (MM/YYYY)</b>	<b>To (MM/YYYY)</b>

  

<b>Title of Proposal</b>		
<b>Funding Source</b>	<b>Program Name</b>	
<b>Principal Applicant / Project Leader</b>	<b>Your Role</b>	
<b>Total Amount (CAN\$)</b>	<b>Support Period From (MM/YYYY)</b>	<b>To (MM/YYYY)</b>

## MOST SIGNIFICANT CONTRIBUTIONS

**A.** I have 225 life-time publications with an H-factor of 47 (*i.e.* 47 of those publications have been cited at least 47 times).

**B.** I have thirty-five publications in the area of statistical analysis of cost-effectiveness data the expected value of information methods (four of which have been awarded major international research prizes). As a result of providing leadership in the area, I have been an invited speaker on numerous occasions for the Drug Information Association, the American Public Health Association, University of Oxford, London School of Hygiene and Tropical Medicine, University of Cambridge, University of York, University of Sydney, the Joint Statistics Meetings and the Biometrics Society. In addition, I have participated in workshops sponsored by the University of Oxford, University of Sydney Flinders University, University of York, McMaster University and the University of Aberdeen. I am consulted frequently by researchers throughout the world regarding the analysis of cost-effectiveness data and the use of value of information methods for the analysis and design of clinical research studies.

**C.** I have four publications in the area of statistical design and analysis of crossover trials. The articles are cited routinely in text books, other methods articles and in the reports of the results of crossover trials. I am often consulted with regard to these methods.

**D.** I have ten publications resulting from my collaborations with the Osteoporosis Methodology Group for which I developed innovative approaches for performing meta-analysis in multi-dose trials. The evidence in the manuscripts represent the state-of-the-art in this field and will provide the evidence for proper standard of practice.

**E.** I have twenty-nine publications which are the results of several years of collaboration in obstetrics and infant and child care at the University of Toronto. They represents the results of CIHR funded randomize clinical trials in obstetrics. One demonstrated the clear superiority of caesarean section over planned vaginal birth for breech presentation. The results of this trial have changed patient care on an international scale as caesarean section has become standard practice.

## ACTIVITIES / CONTRIBUTIONS

### Grant Committees

- CHIR, Clinical Trials Panel 2001-2006
- NCIC, Panel I (Clinical Trials) 1998-2002
- CHIR, University-Industry Clinical Trials Panel, 1994-2001
- Canadian HIV Trials Network Scientific Panel, 1992-1997

### External Grant Reviews

- Canadian Institutes of Health Research
- British Columbia Research Institute
- National Cancer Institute of Canada
- Ontario Ministry of Health
- Canadian HIV Trials Network
- Clinical Trials Program, German Federal Ministry for Research and Education
- National Science and Engineering Research Council
- National Science Foundation, USA
- Economic and Social Research Council, UK

### Journal Referee

- Technometrics
- Canadian Journal of Statistics
- Journal of Chronic Diseases
- American Statistician
- Controlled Clinical Trials
- Biometrics
- BioMed Central
- Circulation
- Clinical Trials
- Cost Effectiveness and Resource Allocation
- Health Policy
- Health Economics
- Health Policy and Planning
- Journal of Health Economics
- Journal of the Royal Statistical Society, Series A
- Medical Decision Making
- Pharmcoeconomics
- Public Library of Science
- Scandinavian Journal of Statistics
- Statistica Sinica
- Statistics in Medicine
- Teaching and Learning in Medicine
- Value in Health

PUBLICATIONS (2006-2011)

1. McCarter H, Furlong W, Whitton AC, Feeny D, DePauw S, **Willan AR**, Barr RD. Health status measurements at diagnosis as predictors of survival among adults with brain tumors. *Journal of Clinical Oncology* 2006; **22**: 3636-3643.
2. **Willan AR**, Goeree, R, Pinto EM, McBurney C, Blackhouse G. Economic Evaluation of Rivastigmine in Patients with Parkinson's Disease Dementia. *Pharmacoeconomics* 2006; **24**: 93-106.
3. Palencia R, Gafni A, Hannah ME, Ross S, **Willan AR et al.** The costs of planned caesarean versus planned vaginal birth in the Term Breech Trial. *CMAJ* 2006; **174**: 1109-1113.
4. **Willan AR**, Briggs AH. *The Statistical Analysis of Cost-effectiveness Data*. Chichester UK: Wiley 2006.
5. Sofronas M, Ichord RN, Fullerton HJ, Lynch JK, Massicotte MP, **Willan AR**, deVeber G. Pediatric stroke initiatives and preliminary studies: what is known and what is needed? *Pediatric Neurology* 2006; **34**: 439-445.
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