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| CURRICULUM VITAE (OCGS format) |
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PERSONAL INFORMATION:

EMPLOYEE NO:

Nicholas John Birkett
Associate Professor, tenured.
Member of Faculty of Graduate and Post-doctoral Studies
Date of Birth: Sept 14, 1951.
Place of Birth: Manchester, England
SIN: 441 612 298
Nationality: Canadian

74056

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University of Ottawa,
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DEGREES HELD:

M.Sc. (1978) Clinical Epidemiology and Biostatistics
McMaster University, Hamilton, Ontario.
M.D. (1974) Medical Sciences
McMaster University, Hamilton, Ontario.
B.Math (hons) (1971) Mathematics (Combinatorics and Optimization)
University of Waterloo, Waterloo, Ontario.

ACADEMIC UP-GRADING COURSES:

2008 – 2009 MSc in Educational Leadership, Distance Education. University of Leicester, England (withdrew).
2001-2 Courses in Molecular Biology at the University of Toronto: MGB 430 (Laboratory in Molecular Genetics), MGB 425H (Signal Transduction and Cell Cycle Regulation) and a graduate MGB course (Genetics of Cancer and Signal Transduction).
2001 Genetic Linkage Analysis II: Sib-pair analysis. 5 day course offered at the Erasmus Summer School. The primary professor was Dr. D. Clayton.
2000 Third International Course on Molecular Epidemiology, IARC, Lyon, France. (Dec. 4-9, 2000).

- 2000 Advanced Statistical Models in Epidemiology. 5 day course offered at the Erasmus Summer School. The professors were Dr. D. Clayton and Dr. M. Hills
- 1996 Advanced Molecular Biology. University of North Carolina. Non-laboratory course covering topics such as DNA replication and repair, apoptosis, mechanisms of germ-line mutations.
- 1994 Completed three graduate-level courses on statistical methods (Lifetable and Event History Analysis, Statistical Inference, Dynamical Systems). University of Waterloo.

PROFESSIONAL CERTIFICATION:

Medical License General medical license (#28845)
College of Physicians and Surgeons of Ontario.

EMPLOYMENT HISTORY:

- 2007 - present Associate Director, Epidemiology, McLaughlin Centre for Population Health Risk Assessment, University of Ottawa, Ottawa, Ontario, Canada.
- 2002 - present Scientist, Institute of Population Health, University of Ottawa, Ottawa, Ontario, Canada.
- 1988 - present Associate Professor, Department of Epidemiology and Community Medicine, University of Ottawa, Ottawa, Ontario, Canada.
- 1987 - 1988 Assistant Professor, Department of Anaesthesia and Department of Preventive Medicine and Biostatistics, University of Toronto, Toronto, Ontario, Canada.
- 1981 - 1987 Assistant Professor, Department of Clinical Epidemiology and Biostatistics, Faculty of Health Sciences, McMaster University, Hamilton, Ontario, Canada.
- 1981 - 1996 Honorary Lecturer, Department of Epidemiology and Biostatistics, Faculty of Medicine, University of Western Ontario, London, Ontario, Canada.
- 1980 - 1981 Associate member, Department of Clinical Epidemiology and Biostatistics, Faculty of Health Sciences, McMaster University, Hamilton, Ontario, Canada.
- 1978 - 1981 Assistant Professor, Department of Epidemiology and Biostatistics and Department of Medicine, Faculty of Medicine, University of Western Ontario, London, Ontario, Canada.

HONOURS AND AWARDS:

- 2002 Short Term Exchange Grant, Institute of Genetics, CIHR (\$9,500 for three months to study the genetic epidemiology of cancer).
- 2001-2002 Visiting Professor, Department of Public Health Sciences, University of Toronto.
- 2001 - 2002 Visiting fellow in laboratory of Dr. Steven Gallinger, Samuel Lunenfeld Research Institute, Toronto, Ontario.

- 1996 Visiting Scholar, Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill, North Carolina, USA (October to December, 1996).
- 1994 Visiting Associate Professor, Department of Statistics and Actuarial Sciences, University of Waterloo, Waterloo, Ontario, Canada.
- 1985 Visiting Professor, Fourah Bay College, University of Sierra Leone, Freetown, Sierra Leone. I spent three weeks in the Department of Community Health teaching an introduction to Biostatistics and Epidemiology and providing design assistance. Sponsored by World University Services of Canada.
- 1981 - 1985 National Health Research Scholar, Health and Welfare Canada.
- 1978 - 1981 Health Research Scientist Award, Ontario Provincial Lottery Fund.
- 1976 - 1978 National Health Fellowship, Health and Welfare Canada.
- 1968 - 1971 Rene Descartes Fellowship, University of Waterloo, Waterloo, Ontario, Canada.

SCHOLARLY AND PROFESSIONAL ACTIVITIES (SINCE 2001):

- 2010 Chair, CSR-GRePAC Review Panel. Cancer Research Society and FRSQ.
- 2008 - 2009 Chair, Scientific Programme Committee, 2009 joint meeting of the Canadian Society for Epidemiology and Biostatistics and the Association of Public Health Epidemiologists of Ontario.
- 2000 - 2006 Member, Executive committee, Canadian Cancer Etiology Research Network (CCERN).

GRADUATE STUDENT SUPERVISIONS:

- Career Number: 34 M.Sc. (Epid), 2 PhD (Epid), 1 Post-Doc (Epid)
- Completed: 33 M.Sc. (Epid), 1 PhD (Epid), 1 Post-Doc (Epid)
- In progress: 1 M.Sc. (Epid), 1 PhD (CMM)

Names of Students Currently Supervised:

- Ms. Sophie Hamel *Pharmacovigilance: Adjuvant Endocrine Therapy and Cardiovascular Events in Post-Menopausal Women with Cancer.* April, 2010 – (member of supervisory committee, PhD in CMM)
- Ms Jessica Evans *An estimation of the global burden of disease (GBD) due to particulate air pollution.* September, 2008 – (Co-supervisor)

Names of Students Supervised since 2002 who Have Completed Their Programme:

- Ms. Andrea Chambers *The application of categorical regression modeling to characterize the dose-response relationship of copper toxicity and deficiency.* June, 2008 – August, 2009(co-supervisor).
- Dr. V. Tait (M.Sc), *Iron intake, HFE-gene polymorphisms and the risk of cancer of the gastro-intestinal tract.* May, 2006 - March, 2009 (Supervisor)

- Ms. N. Boom (M.Sc), *Aluminium in drinking water and risk of dementia*. August 2005 – February 2008 (Co-Supervisor)
- Ms. K. Hutchings (M.Sc), *Glutathione S-Transferase Polymorphisms and Colorectal Cancer: A Huge Review Update*. January, 2006-November, 2007 (Co-Supervisor)
- Ms. R. Hakami (PhD) *Association between dietary pattern, carcinogenic PAHs and fumonisin B intake via staple food and esophageal cancer in Iran*. University of Medical Science, Tabriz, Iran. June, 2006 – 2007 (local co-supervisor)
- Mr. N. Yenugadhati (M.Sc), *Occupational risk factors for lung cancer*, May, 2004 - April, 2007 (Supervisor)
- Ms. Ling Huang (M.Sc), *The Influence of Maternal Age on Stillbirth Rates*, August 2003 - October, 2006 (Co-Supervisor)
- Ms. K. Murphy (M.Sc.) *Physical Activity in teens: a cohort study*. August 2003 - May, 2006 (Supervisor). Thesis won price for ‘best poster’ at department research day and was presented at a CIHR sponsored National Student Research event.
- Ms. C. Bennett (M.Sc), *Obesity and Physical Activity in the Canadian Military*, August 2003 – August, 2005 (Supervisor)
- Mr. A. Tsertevrdze (M.Sc.), *Physical Activity and BMI as Risk Factors for Bladder Cancer*. December 2002 - June, 2004 (Co-supervisor)
- Ms. K. Johns (M.Sc), *Electromagnetic Field Exposure and Risk of Non-Hodgkin= Lymphoma*, June 2000 - August, 2003 (Supervisor)
- Ms. S. Dahrouge (M.Sc), *A Prediction Model for Recurrence in Prostate Cancer Following Radiotherapy Which Considered Microvessel Density, MIB-1, P-53, Bcl2 and bax*. October 2000 – April, 2002(Co-supervisor)
- Mr. M. Garner (M.Sc.), *Analysis of dietary risk factors for testicular cancer in the Enhanced Cancer Surveillance Database*. March 2000 - January 2003 (Supervisor)
- Mr. M. Do (M.Sc.), *Chlorination By-products in Drinking Water and Risk of Pancreatic Cancer.*, March 2000 - October 2002 (Supervisor)

TEACHING

Graduate Courses Taught (Since 2002):

- 2010 Epi5344 – Survival Analysis in Epidemiology, Department of Epidemiology and Community Medicine, University of Ottawa.
- 2009 Epidemiology I (Epi5240) - Introductory Epidemiology, Department of Epidemiology and Community Medicine, University of Ottawa.
- 2009 Epi5344 – Survival Analysis in Epidemiology, Department of Epidemiology and Community Medicine, University of Ottawa.
- 2008 Epidemiology I (Epi5240) - Introductory Epidemiology, Department of Epidemiology and Community Medicine, University of Ottawa. Co-taught with Dr. Little.
- 2008 Quantitative Methods (Epi 6275) - Advanced Statistical Methods for Epidemiology, Department of Epidemiology and Community Medicine, University of Ottawa.
- 2007 Quantitative Methods (Epi 6275) - Advanced Statistical Methods for Epidemiology, Department of Epidemiology and Community Medicine, University of Ottawa.

- 2005 Epidemiology I (Epi5240) - Introductory Epidemiology, Department of Epidemiology and Community Medicine, University of Ottawa.
- 2005 Topics in Epidemiology: Molecular Epidemiology (Epi5244), Department of Epidemiology and Community Medicine, University of Ottawa.
- 2004 Epidemiology I (Epi5240) - Introductory Epidemiology, Department of Epidemiology and Community Medicine, University of Ottawa.
- 2004 Quantitative Methods (Epi 6275) - Advanced Statistical Methods for Epidemiology, Department of Epidemiology and Community Medicine, University of Ottawa.
- 2003 Epidemiology I (Epi5240) - Introductory Epidemiology, Department of Epidemiology and Community Medicine, University of Ottawa.
- 2003 Quantitative Methods (Epi 6275) - Advanced Statistical Methods for Epidemiology, Department of Epidemiology and Community Medicine, University of Ottawa.
- 2002 Epidemiology I (Epi5240) - Introductory Epidemiology, Department of Epidemiology and Community Medicine, University of Ottawa.

Under-Graduate and post-graduate courses taught (Since 2002):

- 2009 Introductory Epidemiology. A series of five 3 hour lectures given to the CADTH.
- 2005-present Introductory Epidemiology. An intensive one week summer course. Department of Epidemiology and Community Medicine, University of Ottawa.
- 2003-present 'Back to Basics': Lectures to medical students on Epidemiology and Public Health as part the LMCC review course (9 hours of lectures)
- 2002-present Seminars to residents in radiation oncology and emergency medicine on basic principles of epidemiology and biostatistics.
- 1997-present Tutor for seminar groups with medical students covering topics in diagnostic tests, causation, treatment evaluation, screening, communicable disease control, immunization and related areas.

RESEARCH FUNDING (SINCE 2002)

EXTERNAL RESEARCH FUNDING:

Notes: 1) Percentage after my name indicates my contribution to the project.

2) An '*' indicates a grant which is currently active.

3) An '¶' indicates a grant which is still under review.

- 2009 Birkett NJ (40%), Gomes J, Bienefeld. Pharmacovigilance: Surveillance and Tracking of Post-market Pharmaceuticals. (MITACS Networking and Training Proposal: Application for Graduate Training Initiative, conference funding request, \$15,000).
- 2009 Bienefeld M, Birkett NJ (10%), Gomes J. 2009 Conference of the Canadian Society for Epidemiology and Biostatistics and the Association of Public Health Epidemiologists of Ontario. (CIHR, \$25,000)
- 2008-2010 Leonard L, Millson M, Loutfy M, Amaratunga C, Remis R, Sutdhibhaslip N, Tharao W, Rowe J, Birkett NJ (2%),. The Ontario Women's Study. What Women Have to Say about HIV Prevention: Implications for Policy and Program development. (Ontario HIV Treatment Network, \$280,000).

- 2007-2009 Malone S, Birkett NJ (40%). Clinical Outcome Assessment Companion Study in Prostate Cancer. (The Ottawa Regional Cancer Foundation, \$40,000.).
- 2005-2007 Little J, McLaughlin J, Khoury M, Yang Q, Wilson B, Birkett NJ (5%). Pilot assessment of germline genomic profiling as adjunct to other methods of population-based screening for colorectal cancer. (CIHR, \$100,000.).
- 2005-2007 Plotnikoff RC, Birkett NJ(5%), Courneya K, Johnson JA, Raine K, Sigal R, Lau DCW. The Development and Evaluation of Physical Activity (and Nutrition) Behavioural Strategies for Adults with Type 2 Diabetes: A Population-based Approach (CIHR, \$500,000).
- 2005-2007 Birkett NJ(50%), Malone S, Robertson S, Gomes J, Fleshner N, Morash C, Little J. Dietary Heterocyclic Amines and Polymorphisms in the Risk of Prostate Cancer. (Congressionally Mandated Medical Research Programme, IDEAS prostate competition, \$513,638 US).
- 2003-2005 Plotnikoff R, Birkett NJ(5%) and others. An Examination of Physical Behaviour and its Determinants and Health Care Status and Health Care Delivery: A Three-time, Eighteen Month Population-based Cohort Study of Adults with Diabetes. (Canadian Diabetes Association, \$98,865).
- 2003-2004 Birkett NJ (100%). Analysis of the Gulf War Veterans Cohort. (Statistics Canada, \$23,500)
- 2003-2005 Leonard L, Remis R, Birkett NJ (5%) and others. Risk Factors and Risk Conditions Associated with Hepatitis C Virus (HCV) Incidence and Prevalence among Injection Drug Users: Directions for Prevention. (Hepatitis C Prevention, Care and Support Strategic Initiative, Canadian Institutes of Health Research, \$290,000)
- 2002-2005 Birkett NJ (60%), Hollowaty E, Krieger N, Robertson S, Gallinger S. Gene-environment Interactions in the Etiology of Renal Cell Carcinoma. (CCERN, \$26,500).
- 2002 Birkett NJ (100%). Short Term Exchange Grant to study Microsatellite Instability in Adenocarcinoma of the Esophagus. (Institute of Genetics, CIHR, \$9,500).
- 2001-2004 Leonard L, Remin RS, Birkett NJ(5%), Kristiansen C, Dorschner D. Study of the Social Experience of HIV Risk-Related Behaviours and the Impact of HIV Risk Conditions Among Injection Drug Users in Ottawa-Carleton: Implications for HIV Prevention. (CANFAR: \$160,000)
- 2001-2003 Plotnikoff R, Birkett NJ(5%) and others. Exercise Behaviour of Community Adults with Type 1 and Type 2 Diabetes: The Determinants of Exercise Behaviour Change. (Alberta Medical Heritage Foundation, \$94,000).
- 2001-2003 Plotnikoff R, Birkett NJ(5%) and others. Exercise Behaviour of Community Adults with Type 1 and Type 2 Diabetes: The Determinants of Exercise Behaviour Change. (Canadian Diabetes Association, \$60,000).
- 2000-2003 Plotnikoff R, Birkett NJ (5%), Courneya K, Marcus B, Spence J. A Randomized Controlled Trial of Worksite Physical Activity Interventions in Alberta. (CIHR, \$255,000)
- 2000 - 2006 McKeown-Eyssen G (PI), Birkett NJ and others. The Canadian Cancer Etiology Research Network. \$1,500,000 (Five year programme grant, the National Cancer Institute of Canada).

1999 - 2002 Birkett NJ (40%), Maziak D, Casson A, Labuda D, Sinnett D, Darling G, Incullet R, Guindi M, McKeown-Eyssen G. Nutritional Factors and Gene-Environment Interactions in the Etiology of Adenocarcinoma of the Esophagus and Cardia. (Cancer Research Society, \$100,000 per year).

INTERNAL RESEARCH FUNDING (SINCE 2001)

NONE

PUBLICATIONS:

Life-time summary:

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| Papers in <u>refereed</u> journals | 65 |
| Papers under review | 0 |
| Papers in refereed conference proceedings | 14 |
| Technical Reports | 21 |
| Papers read | 111 |
| Others | 20 |

PAPERS IN REFEREED JOURNALS (SINCE 2002):

1. Plotnikoff RC, Lippke S, Trinh L, Courneya KS, Birkett NJ (5%), Sigal RJ. Protection Motivation Theory and the Prediction of Physical Activity among Adults with Type 1 or Type 2 Diabetes in a Large Population Sample. *British Journal of Health Psychology*, 2010;15:643-661
2. Plotnikoff RC, Courneya K, Sigal RJ, Johnson JA, Birkett NJ, Lau D, Raine K, Johnson ST, Karunamuni N. Alberta Diabetes and Physical Activity Trial (ADAPT): A randomized theory-based efficacy trial for adults with type 2 diabetes - rationale, design, recruitment, evaluation, and dissemination. *Trials*, 2010;11(4). (On-line publication URL: <http://www.trialsjournal.com/content/11/1/4>) Doi:10.1186/1745-6215-11-4.
3. Plotnikoff RC, Lippke S, Courneya KS, Birkett NJ (5%), Sigal RJ. Physical activity and diabetes: An application of the Theory of Planned Behavior to explain physical activity among type 1 and type 2 diabetes in an adult population sample. *Psychology and Health*, 2010;25(1):7-23.
4. Plotnikoff RC, Hotz SB, Johnson ST, Hansen JS, Birkett NJ (10%),. Applying the stages of change to multiple low-fat dietary behavioural contexts: An examination of stage occupation and discontinuity. *Appetite*, 2009;53:345-353
5. Yenugadhati N, Birkett NJ (supervisor of thesis), Momoli F, Krewski D. Occupations and Lung Cancer: A Population Based Case-Control Study in British Columbia. *Journal of Toxicology and Health Part A*. 2009;72:658-675.
6. Yenugadhati N, Birkett NJ (supervisor of thesis), Momoli F, Krewski D. Industries and Lung Cancer: A Population Based Case-Control Study in British Columbia. *Toxicological and Environmental Chemistry*. 2009;91:451-484.
7. Little J, Higgins JPT, Ioannidis JPA, Moher D, Gagnon F, von Elm E, Khoury MJ, Cohen B, Davey-Smith G, Grimshaw J, Scheet P, Gwinn M, Williamson RE, Zou GY, Hutchings K, Johnson CY, Tait V, Wiens M, Golding J, van Duijn C, McLaughlin J, Paterson A, Wells G, Fortier I, Freedman M, Zecevic M, King R, Infante-Rivard C, Stewart A, Birkett NJ. STrengthening the REporting of Genetic Association Studies (STREGA) - An Extension of the STROBE Statement. (to appear: *Genetic Epidemiology*)

8. Little J, Higgins JPT, Ioannidis JPA, Moher D, Gagnon F, von Elm E, Khoury MJ, Cohen B, Davey-Smith G, Grimshaw J, Scheet P, Gwinn M, Williamson RE, Zou GY, Hutchings K, Johnson CY, Tait V, Wiens M, Golding J, van Duijn C, McLaughlin J, Paterson A, Wells G, Fortier I, Freedman M, Zecevic M, King R, Infante-Rivard C, Stewart A, Birkett NJ. STrengthening the REporting of Genetic Association Studies (STREGA) - An Extension of the STROBE Statement. (to appear: European Journal of Clinical Investigation)
9. Plotnikoff RC, Hotz SB, Johnson ST, Hansen JS, Birkett NJ (10%), Leonard LE, Flaman LM. Readiness to Shop for Low-Fat Foods: A Population Study. *Journal of the American Dietetic Association*. 2009;109:1392-1397.
10. Little J, Higgins JPT, Ioannidis JPA, Moher D, Gagnon F, von Elm E, Khoury MJ, Cohen B, Davey-Smith G, Grimshaw J, Scheet P, Gwinn M, Williamson RE, Zou GY, Hutchings K, Johnson CY, Tait V, Wiens M, Golding J, van Duijn C, McLaughlin J, Paterson A, Wells G, Fortier I, Freedman M, Zecevic M, King R, Infante-Rivard C, Stewart A, Birkett NJ. STrengthening the REporting of Genetic Association Studies (STREGA) - An Extension of the STROBE Statement. *PLoS Med* 6(2): e1000022. doi:10.1371/journal.pmed.1000022
11. Little J, Higgins JPT, Ioannidis JPA, Moher D, Gagnon F, von Elm E, Khoury MJ, Cohen B, Davey-Smith G, Grimshaw J, Scheet P, Gwinn M, Williamson RE, Zou GY, Hutchings K, Johnson CY, Tait V, Wiens M, Golding J, van Duijn C, McLaughlin J, Paterson A, Wells G, Fortier I, Freedman M, Zecevic M, King R, Infante-Rivard C, Stewart A, Birkett NJ. STrengthening the REporting of Genetic Association Studies (STREGA) - An Extension of the STROBE Statement. *European Journal of Epidemiology*. 2009; 24(1), 37-55.
12. Little J, Higgins JPT, Ioannidis JPA, Moher D, Gagnon F, von Elm E, Khoury MJ, Cohen B, Davey-Smith G, Grimshaw J, Scheet P, Gwinn M, Williamson RE, Zou GY, Hutchings K, Johnson CY, Tait V, Wiens M, Golding J, van Duijn C, McLaughlin J, Paterson A, Wells G, Fortier I, Freedman M, Zecevic M, King R, Infante-Rivard C, Stewart A, Birkett NJ. Strengthening the reporting of genetic association studies (STREGA)—an extension of the strengthening the reporting of observational studies in epidemiology (STROBE) statement. *Journal of Clinical Epidemiology*. 17 February 2009 (10.1016/j.jclinepi.2008.12.004).
13. Little J, Higgins JPT, Ioannidis JPA, Moher D, Gagnon F, von Elm E, Khoury MJ, Cohen B, Davey-Smith G, Grimshaw J, Scheet P, Gwinn M, Williamson RE, Zou GY, Hutchings K, Johnson CY, Tait V, Wiens M, Golding J, van Duijn C, McLaughlin J, Paterson A, Wells G, Fortier I, Freedman M, Zecevic M, King R, Infante-Rivard C, Stewart A, Birkett NJ. STrengthening the REporting of Genetic Association Studies (STREGA) - An Extension of the STROBE Statement. *Human Genetics*. 2009; 125(2), 131-151.
14. Little J, Higgins JPT, Ioannidis JPA, Moher D, Gagnon F, von Elm E, Khoury MJ, Cohen B, Davey-Smith G, Grimshaw J, Scheet P, Gwinn M, Williamson RE, Zou GY, Hutchings K, Johnson CY, Tait V, Wiens M, Golding J, van Duijn C, McLaughlin J, Paterson A, Wells G, Fortier I, Freedman M, Zecevic M, King R, Infante-Rivard C, Stewart A, Birkett NJ. STrengthening the REporting of Genetic Association Studies (STREGA) - An Extension of the STROBE Statement. *Annals of Internal Medicine*. 2009; 150(3), 206-215.
15. Plotnikoff RC, Lippke S, Courneya KS, Birkett NJ (5%), Sigal RJ. Physical Activity and Diabetes: An Application of the Theory of Planned Behaviour to Explain Physical Activity for Type 1 or Type 2 Diabetes in an Adult Population Sample. *Psychology and Health*. 2008 (URL: <http://dx.doi.org/10.1080/08870440802160984>).

16. Plotnikoff RC, Lippke S, Courneya KS, Birkett NJ (5%), Sigal RJ. Physical Activity and Social-Cognitive Theory: A Test in a Population Sample of Adults with Type 1 or Type 2 Diabetes. *Applied Psychology: An International Review*. 2008;57(4), 628-643
17. Leonard L, DeRubeis E, Pelude L, Medd E, Birkett N (5%), Seto J. I Inject Less as I have Easier Access to Pipes. *International Journal of Drug Policy*. 2008;19(3):255-264..
18. Hakami R, Mohtadinia J, Etemadi A, Nemati M, Pourshams A, Islami F, Nasrollahzadeh D, Firoozi MS, Birkett NJ (3%), Kamangar F, Boffetta P, Malekzadeh R. Dietary intake of benzo(a)pyrene and risk of esophageal cancer in North of Iran. *Nutrition and Cancer: An international Journal*. 2008;60(2):216-221.
19. Plotnikoff R, Lippke S, Karunamuni N, Eves N, Courneya K, Sigal R, Birkett N (5%). Comorbidity, functionality and time since diagnosis as predictors of physical activity in individuals with type 1 or type 2 diabetes. *Diabetes Research and Clinical Practice*. 2007;78(1):115-122
20. Huang L, Sauve R, Birkett NJ (5%), Fergusson D, van Walraven C. Maternal Age and Risk of Stillbirth: A Systematic Review. *CMAJ* 2008;178(2):165-172.
21. Plotnikoff R, Lippke S, Reinhold-Matthews M, Courneya K, Karunamuni N, Sigal R, Birkett N (5%). Assessing the Validity of a Stage Measure on Physical Activity in a Population-based Sample of Individuals with Type 1 or Type 2 Diabetes. *Measurement in Physical Education and Exercise Science*. 2007;11(2):73-91.
22. Plotnikoff RC, Brunet S, Courneya K, Spence J, Birkett NJ (10%), Marcus B, Whitney J. The Efficacy of Stage-Matched and Standard Public Health Materials for Promoting Physical Activity in the Workplace: The Physical Activity Workplace Study (PAWS). *American Journal of Health Promotion*. 2007;21(6):501-509.
23. Edwards NC, Birkett NJ (15%), Nair RC, Murphy M, Roberge G, Lockett D. Access to Bath Grab Bars: Evidence of a Policy Gap. *Canadian Journal of Aging*. 2006;25(3):295-304
24. Plotnikoff R, Lippke S, Karunamuni N, Eves N, Courneya K, Sigal R, Birkett N (5%). BMI as a predictor of physical activity in adults with type 2 diabetes. *Obesity Reviews*, 2006;7:S2:343
25. Plotnikoff RC, Lippke S, Reinhold-Matthews M, Courneya KS, Sigal RS, Birkett NJ(5%). Assessing the Validity of a Stage Measure on Physical Activity in a Population-based Sample of Individuals with Type 1 or Type 2 Diabetes. *Medicine & Science in Sports & Exercise*. 2006;26:S146.
26. Plotnikoff RC, Taylor LM, Wilson PM, Courneya KS, Sigal RS, Birkett NJ(5%), Raine K, Svenson LW. Factors Associated with Physical Activity in Canadian Adults with Type 1 or Type 2 Diabetes. *Medicine & Science in Sports & Exercise*. 2006;38(8):1526-34.
27. Do M, Birkett NJ (10%), Johnson K, Krewski D, Villeneuve P. Exposure to Chlorination By-products in Drinking Water and Risk of Pancreatic Cancer. *Environmental Health Perspectives*. 2005;113(4):418-424.
28. Plotnikoff RC, Mayhew A, Birkett N (10%), Loucaides C, Fodor G. Age, gender and urban-rural differences in the correlates of physical activity in a random, population-based Canadian sample. *Preventive Medicine*. 2004;39(6):115-125.
29. Luo W, Birkett NJ (5%), Ugnat AM, Mao Y. Cancer Incidence Patterns Among Chinese Immigrant Populations in Alberta. *Journal of Immigrant Health*. 2004;6(1):41-8.
30. Garner M, Birkett NJ (10%), Johnson K, P, Shatenstein B, Ghadirian P, Krewski D, Canadian Cancer Registries Epidemiology Research Group. Dietary Risk Factors for Testicular Carcinoma. *International Journal of Cancer*. 2003;106(6):934-941.

PAPERS UNDER REVIEW BY REFEREED JOURNALS:

1. NONE

PAPERS UNDER DEVELOPMENT.

1. Birkett NJ(100%). Some Stochastic Properties of Non-differential Misclassification. (to be submitted to the American Journal of Epidemiology)
2. Birkett NJ (40%), Maziak DE, Sinha R, Ambrosone C, Labuda D, Mckeown-Eyssen G, Sinnett D, Young E, Darling G, Inculet R, Ghadirian P, Duranceau A. Dietary Heterocyclic Amines and Risk of Adenocarcinoma of the Esophagus. (to be submitted to: Cancer Epidemiology, Biomarkers and Prevention).
3. Birkett NJ (40%), Maziak DE, Sinha R, Ambrosone C, Labuda D, Mckeown-Eyssen G, Sinnett D, Young E, Darling G, Inculet R, Ghadirian P, Duranceau A. Lifestyle risk factors for Adenocarcinoma of the Esophagus. (to be submitted to: Cancer Epidemiology, Biomarkers and Prevention).
4. Birkett NJ (70%), Malone S. Dietary Heterocyclic Amines, XPD and Risk of Prostate Cancer.

PAPERS IN REFERRED CONFERENCE PROCEEDINGS (SINCE 2001):

1. Birkett NJ (50%), Malone S, Morash C, Robertson S, Little J, Gomes J, Fleshner N, Donner A. Prostate Cancer Risk and Exposure to Sunlight: Results from the Ottawa Prostate Cancer Etiology Study. AACR Annual Meeting 2008 Book of Abstracts 2008;250-1.
2. Lippke, S., Plotnikoff, R., Courneya, K., Birkett, N (10%)., & Sigal, R. A test of the HAPA model to predict physical activity in individuals with type 2 diabetes. In Seelig, H., Gohner, W. & Fuchs, R. (Eds.) Selbststeuerung im Sport (pp 24). Hamburg: Czwalina. 2005.
3. Lippke, S., Plotnikoff, R., Birkett, N.(10%), & Hotz, S. Improving prevention and rehabilitation of cardiac disease: Implications from testing two social-cognitive theories predicting nutrition and physical activity. Psychosomatic Medicine, 65(1), 2005.

TECHNICAL REPORTS (SINCE 2002):

1. Birkett NJ (80%), Robertson S, Gallinger S, Hollowaty E, Morash C. Methods for conducting molecular epidemiology research into the etiology of renal cell carcinoma: A pilot study. Submitted to the Canadian Cancer Etiology Research Network, May, 2006.
2. Lippke, S., Plotnikoff, R., Courneya, K., Birkett, N (10%)., & Sigal, R. (2005). A test of the HAPA model to predict physical activity in individuals with type 2 diabetes. In Seelig, H., Gohner, W. & Fuchs, R. (Eds.) Selbststeuerung im Sport (pp 24). Hamburg: Czwalina
3. Birkett NJ (100%). Analysis of the Canadian Gulf War Veterans Cohort. Submitted to Statistics Canada and the Department of National Defence, November, 2004.
4. Birkett NJ (100%). Review of the Report of the Community Health Assessment Project, Port Colborne. September, 2004.
5. Plotnikoff RC, Courneya KS, Sigal RS, Birkett NJ(5%), Raine K, Svenson LW. Physical Activity Behaviour of Community Adults with Type 1 or Type 2 Diabetes: The Determinants of Physical Activity Behaviour Change. Centre for Health Promotion Studies, University of Alberta, 2004.

PAPERS READ (SINCE 2002):

1. Birkett NJ (100%). Systems, Causal Pies and Cancer Prevention. (Department of Epidemiology, University of Southern California, 2010).
2. Birkett NJ (100%). Molecular Epidemiology, Multi-factorial Causation and Cancer Prevention. (Department of Community Health and Epidemiology, Dalhousie University, 2009)
3. Plotnikoff RC, Karunamuni N, Courneya K, Sigal R, Johnson J, Birkett NJ (5%), Lau D, Raine K. Alberta Diabetes and Physical Activity Trial (ADAPT) (“be active 09”, Alberta, 2009).
4. Birkett NJ (50%), Malone S, Morash C, Robertson S, Little J, Gomes J, Fleshner N, Donner A. Prostate Cancer Risk and Exposure to Sunlight: Results from the Ottawa Prostate Cancer Etiology Study. (AACR Annual Meeting 2008)
5. Birkett NJ (100%). Systems Biology, Biomathematics and Cancer Etiology. (Department of Epidemiology, Penn State University, 2008)
6. Birkett NJ (100%). Systems Biology, Biomathematics and Cancer Etiology. (Department of Statistics, University of Guelph, 2007)
7. Birkett NJ (100%). Adenocarcinoma of the Esophagus: The Past, Present and Future. (School of Public Health, University of Alberta, 2007).
8. Birkett NJ (100%). Longitudinal Data Analysis in Public Health (Invited presentation - Association of Public Health Epidemiologists of Ontario, 2007).
9. Plotnikoff RC, Lipke S, Courneya K, Birkett NJ (5%), Sigal R. Theory of Planned Behavior and Physical Activity: A Prospective Test in a Type 1 and Type 2 Diabetes Population Sample. (International Society of Behavioral Nutrition and Physical Activity, June, 2007).
10. Plotnikoff RC, Lipke S, Courneya K, Birkett NJ (5%), Sigal R. Self-efficacy’s Role in Protection Motivation Theory: Explaining Physical Activity in Type 1 and 2 Diabetes. (International Congress for Behavioural Medicine, 2006).
11. Tait V, Birkett NJ(20%), Maziak DE. Dietary Iron Intake, Reflux Symptoms and the Risk of Esophageal Adenocarcinoma (EAC): Analysis of a Case-control Study. (AACR, 97th annual meeting, Washington, April, 2006)
12. Plotnikoff, R., Lippke, S., Karunamuni, N., Eves, N., Courneya, K., Sigal, R., Birkett, N (5%). BMI as a predictor of physical activity in adults with type 2 diabetes. (International Congress on Obesity, Sydney, Australia, 2006. Poster)
13. Plotnikoff, R., Lippke, S., Reinbold-Matthews, M., Courneya, K., Sigal, R., Birkett, N (5%). Assessing the validity of a stage measure on physical activity in a population-based sample of individuals with type 1 or type 2 diabetes. (North American Society for the Psychology of Sport and Physical Activity, Denver, Colorado, 2006. Poster).
14. Plotnikoff RC, Lipke S, Courneya K, Sigal R, Birkett NJ (5%). What Drives Physical Activity in Individuals with Diabetes? A Test of the Social Cognitive Theory. (The Society of Behavioural Medicine, 2006. Poster).
15. Lippke, S., Plotnikoff, R., Courneya, K., Birkett, N (5%), Sigal, R. Who is motivated and how they get motivated to perform physical activity? A theory-based study of individuals with type 2 diabetes. (41st Annual Conference of the German Diabetes Association, Leipzig, Germany, 2006. Poster).
16. Lippke S., Plotnikoff R., Birkett N., Hotz S. Stage-specific prediction of intention to reduce fat intake and fat-reduced dietary behaviour: A test of a three-stage model. (Submitted to: Tagung der Fachgruppe für Gesundheitspsychologie, Freiburg, Germany, September 2005)
17. Birkett NJ (100%) Stochastic Considerations in Non-Differential Misclassification And Bias In Estimation Of Odds Ratios. (The Society for Epidemiological Research, June, 2005)

18. Plotnikoff R, Taylor L, Wilson P, Courneya K, Sigal R, Birkett N(5%), Raine K, Svenson L. Demographic and Health Factors Associated with Physical Activity in Adults with Type 1 or Type 2 Diabetes. (The Society for Epidemiological Research, June, 2005)
19. Lippke S, Plotnikoff RC, Birkett NJ(10%), Hotz SB. Stages of Protection Motivation in Dietary-Fat Behavior Is the Architecture of the PMTV Variables Different Within the Stages of the TTM? (Society for Behavioural Medicine, 2005)
20. Lippke S, Plotnikoff RC, Birkett NJ(10%), Hotz SB. Improving Prevention and Rehabilitation of Cardiac Disease: Implications from Testing Two Theories Predicting Nutrition and Physical Activity. (American Psychosomatic Society, March, 2005)
21. Lippke S, Plotnikoff R, Courneya K, Birkett N (5%), & Sigal, R. A test of the HAPA model to predict physical activity in individuals with type 2 diabetes. (Theories to Predict Health Enhancing Physical Activity Symposium, Sport Psychology Conference, Freiburg, Germany, May 2005).
22. Plotnikoff RC, Wilson P, Taylor LM, Courneya K, Sigal R, Birkett N (5%), Raine K, Svenson L. Social and Health Correlates of Physical Activity in Type 1 and Type 2 Diabetes: An Adult Population Sample. (International Congress of Behavioural Medicine, August, 2004).
23. Plotnikoff R, Courneya K, Spence J, Birkett N (5%), Marcus B, Brunet S. The Canadian Active Living Worksite Trial. (International Congress of Behavioural Medicine, August, 2004)
24. Carew M, Birkett NJ (50%). Mortality and Morbidity among Gulf War Veterans: The Canadian Forces Cohort Study. (NATO Human Resources and Medicine Panel Symposium, Budapest, April, 2004)
25. Birkett NJ (40%), Maziak DE, Ambrosone C, Darling G, Inculet R, Labuda D, Mckeown-Eyssen G, Sinha R, Sinnott D, Young E, Ghadirian P, Duranceau A. Dietary Heterocyclic Amines and Risk of Adenocarcinoma of the Esophagus. (American Association for Cancer Research, March, 2004)
26. Birkett NJ (70%), Malone S. Dietary Heterocyclic Amines, XPD and Risk of Prostate Cancer. (American Association for Cancer Research, March, 2004)
27. Do M, Birkett NJ (15%), Johnson KB, Villeneuve P, Krewski D, Canadian Cancer Registries Epidemiology Research Group. Chlorination Disinfection By-Products in Drinking water and Risk of Pancreatic Cancer. Canadian Society for Epidemiology and Biostatistics, 2003.
28. Plotnikoff RC, Wilson P, Courneya KS, Birkett NJ (5%), Sigal R, Raine K, Svenson L. Social And Health Characteristics Associated With A Population Sample Of Persons With Diabetes Who Meet Public Health Physical Activity Guidelines. Society for Behavioural Medicine, 2003.
29. Leonard L, Navarro C, Birkett N (5%). Sources of New and Used Needles Drive HIV Incidence Among Injection Drug Users in Ottawa. The CAHR/ACRV 11th Annual Conference on HIV/AIDS Research, April, 2002

OTHERS (SINCE 2002):

1. None

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