

DONALD CHARLES COLE

CURRICULUM VITAE

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Part B – BIOGRAPHICAL INFORMATION

PERSONAL

UNIVERSITY OF TORONTO

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OTHER

D.O.B: October 12, 1952

Citizenship: Canadian

Languages: English, Spanish, French

1. EDUCATION

- 1970-72 **BSc** Program, Faculty of Arts and Sciences, University of Toronto (only 2 years pre-med required at that time)
- 1972-73 Music & French as a 2nd Language, Université de Paris (X) – Vincennes
- 1973-78 **MD**, Faculty of Medicine, University of Toronto
- 1979 Postgraduate course in the Epidemiology of Tropical and Parasitic Diseases, Division of Community Health, University of Toronto
- 1987- 91 Community Medicine residency programme, McMaster University
- 1987 Tutorial Skills for Small Group Learning Workshop, McMaster Faculty of Health Sciences
- 1989 **DOHS** or Diploma in Occupational Health and Safety, Occupational Health Program, McMaster University
- 1990 **FRCP(C)** in Occupational Medicine
- 1991 **MSc** in Design, Measurement and Evaluation of Health Services, Department of Clinical Epidemiology and Biostatistics, McMaster University.
- 1992 **FRCP(C)** in Community Medicine
- 1995 Summer graduate course in Reproductive Epidemiology, University of Michigan, School of Public Health, Department of Epidemiology.
- 2009 Centre for Faculty Development workshop on Designing Educational Research
- 2010 Centre for Faculty Development workshops on Writing Abstracts for Educational Journals, Applying Learning Theories to Teaching Problems
- 2010 Centre for Teaching Support and Innovation workshop series on Engaging Learners – promoting critical thinking
- 2012-13 Centre for Faculty Development workshops on Mentoring I & II, Use of theory in qualitative analysis, Role modelling
- 2013 **Core Foundations in Educational Research** certificate

2015 Faculty Institute on Community-Engaged Learning, and Community-Engaged Learning Course Design Institute. Centre for Community Partnerships, University of Toronto

2. CURRENT UNIVERSITY STATUS & EMPLOYMENT

UNIVERSITY OF TORONTO:

Tenured Professor

Public Health and Preventive Medicine/Epidemiology, Dalla Lana School of Public Health, University of Toronto: 2005- 2014 associate, 2014 - full

Full Member

School of Graduate Studies, University of Toronto, 2004- (I came from McMaster as an Associate Professor with post-doctoral fellow research supervision experience. Consequently, the Graduate Coordinator proposed me as a full member of SGS prior to my being granted tenure in 2005.)

School of the Environment, University of Toronto, 2001-2011, 2013-

Associate Member

Institute of Medical Sciences: 2009-

General Member

Wilson Centre for Educational Research: 2007-

UNIVERSITY OF TORONTO ROLES/COMMITTEES:

2001-2008 **Member**, Community Medicine Residency Program Committee
 2001-2002 **Member**, Department of Public Health Sciences (DPHS) Community Health Research Day Committee
 2002, 2007 **Member**, Occupational Hygiene Faculty Selection Committee
 2002, 2003 **Member**, DPHS Ontario Graduate Scholarship in Science and Technology (OGSST) Selection Committee
 2002-2006 **Member**, University of Toronto Open Awards Committee
 2002-2005 **Member**, DPHS Yearly Faculty Review (PTR) Committee
 2002-2007 **Member**, Centre for International Health Advisory Committee
 2002-2006 **Member** for Epidemiology, OGS/OGSTF Committee
 2003-2008 **Member**, Institute of Environmental Studies/Centre for Environment Research and Education Steering Committees
 2003-2008 **Member**, Epidemiology Program Selection Committee
 2003-2006 **Member**, MHSc Community Health and Epidemiology (CH&E) Program Re-design Group
 2003-2008 **Member**, Collaborative Program in Environment and Health Committee
 2004-2008 **Member**, Centre of Urban Health Initiatives Research Committee
 2004-2006 **MHSc Associate Programme Director** in CH&E
 2005-2007 **Member**, hiring committees for CMRP Director, CRC II Chair in Epidemiology, tenure stream position in Epidemiology
 2008 **Member**, Research, Tenure Review Committee for Faculty of Nursing
 2006-2008 **Member**, Environment Round Table (convened by the Provost's office)

2006-2007	Chair , Management Task Group, Public Health Sciences
2007-2015	Member , Selection Committee for MHSc/MPH Global Health Concentration students
2008-2012 + Jan-Aug 2014	Director (Founding), Collaborative PhD in Global Health and chair of Program Committee
2009-2011	Representative of DLSPH on Clinical Investigator Program Committee
2009-2015	Chair , Research Committee, Toronto Addis Ababa Academic Collaboration
2009-2011	Chair , Global Health Education Advisory Committee, DLSPH
2010	Member , Selection Committee for OTRU Scientist position, DLSPH
2010-2012	Head , Assessment and Evaluation Committee, Epidemiology, DLSPH
2011-2014	Representative , Division IV, Graduate Education Council
2011-2012	Member , Advisory Committee re Visiting Professors and International Relations, Wilson Centre for Research in Education
2011-2012	Member , Tenure Review Committee for Epidemiology position, DLSPH
2011-2012	Member , Hiring committee for Human Rights and Global Health position, DLSPH
2011	Member , Transitional Strategic Steering Committee, DLSPH
2011-2014	Head , Division of Global Health, Dalla Lana School of Public Health
2012	Member , Public Health and Preventive Medicine Sustainability Task Force
2012	Member , Strategic Planning Committee, Joint Centre for Bioethics
2012-2013	Interim Director , Institute for Global Health Equity & Innovation
2013-2014	Interim Associate Director , Academics, IGHEI: 2013-2014
2013-2015	Member , Connaught Review College, including review of DFATD applications
2015-2016	Member , DLSPH Global Health Steering Committee
2015-2016	Member , Global Health Travel Awards Review Committee.
2015 -2017	Co-Chair , DLSPH School Council
2015	Co-Chair , Teaching Innovation Sub-Committee of DLSPH Strategic Planning Committee
2015-2018	Chair , Teaching Evaluation Committee for Promotion, DLSPH

3. ADMINISTRATIVE SERVICE STATEMENT

As indicated above, I have been active in a variety of Public Health Sciences/Dalla Lana School-Faculty of Public Health divisional, school-wide and university-wide committees. I elaborate on some of these activities below.

In Epidemiology, I served as MHSc Associate Program Director (2004-2006) during a period of review and re-design of our masters' programs, consolidating the research masters and the professional masters into one program in which students could pursue practice, policy and research interests. Building on an investigation into competencies expected of masters graduates, I headed an Assessment and Evaluation Committee of colleagues and students at the masters and doctoral levels which developed an approach to PhD competencies (peer-reviewed international poster #53). Such involvement led to my appointment to the Graduate Education Council for our Department of Public Health Sciences (now Dalla Lana School of Public Health) where we exchange different approaches to graduate education across the university.

In 2005-2006, I represented the Department of Public Health Sciences (bringing particular expertise in environmental health) on the Agency Implementation Task for Ontario's new public health agency, which subsequently became Public Health Ontario (Reports #64 &65). I worked with other colleagues to promote strong linkages between Public Health Ontario and Ontario universities for research and training.

In 2006-2007, I chaired the Management Task Group for DPHS, preparing for the transformation of the department to a school of public health. I drew upon my understanding of workplace organization and experience with relationships among workplace parties to guide the development of a set of principles for organization of our department-school. We examined organizational structures across schools of public health, and suggested a matrix organization (in which disciplinary divisions collaborate across substantive themes such as HIV-AIDS). We recommended a process to create a vibrant, democratic community which would incorporate the aspirations of different constituencies (partners, faculty, staff and students) (Report #72). More recently (2012), I brought a similar vision to the Public Health and Preventive Medicine Sustainability Task Force.

Upon my return from sabbatical in 2009, which involved work with global health advocates and researchers in universities and non-governmental organizations in Latin America, Africa and the UK, I felt a strong need for better organization in our approach to global health. Hence, I led the founding of, and chaired the Global Health Education Advisory Committee to clarify our vision of global health education and to serve as an organizing tool for the global health community affiliated with the DLSPH. In this capacity, I worked with the leadership of a medical resident training program, the Global Health Education Initiative in Post-Graduate Medicine, to bolster their evaluation processes (Peer reviewed presentation, international #109).

In February 2011, I assumed leadership of the new Global Health Division, bringing together a community of colleagues and students interested in global health education, research and service. This has entailed considerable mentorship of junior colleagues, both within our School and among our numerous status, cross-appointed and adjunct faculty with active involvement in global health (43 at last count). In conjunction with the Canadian Coalition for Global Health Research, I led a group mentorship process for post-docs and junior faculty with very positive feedback from colleagues (Peer reviewed presentation, local # 5). As a global health leader at the DLSPH, I became a member of the Transitional Strategic Steering Committee for the DLSPH and the Strategic Planning Committee of the Joint Centre for Bioethics.

I actively contributed to the Faculty of Medicine's committee for input to the Strategic Plan and preparation of the Global Health Roadmap. I was a member of the Steering Committee for the design of the new Institute for Global Health Equity and Innovation, under Dean Catherine Whiteside's leadership, leading to my interim directorship of IGHEI, an academic leadership role which involved connecting with global health colleagues hospital research institutes and different faculties in thinking about innovation for global health equity (Part E, Chapter in collective work, Puablixded #38 for scholarship out of this role).

Towards the end of my sabbatical (2014-15), I agreed to take on chairing of our fledgling School Council, working with Dean's office staff and meeting with Vice-Provost, Academic Programs staff as well as other chairs of faculty councils to understand the range of current policy and practice across the university. In addition to approving new academic program directions, the Council has the opportunity to foster a community wide space for collective soft governance,

airing issues facing our Faculty to inform administrative practice and taking stands as a Faculty on important issues in public health. Further, I assumed the Chair of the Teaching Evaluation Cttee for promotions, learning from my predecessor and earlier attendance at provostial sessions. We saw enough gaps to prompt facilitating a session in our Teaching Lunch & Learn seminars with the Interim Associate Dean of Academic Affairs on Demonstrating Teaching Effectiveness. I also was an active core member of our MPH Admissions Cttee in 2015-16, revising the process, increasing information, conducting interviews and sorting out tricky admissions questions under the leadership of Susan Bondy, with continued interviewing in 2016-17.

4. EMPLOYMENT & APPOINTMENT HISTORY

ACADEMIC/RESEARCH:

- 1979-1980 **Tutor**, Core III course "Issues in Community Health", MHSc Program, Division of Community Health, University of Toronto
- 1980-1983 **Lecturer**, Division of Community Health, Faculty of Medicine University of Toronto
- 1983 **Research Associate** to P. Niall Byrne, Faculty of Medicine, University of Toronto for contract with Health Promotion Directorate, Health and Welfare Canada, on Poverty, Health and Health Education
- 1992-1998 **Status Appointment**, Division of Community Health, Faculty of Medicine, University of Toronto
- 1992-1994 **Lecturer**, Division of Community Health, Faculty of Medicine University of Toronto
- 1993-2001 **Member**, Program Committee, Community Medicine Residency Program, McMaster University
- 1993-1997 **Research Fellow**, Eco Research, Chair in Environmental Health, McMaster University
- 1994-2001 **Associate Professor**, Department of Geography and then School of Geography & Geology, McMaster University
- 1994-2001 **Cross-appointment** to Department of Clinical Epidemiology and Biostatistics, McMaster University, and **Adjunct appointment** to Department of Preventive Medicine and Biostatistics and then Public Health Sciences, University of Toronto
- 1995-1996 **Director**, Community Medicine Residency Program, McMaster University
- 1997-1999 **Interim Director** of Research, Institute for Work & Health
- 1999-present **Senior then Adjunct Scientist**, Workplace Studies, Institute for Work & Health
- 2001-2004 **Associate Professor** (tenure stream), Department of Public Health Science, University of Toronto
- 2001-present **Associate Scientist**, International Potato Center (CIP)
- 2004- **Researcher**, Center for Research Expertise for Musculoskeletal Disorders (CRE-MSD)
- 2004- **Cross-appointment** to Faculty of Health Sciences, University of Waterloo
- 2015 **Visiting professor**, University of Warwick, UK
- 2018 **Visiting professor**, Universidad San Francisco de Quito, Ecuador

COMMUNITY:

- Summer 1973 **Office Assistant**, Amnesty International, London UK
- 1975,1976 **Nurse's Aide**, Centre De Santé Isle-Dieu, Matagami, Québec
- 1978-1979 **Rotating Intern**, St. Joseph's Hospital, Toronto
- 1979-1980 **Physician**, Hassle Free Clinic, Toronto
- 1980 **Occupational Physician**, Leaside Medical Associates, Toronto
- 1980-1983 **Staff Physician**, York Community Services in a multi-ethnic community. Hospital Appointments in Departments of Family Practice: Humber Memorial Hospital (Associate Staff), Northwestern General Hospital (Courtesy Staff)
- 1983-1984 **Medical Consultant**, Wellness for Seniors Health Kit - contract for Health Promotion Directorate, Health and Welfare Canada
- 1984-1985 **Occupational Physician**, Occupational Health Department, Division of Hygiene and Epidemiology, Ministry of Health, Nicaragua - CUSO placement
- 1985-1986 **Epidemiologist/Health Educator**, Pesticide Health and Safety Program, CARE Nicaragua
- 1987 **Practicum Student**, Medical Advisory Service, Canadian Centre for Occupational Health and Safety, Hamilton ON
- 1991-2001 **Occupational and Environmental Physician** (part-time), Lakeshore Area Multi-service Project (LAMP), Toronto
- 2012-present **Occupational physician** (occasional), Occupational Health Clinic for Ontario Workers, Migrant Farmworker Special Clinics & others

CONSULTING/CONTRACT ACTIVITIES:

- 1980 **Co-Author**, City of Toronto Department of Public Health, report "The Chemical Society"
- 1982 **Community Health Consultant**, Centro Sperimentale de Educazione Sanitaria, Perugia, Italy re popular participation in health
- 1987 **Development Consultant**, OXFAM Canada re women's agricultural health and safety project in Nicaragua
- 1988-1990 **Epidemiological Consultant**, with Dennis Willms and Elizabeth Lindsay. Scott-McKay-Bain Health Panel on Health Services in the Sioux Lookout Zone
- 1989-1990 **Health Consultant**, Big Trout Lake Band re Community Health Development Plan
- 1992 **Evaluator**, Canadian Public Health Association. Bolivian Occupational Health and Safety Training Project
- 1990-92 **Occupational Health Expert**, Public Health Coalition. Intervenor with Environmental Assessment Board for Ontario Hydro's 25 Year Demand Supply Plan
- 1992-1997 **Research Consultant**, Ontario Workers' Compensation Institute
- 1993 **Public Health Consultant**, Hamilton-Wentworth Department of Public Health Services. Development of teaching modules in environmental health for community medicine residents
- 1993-1994 **Occupational Epidemiology Consultant**, Industrial Disease Standards Panel
- 1994 **Environmental Epidemiologist**, Port Maitland Health Effects Study Committee

1995	Environmental Epidemiologist , Halton Regional Health Unit
1997	Medical Consultant in Environmental Health , Ontario Ministry of Health
1998-2000	Medical/Environmental Health Consultant , Bio-Regional Health Effects Division, Health Canada
2002	Environmental/Community Medicine Consultant , Region of Ottawa-Carleton, Dept of Public Health and Long-Term Care
2002- present	Environmental Epidemiology/Risk Assessment Consultant , Toronto Public Health
2002-2003	Evaluation Consultant , AUCC (Association of Universities and Colleges of Canada) - Environmental Health Training Program, Tier 2 University Partnerships for Cooperation and Development
2010-2011	Consultant , African Population Health Research Centre
2012-present	Environmental Medicine Consultant , Health Canada
2013-present	Evaluation Consultant , Liverpool School of Tropical Medicine
2013 (Sept)	Environmental Health Expert , International Joint Commission Health Professionals Task Force Meeting
2013-2014	Public Health Consultant , Grey Bruce Health Unit
2017-2018	Strategic Planning Refresh Consultant , Wilson Centre for Education Research in the Health Professions

5. HONOURS and AWARDS

UNDERGRADUATE:

1970	Trinity College, Pat Strathy Scholarship in Mathematics, Physics and Chemistry
1971	Ontario Health Foundation, Martin L Wills Scholarship
1971	Trinity College, John Henry Pettit Scholarship
1972	Trinity College, Sophie Joyce Kinch Scholarship

GRADUATE:

1988	Ontario Ministry of Labour, Training Bursary (CDN 1000)
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CAREER:

1995	Dioxin '95 Conference, Best Poster Prize
2003	Department of Public Health Sciences Performance Evaluation and Salary Award, Surpasses Expectations, \$3,162
2008	Royal College of Physicians and Surgeons of Canada, International Travelling Fellowship, \$10,000
2011	Robin Badgley Award for Teaching Excellence in Public Health Sciences – open competition
2014	Best Module award for Module 13E, Environment and Health of the Global Health Education Initiative
2015	Vic Neufeld Mentorship Award in Global Health Research – Canadian Coalition for Global Health Research

6. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

CURRENT PROFESSIONAL ORGANIZATIONS:

Fellow, Royal College of Physicians and Surgeons of Canada in Occupational Medicine (1990) and Community Medicine (1992)

Member, Canadian Association for Research on Work and Health

Member, Canadian Public Health Association

Member, Canadian Coalition for Global Health Research

EXTERNAL GRANT COMMITTEES:

- 1987-1989 Ontario Pesticide Advisory Committee: reviewed and awarded pesticide research grants
- 1993-1994 St. Lawrence Health Effects Program/FRSQ
- 1995 National Health Research and Development Program: Environmental and Occupational Health
- 2001-2005 Canadian Institutes of Health Research (CIHR): Public, Community and Population Health
- 2004-2005 CIHR-IDRC Communities of Practice in Ecosystem Health peer review committee
- 2006 CIHR-IDRC Teasdale Corti Global Health Research Team grants
- 2007 Fonds de Recherches en Sante du Quebec (FRSQ), Strategic Research Program Grants
- 2008- Canadian Institutes of Health Research (CIHR): Population, Community and Public Health (various titles) including recent project scheme reviewer
- 2010 IDRC EcoHealth Leadership Awards
- 2011, 2012 CIHR – Grand Challenges Rising Stars competitions – Scientific Officer

FELLOWSHIP AWARDS COMMITTEES:

- 2004-2006 IDRC Agropolis (Cities Feeding People), Selection & Evaluation Committee
- 2003-2007 STIHR in Work Disability Prevention Research, Selection Committee
- 2006 L'institut de recherche Robert Sauvé en santé et en sécurité du travail (IRSST), Research awards in Ergonomics, Committee member

JOURNAL REFEREE:

- 2003- Acta Tropica
- 1999- American Journal of Epidemiology
- 1996- American Journal of Industrial Medicine
- 2002- American Journal of Preventive Medicine
- 2011- American Journal of Public Health
- 2004- Applied Ergonomics
- 2003- Archives of Medical Research
- 2017- BMJ Open
- 2009- Canadian Foreign Policy
- 2015- Canadiana Journal of Higher Education
- 1996- Canadian Journal of Public Health
- 2009- Canadian Foreign Policy

1999- Canadian Medical Association Journal
 1995- Chronic Diseases in Canada
 2013- Critical Public Health
 2012- Development in Practice
 2004- EcoHealth, **Review Editor 2013-2017**
 2009- Ecology of Food and Nutrition
 2012- Environment International
 2015- Environmental Management
 2015- Environmental Research
 2013- Global Health Promotion
 2013- Global Public Health
 2009- Health and Place
 2001- Health Reports
 2010- Health Research and Policy Systems **Editorial board 2014-2017**
 2003- Injury Prevention
 2007- International Archives of Occupational and Environmental Health
 2010- International Health & Human Rights
 2013- International Journal of Child Health & Nutrition
 2018- International Journal of Comparative Sociology
 2014- International Journal of Equity and Health
 2008- International Journal of Occupational and Environmental Health
 2015- International Journal of Environmental Research & Public Health
 2016- International Journal of Health Policy and Management
 2014- Journal of Bioethical Inquiry
 2016- Journal of Exposure Science and Environmental Epidemiology
 2017-18 Journal of Fungi **Special series on burden co-editor 2017-18**
 2009- Journal of Health and Place
 2007- Journal of Occupational and Environmental Medicine
 2004- Journal of Occupational Health Psychology
 2016- Journal of Public Health
 2001- Journal of Rheumatology
 2001- (BioMedCentral) Medical Research Methodology
 1992- New Solutions
 2005- Occupational and Environmental Medicine
 2011- Open Ergonomics
 2012- (BioMedCentral) Public Health
 2010- Public Health Nutrition
 2014- Research Evaluation
 2014- Revista PanAmericana de Salud Publica (Pan American Journal of Public Health)
 2015- Risk Analysis
 2003- Science of the Total Environment
 1998- Social Science and Medicine
 2013- Social Studies of Science
 2011- Tropical Animal Health and Production
 2012- Vertigo

BOOK MANUSCRIPT REVIEWS:

- 2007 For Routledge on Global Public Health, subsequently published
 2012 For Oxford on Food Security
 2013 For Oxford on Research Mentorship

SCIENTIFIC COMMITTEE MEMBER (AND ABSTRACTS REFEREE):

- 2001-2002 International Pesticide Conference, Society of Occupational & Environmental Health
 2004-2007 PREMUS (Prevention of Musculoskeletal Disorders), International Commission on Occupational and Environmental Health
 2005-2006 Canadian Association for Research on Work and Health
 2008 International EcoHealth Forum (Merida, Mexico)
 2013-2014 Ecohealth 2014 Program Committee (Montreal, Quebec)
 2018 Migration, Work and Health Scientific Committee (Toronto, ON)

EXTERNAL GRANT REVIEWS:

- 1987-1998 Alberta Occupational Health and Safety
 1988-1999 National Health Research and Development Program
 1996-1999 Great Lakes Research Consortium
 1997 - Medical Research Council/Canadian Institutes of Health Research
 1999-2004 Institut de Recherche Robert Sauvé en Santé et en Sécurité du Travail (IRSST)
 1999-2003 Northern Contaminants Program, Health Canada
 1999-2008 Ontario Workplace Safety and Insurance Board
 1999-2003 Fondes de Recherche en Santé du Québec
 1999-2003 Social Sciences and Humanities Research Council
 2003-2008 Michael Smith Foundation
 2003 Wellcome Trust
 2003 US National Institutes of Health, Fogarty Centre
 2004-2007 CRE-MSD Seed grant committee
 2005 HSPRSN Operating Grants Competition External Review
 2011 Max Bell Foundation
 2012 IDRC Ecohealth Platforms
 2014 MITACs
 2015 Wellcome Trust fellowships
 2015 CRC Tier One Chair renewal

EXTERNAL ETHICS REVIEWS:

- 2015 Toronto Public Health for Public Health Agency of Canada grant

EXTERNAL REFEREE for Academic Colleagues:

- 2011 Renewal of Canada Research (Tier II) Chair in Health Geography, University of Western Ontario
 2012 Tenure review, Health Geography, University of Western Ontario
 2015 Promotion to full professor, Health Sciences, Brock University.

OTHER:

- 1982-1983 **Member**, Community Health Centre/Health Service Organization Evaluation Committee
- 1987-1989 **Member**, Ontario Pesticide Advisory Committee (OPAC) advising the Minister of the Environment
- 1988 - 90 **Member**, Chile Project Advisory Committee, CPHA
- 1989 **Representative**, Environmental and Occupational Health Division, to Planning Committee for OPHA Annual Conference in Hamilton, Nov 1989
- 1992-2000 **Corresponding Member**, Ontario College of Family Physicians Environment Committee
- 1995-1999 **Member**, Expert Working Group, Pesticide Exposure Study, Health Canada
- 1999-2001 **Member**, Epidemiology Advisory Panel, NSERC Strategic Grant on Exposure Biomarkers for Drinking Water DBPs
- 1999 **Member**, Expert Review Panel on Inhalable/Respirable Particulates for CRESTECH/NERAM (Network on Risk Assessment and Management)
- 1999-2002 **Member**, MSF Aral Sea Area Operational Research Advisory Committee
- 2003-2005 **Technical Committee member** of Strategic Initiative on Malaria and Agriculture
- 2005 **Member**, cross-Canada human resources planning workshop for Public Health Agency of Canada
- 2005-2006 **Member**, Implementation task force for Ontario Health Protection and Promotion Agency
- 2006 **Member**, Masters' in public health guidelines development group for Public health Agency of Canada
- 2007-11 **Member**, Research Ethics Board of Health Bridge (Canadian global health NGO)
- 2007-09 **Management Team Member**, Agriculture and Health Research Platform
- 2010-14 **Co-Chair**, Public Health & Primary Care Working Group, AMPATH
- 2012- **Member**, Research & Evaluation Committee, Canadian Community of Practice in Ecosystem Health (COPEH-Can)
- 2012-2015 **Member**, Comite Aviseur/du Conseil, Santé-CAP (STIHR on GH research training)
- 2013-2015 **Member**, Healthy Harvests Research Consortium
- 2014-2016 **Member**, Advisory Cttee on Evaluation of the STIHRs (Strategic Training Initiatives for Health Research) for CIHR
- 2014-2016 **Member**, Scientific Working Group on Research Capacity Strengthening and Knowledge Management, TDR-WHO
- 2014- **Member**, Ontario Ecohealth Collaborative Steering Committe
- 2015- **Senior Adviser**, Global Action Fund for Fungal Infections (GAFFI)
- 2016- 2017 **Member**, Academic Advisory Cttee to Foodshare
- 2015- **Chair**, DELTAS Learning Project Advisory Panel

7. CREATIVE PROFESSIONAL ACTIVITIES STATEMENT

As evidenced by my *Employment and Appointment* history in Community and Consulting/Contract activities (Part B.2 above), I have a long history as an occupational, environmental and public health practitioner. Shortly after medical school, I worked at an occupational medicine clinic close to an industrial park, followed by work at an urban

community health centre (YCS), a regional department of public health, and a national non-governmental organization (CARE-Nicaragua). In this way, I have combined individual care, meso-level institutional and organizational interventions, and broader policy work, as different ways of addressing physical and social determinants of human health. For example, in Nicaragua in the mid 1980's, I was involved with multiple sectors (health, education, labour, environment, agriculture) in epidemiological surveillance, health education (see Other Courses Taught in Teaching & Education Part H) and policy formation around the use of pesticides, agricultural production and health during a dramatic period of social change (Report #3, international peer reviewed presentation #56).

As an occupational/environmental physician at a multi-service centre (LAMP), I provided literature references with patient consultations, assessed hazards, conducted surveys, and wrote reports framed within the relevant evidence base. Throughout, I assisted residents, municipal organizations, and workplace parties in resolving health issues in a collaborative fashion. I am particularly attracted to processes that respect the *adult learning* potential of many professional activities. For example, I worked with McMaster university colleagues and community stakeholders to share understandings of air pollution and scope out ways of monitoring air pollution and its health effects that would make sense to stakeholders and health researchers (Published refereed paper # 29, and provincial presentations under Knowledge Translation activities). During my Community Medicine residency, I worked with colleagues on a set of Training Modules in Environmental and Occupational Health for public health professionals wanting to learn more about toxic exposures and appropriate responses. We embedded key new information in gradually unfolding scenarios, highlighting skills at each stage and emphasizing *cross-disciplinary* and *cross-institutional* (Ministries of Health, Labour and Environment) *collaboration* (Report #4).

When asked by Health Canada colleagues to join efforts to explore the issue of environmental contaminants and fish consumption, I worked closely with them to bring together *multidisciplinary teams* and a variety of stakeholders groups. The work involved sharing approaches with environmental health policy makers in the International Joint Commission and survey results with members of Remedial Action Plans (Reports #19 and #21). These citizens came from diverse backgrounds to assess and clean up water bodies in their local communities, and actively lobbied for our research and interpreting it to fellow citizens in their contaminated Areas of Concern. I continue to be called upon by the International Joint Commission's Health Professionals Task Force – witness an expert consultation in Toronto on linking health and environmental data bases last week (2013 September 30).

Working on improving environments that influence human health has often meant my *working with institutions in sectors other than health*. For example, the invitation to work on pesticide problems among small potato farmers in northern Ecuador came from agricultural economists affiliated with the International Potato Centre (CIP), one of the Consultative Group for International Agricultural Research (www.cgiar.org/). CIP's collaboration with the National Agricultural Research Institute and groups of farmers was the essential context in which to learn about the constraints which farmers felt kept them using pesticides and to model different ways of engaging in agricultural production to reduce risk and improve ecosystem health. Such work necessarily involves many presentations to and meetings with community groups, municipal and provincial political representatives, and national level stakeholders – partially represented in *Knowledge Translation and Exchange (KTE)* activities (Part G below). We have provided

written descriptions of the processes involved in moving smallholder agricultural production to better health and greater sustainability in Ecuador (Chapters #24 & #32). I have been invited to make presentations on this work to the Canadian public, the international development community in Canada and global policy-makers and to give numerous interviews with the media and describe the work in lay publications. A measure of my impact at CIP was the invitation to be a keynote speaker and theme facilitator to think through how CIP could assist with meeting the Millennium Development Goals relevant to maternal and child health, as part of their strategic planning meeting in Nov-Dec 2002. My input was instrumental in their creating a new Health and Agriculture Division, which I headed during my sabbatical in 2008-2009 (see support letter). I represented CIP on the Management Team of the Agriculture and Health Research Platform in consultations with inter-governmental organizations such as the World Health Organization, Food and Agriculture Organization and International Labour Organization (June 2009).

As Interim Scientific Director and then Senior Scientist at a mission-oriented research institute, the Institute for Work & Health, I honoured our *commitment to engagement, research collaboration and knowledge transfer and exchange* (see website at www.iwh.on.ca) with health practitioners, workplace parties and policy makers – evidenced in the *Research, Education, Practice and Policy Reports* and *Knowledge Translation/Dissemination* subsections of Part G (see support letter). Health practitioners included occupational and environmental physicians with whom I have shared evidence-based guidelines, as well as physiotherapists, health educators, employee assistance providers, and occupational health nurses. Workplace parties included union groups, health and safety associations and members of joint health and safety committees in specific workplaces, not only as part of public health intervention research, but also as social actors willing to push for change – witness the multi-stakeholder future search process on repetitive strain injuries in which I acted as a sponsor, participant and speaker. I have made continuing education presentations to decision-makers at the Workplace Safety and Insurance Board, most recently on migrant farm workers' health, safety and compensation (2013 August 23). This work is conducted with a very engaged group of colleagues linked with the International Centre for Migration Research (Wilfred Laurier University) and the Occupational Health Clinic for Ontario Workers (www.migrantworkerhealth.ca/Welcome.html). My roles are as an experienced clinician, researcher, and also as an expert in a human rights case around the death of a migrant farmworker.

With the Centre for Urban Health Initiatives, a CIHR research development centre based at U of T, and working with a health geography and nutrition colleague, I explicitly emphasized campus-community partnerships around food and environmental health issues. We worked with ethnic community organizations (Published refereed paper #156) and Toronto Public Health in understanding and evaluating uptake of their pesticide reduction approaches (Published refereed paper #141). In addition to consulting work with environmental health colleagues (Part B, Part2), a PhD student and I worked closely with public health at municipal and provincial levels to explore alternative ways to monitor morbidity (Published refereed paper # 126) and intervene during heat alerts (Published refereed paper #129) (see support letter).

In my involvement with the Canadian Coalition for Global Health Research as co-chair of the Capacity Strengthening Program, I was involved in multiple organizational activities including workshops, fora, collaborations with APHRC & CARTA (see support letter) and the mentoring of colleagues newer to global health research. The latter work led to research funding. a peer-

reviewed paper (#194, see more under Teaching) and, with the support of DLSPH and other colleagues, the inaugural Vic Neufeld Mentorship Award in Global Health Research.

For the CIHR-funded Strategic Training Initiatives in Health Research (STIHRs) I led a review of mid-term reports in relation to innovation, evaluation and sustainability (Report #86). Initial feedback was very positive e.g. email from Patrick Loisel 27/09/2013 “This is a very interesting report and communicates well to CIHR our common will and need to continue our mission in educating young researchers and developing thematic health communities of researchers and trainers. ... Thanks to Donald for assembling and synthesizing our efforts and perspectives in these programs.” After the last teleconference in the spring of 2016, Shevaun Corey, Senior Evaluation Analyst in CIHR’s Performance and Accountability Branch thanked us for our “participation in the STIHR Evaluation working group. Specifically, for the time and valuable feedback that you have provided at various points in time since the evaluation’s inception.” (2016 Apr 25 email)

Further, the Health Research Capacity Strengthening Initiative of Malawi, sub-Saharan Africa, contracted colleagues from Liverpool School of Tropical Medicine (LSTM) and Malawi and me to evaluate their last six years of work (part H, Education funding, Contracts). This was a fascinating process involving a DLSPH doctoral student, in which we have the trust of multiple stakeholders and the responsibility to provide guidance to them on continuing to building health research capacity (see peer review paper #204). I continue as an arm’s length evaluation consultant with LSTM for a Royal Society capacity strengthening initiative funded by the UK Department for International Development and a Wellcome Trust funded initiative, Developing Excellence in Leadership, Training and Science (DELTAS) Africa Initiative, in which I chair the Learning Research Project Advisory Panel. As a Senior Adviser to the Global Action Fund for Fungal Infections (GAFFI), I have brought epidemiological and public health expertise, with substantial assistance in documenting both burden of disease (#147 in Bull WHO, and most recent, #215) and combined clinical – public health responses (#223 Lancet ID 2017).

As the DLSPH representative on the steering committee of EcoHealth Ontario (<http://www.ecohealth-ontario.ca/> - Trillium funding), and an active member of the Research Working Group, I have become increasingly involved with practice communities, in both public health and conservation construed broadly. This has enable student funding for projects such as writing a Backgrounder on Biodiversity & Health.

Part C – ACADEMIC PROFILE – RESEARCH STATEMENT

Main research interests

I have a long-standing interest in the complex relationships between *physical and social environments and human health*. My principal contributions have been in the areas of: a) contaminated fish consumption and human health; b) agriculture and human health; c) work-related musculoskeletal disorders; and d) global health.

Research orientation

My interests started in medical school and carried on into my professional practice (see Part B, Sn4). As a student health activist, I wanted not only to understand but also to change conditions which affected people's health. My earliest forays into scholarship shared lessons on a unique community health centre program that worked with stakeholders on workplace interventions to reduce hazards (Part E, Published refereed paper #2).

As an academic, my social commitment has led me to a suite of activities that involve the scholarships of discovery, integration and application (Boyer 1990). The first involves primary research, the second systematic and synthetic reviews with knowledge exchange, and the third combines public health intervention research and knowledge translation, blended into creative professional activity. In my primary research in the fields of occupational and environmental health, and more recently in global health, I have led a number of challenging projects that used mixed methods from different disciplinary traditions and pushed research teams to apply more sophisticated conceptual frameworks or statistical methods. An early example of developing a conceptual framework and applying the appropriate analysis was a paper I led on work and life stressors as determinants of psychological distress in a representative Canadian population. We used structural equation modeling to combine measurement models of stressor constructs (e.g. work-related stress) and their paths of influence on the outcome (Published refereed paper #52).

For me, this fascination with research ideas and methods applied to socially important questions, provide me an ongoing source of inspiration to keep at it, through the many challenges which research can pose! An example of the latter is my perseverance in working with repeated measures collection of surface electromyography (EMG) data (1995-2001) in our NIOSH funded project. Biomechanics colleagues had to carry out meticulous windowing of the data and variable construction of a range of EMG variables. Biostatistician colleagues worked through substantial descriptive analysis and then embarked on multivariate, longitudinal analyses. We split our findings into a report and a paper which demonstrated correlated change in EMG activity across muscle groups and associated with exposure changes during the workplace intervention (#153 in 2012).

Substantive Areas

Within the broad field of *physical and social environments and human health*, my substantive interests been guided both by my interests and the opportunities at hand. For example, when asked to join a national Pesticide Health and Safety team in Nicaragua in the mid-1980's, I led the epidemiological surveillance of pesticide sub-clinical and clinical poisonings, sparking my long-standing interests in pesticides and health specifically, and *agriculture and health* more generally. Similarly, although my masters' thesis was a design of a workplace intervention for *work-relevant musculo-skeletal disorders*, it was not until I was offered a part-time position at the Institute for Work and Health that I could undertake systematic reviews, then primary research within teams, then (as full time Interim Director and Senior Scientist) leading teams of researchers in *workplace intervention research*. My interest during medical school in environmental contaminant intake and fish consumption was sparked when I drove a busload of supporters to a conference on mercury poisoning associated with pulp and paper factory pollution, organized by the Grassy Narrows First Nation in the mid-1970's. This did not become a research area until I was in a post-doctoral position at McMaster University and Health Canada wanted a team to measure *contaminants in high consumers of Great Lakes fish* – I took the

opportunity. The growing demand by trainees for *global health research* supervision at the University of Toronto pushed me to draw upon my research experience in low- and middle-income country settings in order to supervise them across a range of global health topics outside my earlier methodological or subject area expertise. In this sense, my own research career reflects my learning from evaluating intensive research training in global health and undertaking synthetic reviews of global health research capacity strengthening, namely that national and institutional context (research demand, funding and supports) are important drivers of researcher focus and productivity.

Here I briefly summarize activities and contributions in each substantive area, from the time I was first paid as a researcher during my research fellowship in environmental epidemiology.

a. Contaminated fish consumption and human health

I brought together a team of researchers (anthropologist, sociologist, nutritionists, laboratory chemists, data analyst-statisticians) using *combined quantitative and qualitative techniques to characterize perceptions and levels of risk and benefits* of a relatively elusive group -- high consumers of fish and wildlife in predominantly urban locations of Southern Ontario Areas of Concern (1995-2001). We generated a series of papers, including those biologically focused on contaminant burdens associated with fish consumption (Part E Published refereed paper #69) and, from a medical-anthropological perspective, perceptions of fish consumption among anglers (Published refereed papers #112). Our work contributed to a shift in understanding among Canadian environmental health policy makers regarding the balance between benefits and risks of such consumption, both in Areas of Concern, and at the federal level within Health Canada.

b. Agriculture and human health

I led a multi-disciplinary team (occupational and environmental health physician, social medicine researcher, neuropsychologist, laboratory scientist, biostatistician) in the documentation of burden of illness from pesticide poisonings and ongoing exposure in small-holder agriculture (Published refereed paper #25, 25 cites, 2.2 citations per year on average). Economist colleagues in the overall project used our epidemiological results in simulation models to predict reductions in productivity associated with neurotoxic impacts, a rare demonstration in the literature (Published refereed publication #22, Contributed chapters to books #5-8). On the basis of our findings, we convinced the International Development Research Centre (IDRC) to fund us for *intervention evaluation work* using a multi-pronged strategy in a small set of communities. Here the analyses I led demonstrated an almost one standard deviation improvement on a WHO standardized neurobehavioural outcome battery (Published refereed paper #103).

Ecuadorian colleagues and I scaled up the intervention to multiple communities in three provinces of Ecuador. We analysed the impact of our public health and agriculture interventions using mixed methods and path analysis to demonstrate the important role of community leadership in moderating the intensity of the interventions in each community and the associated changes in knowledge and practices among household members (Published refereed paper #136, lead author a co-supervised Ecuadorian PhD student). Complementary to this was a multilevel analysis I led which demonstrated the persistent effect of community level deprivation on change in a neurobehavioural health outcome between measures collected before and after the interventions, controlling for individual education and household assets (Published refereed

paper #145). This analysis underlines the challenges that public health intervention researchers, program staff and policymakers face in efforts to reduce health inequities – both the lifetime effects of deprivation in people and the historical residue of social deprivation of communities in rural areas.

I have reflected upon these experiences in the broader context of *ecosystem health* approaches in an historical overview of IDRCs fostering of ecohealth research in Latin America (my first application of historical methods- Published refereed paper # 96). An Ecuadorian social epidemiologist-public health physician colleague and I also explored the impacts of the transdisciplinary education we offered to university students through our second project. (Published refereed paper #117). Further, we worked with agronomy, plant pathology and ecology colleagues to challenge global and national policies associated with hazardous pesticide use (Published refereed paper #122). We also involved agricultural and municipal stakeholders in prioritizing and implementing interventions (Published refereed paper #149). Our work has been used by popular movements (indigenous peoples and farmer organizations) and technical colleagues (input to a Food and Agriculture Organization review with the Ministry of Health) to push for an Ecuadorian presidential decree which restricts the use of WHO Category I products (cited in Peer review paper #146).

In another stream of agriculture and health research – agricultural production in and near cities in Africa – I co-led a multi-disciplinary team who combined discovery, integration and application, actively involving stakeholders and policy makers in formulating recommendations and stimulating change during the process of our research (Published refereed paper #101 and Book #2, which I lead and edited). For example, our cross-sectional data on livestock production in Kampala was used to overturn a ban on the keeping of livestock and usher in supportive, corrective bylaws for mitigating risks while maintaining benefits of urban and peri-urban agricultural production.

In western Kenya, we had Bill and Melinda Gates Foundation funding for a quasi-experimental, evaluation of an agriculture and health intervention promoting orange-fleshed sweet potato (Loeche et al, Levin et al, and Webb et al Peer-reviewed grants). Initial results of our two waves of operational research were promising, showing feasibility, acceptability and changes in orange flesh sweet potato production and consumption, and ante-natal care attendance (Peer reviewed presentations, international #113). As the sole epidemiologist on the co-investigator team, I had major responsibility for design, sample size and power estimates (Peer reviewed paper #203), and, with my students, most of the early outputs (Peer reviewed paper #172).

c. **Work-related musculoskeletal disorders (WMSDs)**

Earlier multi-disciplinary research on the *burden, etiology and prognosis, and evaluation of interventions for work-related musculoskeletal disorders* included one of the largest existing *cohort studies* of injured workers with lost time WMSDs (1993 - 1996). It incorporated primary measures of a range of factors which, along with secondary data variables, were predictive of duration of lost-time in multivariable proportional hazards modeling. I led a paper on the role of workers' expectations in the prognosis of work-related musculoskeletal disorders (Part E Published refereed publication # 46). It was cited 97 times, or an average of 8.1 times per year (Web of Science, as of July 2013). This research contributed to changes in Ontario Workplace Safety and Insurance Board policies and increased interest in case management and workplace interventions.

Since 2004, I have led papers on the etiology of WMSDs using a national population survey based cohort (Part E Published refereed publication #52, 24 cites, 2.6/yr) and a fascinating multi-level analysis of an integrated provincial data set demonstrating the role of regional and workplace predictors of health outcomes (Part E peer review publication #123). The important role of workload indicators (surgeries and in-patient days/100 employee working hours) in predicting musculoskeletal health care utilization and days off work was used by my former post-doctoral fellow to inform union-management negotiations in the health sector.

I led a US National Institute of Occupational Safety and Health grant which matched workplace party funding for an extensive program of intervention research on the effects of a “Stop RSI” program in a large newspaper. In analyzing the impacts of the evidence informed interventions for upper extremity musculoskeletal disorders, our team (ergonomist, biostatisticians, me as the epidemiologist) found a main effect in the reduction of period prevalence of neck and upper extremity WMSDs from prior to the intervention. We also used path models to demonstrate the persistent pain among the working population and the contribution of ergonomic interventions to reduction of upper extremity pain and disability (Published refereed paper #90). Our findings were most heartening to the workplace parties. In a sustained ergonomic intervention research program, our multi-disciplinary research team used mixed methods to compare change across sites and reflect upon the role of difficulties in implementing partner-based research and limitations in theories of change current at the time (Published refereed paper #124). Our integration scholarship of systematic reviews (Published refereed paper #109, masters’ student lead author) and our application scholarship of intervention research have both been helpful to workplace parties, health and safety prevention organizations, and policy makers (Ontario Workplace Safety and Insurance Board and Ministry of Labour in particular). Collaboration with such stakeholders made possible a randomization of workplace interventions by health and safety associations, one of the few available in the literature (Published refereed paper #157).

d. Global health

Building on my own longstanding research activities in low- and middle-income countries and suiting the stage of my career, much of my research energy has gone into supporting graduate students in global health research (see Part I on supervision). These include research led by a masters student – a systematic review of qualitative research on child abuse and neglect (Published refereed paper #165) – and a mixed method study exploring gender dimensions in mass treatment for neglected tropical diseases (Published refereed paper #169). Work led by PhD students has included: geographic information systems and childhood anemia and malaria (Published refereed paper #166), concept mapping of lost-to-follow-up in ART care (Published refereed paper # 171), a scoping review of cervical cancer screening (Published refereed paper #158), global health ethics of humanitarian responses to a child lead poisoning outbreak related to artisanal mining (Published chapter #33), and refugee women’s perinatal health (Peer reviewed paper #201). In addition, my mentorship of junior faculty has included support for research production on internet use among community-based rehabilitation workers (Published refereed paper #150), global health governance (Published peer reviewed papers #162 and #170), and social entrepreneurship and mental health (Peer reviewed papers #199 & #202). Complementary to such researcher development, I have led evaluations of global public health training (Published refereed papers #161) research on capacity strengthening and mentorship in

global health research (see Research/Evaluation section of Part H Teaching & Education Statement, and Peer reviewed papers 176, 178, 181, 182, 190).

References

Boyer EL. *Scholarship Reconsidered: Priorities of the Professoriate*. Princeton, NJ, USA: Carnegie Foundation for the Advancement of Learning, 1990, 147 pp

Sarli CC, Dubinsky EK, Holmes KL. Beyond citation analysis: a model for assessment of research impact. *J Med Libr Assoc* 2010;98(1): 17-23 doi:10.3163/1536-5050.98.1.008

Part D – RESEARCH FUNDING

1. PEER-REVIEWED GRANTS

Cole DC, Carpio F, Crissman C, Antle J, Wagonet J. Health effects of pesticide use in Ecuadorian potato production. Rockefeller Foundation Health & Agriculture Divisions, 1993 supplement \$US 60,000 on base of 1991-1993. US \$180,000 (Principal Investigator)

Wells R, Shannon HS, **Cole DC**, Norman R. Electromyography protocols for measurement of exposure in VDT operators. Johns Hopkins University Centre for VDT and Health Research, 1996-1997. \$67,608 (Co-investigator)

Shannon H, **Cole DC**, Eyles J, Scott F, Goel V, Mondloch M. Work and Health: An analysis using data from the National Population Health Survey. NHRDP, Health Canada, 1997-1998. \$34,726 (Co-investigator)

Crissman C, **Cole DC**, Barrera V, Berti P. Human Health and Changes in Potato Production Technology in the Highland Ecuadorian Agro-Ecosystem. International Development Research Centre, 1998-2002. \$194,000 (Co-Principal Investigator)

Beaton DE, **Cole DC**, Hogg-Johnson S, Bombardier C. A multi-pronged approach to the classification of WMSD in VDT workers. John Hopkins University Center for VDT and Health Research, 1999-2000. US\$41,405 (Co-investigator)

Wells R, **Cole DC**, Norman R, Shannon HS, Hogg-Johnson S. Precision and responsiveness of physical exposure measures in an office environment. John Hopkins University Center for VDT and Health Research, 1999-2000. \$182,150 (Co-investigator)

Koehoorn M, **Cole DC**, Hertzman C. Risk factors associated with work-related musculoskeletal disorders and burden of musculoskeletal disorders among a cohort of B.C. health care workers. Workers Compensation Board of British Columbia, 1999-2000. \$46,033 (Co-investigator)

Lewchuk W, Robertson D, Kerr M, **Cole DC**, Landsbergis PA, Schall PL, Haimer AT, Sullivan TJ. A study of work organization and health in the transportation sector. Workplace Safety and Insurance Board, 1999-2001. \$300,000 (Co-investigator)

Strong S, **Cole DC**, Gibson E, Kaplan R, Shannon HS, Sinclair S, Clarke J. Assessment of a person's ability to function at work. Workplace Safety and Insurance Board, 1999-2001. \$95,000 (Co-investigator)

Cole DC, Wainman B, Younglai E, Harper P, Ryan J, Weber JP, Arts M. Contaminant and mechanistic correlates of time to their newborn. Toxic Substances Research Initiative, Health and Environment Canada, 1999-2001. \$186,000 (Principal Investigator)

Cole DC, Hogg-Johnson S, Shannon HS, Hyatt D, Beaton DE, Wells R. WMSDs: Evaluating interventions in office workers. U.S. National Institute for Occupational Health and Safety & National Institutes of Health, 1999-2003. US\$396,354 (Principal Investigator)

Wells R, **Cole DC**, Brawley L, Frazer M, Kerr MS, Kerton R, Neumann P, Norman R. Evaluation of participatory ergonomic interventions in large and small industry. Workplace Safety and Insurance Board, 1999-2001. \$299,431 plus \$270,756 extension 01- July 03 (Co-investigator)

Koehoorn M, **Cole DC**, Hertzman C. Health care utilization and costs associated with musculoskeletal disorders among health care workers. B.C. Workers' Compensation Board, 1999-2001. \$49,000 (Co-investigator)

Koehoorn M, Hertzman C, **Cole DC**. Individual, biomechanical and work organization factors associated with musculoskeletal disorders among a cohort of health care workers. B.C. Workers' Compensation Board, 1999-2001. \$7,672 (Co-investigator)

Koehoorn M, **Cole DC**, Hertzman C, Ostry A, Ibrahim S. Studying the health of health care workers: Focus on long-term disability claims. CIHR, 2001-2003. \$187,448 (Co-investigator)

Cole DC, Hepburn G, Tompa E, Theberge N, Wells R, Barling J, Vezina N, Lanoie P. Workplace Interventions to Reduce Workplace Injuries and Improve Musculoskeletal Health: a program of intervention research. CIHR, 2003-2004. \$99,500 (Principal Investigator)

Cole DC, Diamond M, Campbell M, Jackson S, Silverman F, Wakefield S, Puschak R, Harper P. Centre for Urban Environmental Health. Letter of Intent for Centre for Research Development, 2003. \$10,000 (Principal Investigator)

Hepburn G, Zohar D, **Cole DC**, Kramer D, Ferrier SE. Safety Climate: Measurement, Intervention and Evaluation in a Manufacturing Setting. Grant re-submitted to Workplace Safety and Insurance Board, February 2003, 2003-2005. \$262,443 (Co-investigator)

Myles J, et al. including **Cole DC**. Centre for Research Development on Urban Health. CIHR, May 2003, 2003-2009. Approximately \$2,400,000 (Co-investigator)

Yanggen D, **Cole DC**, Barrera V, Thiele G. Human Health and Changes in Potato Production Technology in the Highland Andean Agro-Ecosystem. IDRC bridge funding, 2003-2004. \$54,000 (Co-investigator)

Wells R, McGill S, Frazer M, Green H, Theberge N, Ranney D, Medley J, MacGregor C, **Cole DC**, Keir P, Moore A, Callaghan J, Haines T, Kerr M, Naqvi S, Potvin J. Centre of Research Expertise for an Action Centre for the Prevention of Work-Related Musculoskeletal Disorders. WSIB, January 2004-2008. \$2,035,000 + renewal (Co-investigator)

Shannon HS, Hogg-Johnson S, Walter S, **Cole DC**, Wells R. The use of individual participant data (IPD) for examining heterogeneity in meta-analysis of observational studies: An application to biomechanical workplace risk factors and low back pain. CIHR, March 2004-2006. \$201,838 (Co-investigator)

Wells R, **Cole DC**, Tompa E, Naqvi S, Frazer M, Theberge N. Evaluation and Sustainability of Ergonomic Interventions. WSIB, February 200, 2004-2006. \$149,175 (Co-investigator)

Bienefeld M, **Cole DC**, Campbell M, Mee C, Vanderlinden L. Evaluating urban pesticide reduction strategies. Centre for Urban Health Initiatives Seed Grant, August 2004; 2004-2005. \$10,000 (Co-principal investigator)

Reynolds J, Yeudall F, **Cole DC**, Wakefield S, Etches V. Mobilizing for Food Security and Health Research in Toronto. Centre for Urban Health Initiatives Seed Grant, August 2004; 2004-2005. \$15,000 (Co-investigator)

Williams A, Barling J, Turner N, **Cole DC**, Tompa E, Ferrier S, Kramer D. Evaluating the effect of transformational leadership on musculoskeletal disorders and minor injuries in the service sector. Centre for Research Expertise – Prevention of Musculoskeletal Disorders and Disability Seed Grant, 2004-5. \$7390 (Co-investigator)

Naqvi S, **Cole DC**, Theberge N, Ferrier S, Chase T. Evaluation of the effect of interventions and establishment of a participative Ergonomics Change Team. Centre for Research Expertise – Prevention of Musculoskeletal Disorders and Disability Seed Grant, 2004-5. \$7500 (Co-investigator)

Theberge N, **Cole DC**, Brooker AS. Social Aspects of Musculoskeletal Disorder (MSD) Prevention in the Workplace: A Review and Synthesis of Relevant Social Science Literatures. Centre for Research Expertise – Prevention of Musculoskeletal Disorders and Disability Seed Grant, 2004-5. \$7500 (Co-investigator)

Van Eerd D, **Cole DC**, Wells RP, Ferrier SE, Tompa E, Theberge N. Evaluating a partner-based participatory intervention for musculoskeletal disorders in a medium-sized workplace. Centre for Research Expertise – Prevention of Musculoskeletal Disorders and Disability Seed Grant, 2004-5. \$7500 (Co-investigator)

Cole DC, Yanggen D, Thiele G. Human Health and Changes in Production Technology of Potato Cropping Systems in the Highland Andean Agro-Ecosystem. Phase Two Proposal: Scaling Up and Out of Research-Intervention Approach. IDRC, 2004-2007. \$498,000 (Co-Principal Investigator)

MacEachen, E., Ferrier, S., **Cole DC**. An Ethnographic Study of Injured Workers' Complex Claims Experiences. WSIB RAC, Feb 2005; September 2005- September 2007. \$88,198 (Co-investigator)

Bigelow, P., **Cole DC**, Ferrier, S., Franche, R., Frazer, Kramer, D., Lee, W., Maracle, S., theberge, N., Wells, R., and Zohar, D. Evaluation of a HSA-initiated Collaborative Partnership to Implement Participatory Ergonomic Programs. WSIB RAC, September 2005-September 2007. \$292,908 (Co-investigator).

Cole DC, Clarke A, Scott L, Hogg-Johnson S. Developing standardized metrics for work disability management – implementation assessment. WSIB RAC Bridging the Gap, September 2005 for 2006. \$59,932 (Principal Investigator).

Mijahovic D, Wells R, **Cole DC**, Naqvi S. Evaluation of the impact of a participatory ergonomics intervention in a medium sized facility. WSIB RAC Bridging the Gap, March 2006-Mar 2007. \$36,650 (Co-Investigator)

Wakefield S, Baxter J, **Cole DC**. Enhancing environmental health protection in a multicultural city: how can we make Toronto's pesticide use reduction program more relevant to ethnic and cultural minorities? SSHRC Multiculturalism Issues in Canada Strategic Research Grant, March 2006-March 2007. \$46,725 (Co-investigator)

St-Vincent M, Denis D, Imbeau D, **Cole DC**. Suivi d'implantation du plan d'intervention TMS de la CSST. IRSST, 2006- 2009. \$1,449,740 (Co-investigator).

Cassidy JD, Côté P, Carette S et al., including **Cole DC**. Centre for Research Expertise in Improved Disability Outcomes. WSIB RAC, 2006-2009. \$2 million ask in project of \$3,750,000. (Co-investigator).

Frache RL, Gibson JB, Clarke A, **Cole DC**, Côté P, Gnam W, Kirsh B, Koehoorn M, MacEachen E, Mustard C, Myette TL. Work disability management and mental health: building front-line capacity. Letter of intent to CIHR, 2006. \$10,000. (Co-investigator).

Van Eerd D, **Cole DC**. Systematic Review of Process & Implementation of Participatory Ergonomic (PE) Interventions. WorkSafeBC, 2006-2007. \$10,750; Manitoba WCB, 2006-2007. \$10,750. (Co-investigator).

Yeudall F, Karanja N, Prain G, **Cole DC**, Randolph TF, Noble R, Sellen D. Combating HIV/AIDS in urban communities through food and nutrition security: the role of women led micro-livestock enterprises and horticultural production in Nakuru town. CIDA, 2006-2009. \$225,000. (Co-investigator)

Cole DC, Bassil K. Use of 911 Ambulance Dispatch Data for the Syndromic Surveillance of Heat-Related Illness in Toronto. Centre for Urban Health Initiatives (CUHI) Seed Grant Award. 2007. \$20,000. (Co-Principal Investigator).

Cole DC, Bassil K, Smoyer-Tomic K. What is the evidence on the applicability and effectiveness of public health interventions to reduce morbidity and mortality during heat episodes? National Collaborating Centre for Environmental Health, 2007. \$45,000 (Co-Principal investigator)

Cole DC, Crissman C, Prain G, Orozco F, Murray D, Thiele G, Forbes G, Ortiz O. Healthy and sustainable horticultural production in the central Andean countries. Canadian International Development Agency, 2007-8. \$499,970 (Principal Investigator)

Steenstra IA, Van Eerd D, **Cole DC**, Amick III BC, Bigelow P. The sensory feedback mouse study, pilot study of a randomized control trial of the effectiveness of sensory feedback in VDU workers. Centre of Research Expertise for the Prevention of Musculoskeletal Disorders, 2008-9. \$10,000.

Van Eerd D, Steenstra I, **Cole DC**, Bigelow P, Amick III BC, Beaton D, Refining exposure measurements in VDU workers: comparison of four methods. Centre of Research Expertise for the Prevention of Musculoskeletal Disorders, 2008-9. \$10,000 (Co-investigator).

Hogg-Johnson SA, Robson L, **Cole DC**, Amick III BC, Smith P, Bigelow P, Tompa E, Mustard C. A randomized controlled study of targeted occupational health & safety consultation in Ontario workplaces. Workplace Safety and Insurance Board Research Advisory Council, Bridging the Gap, July 2008 – June 2009. \$59,700 (Co-investigator)

Amick III B, Van Eerd D, Steenstra I, Smith P, **Cole DC**, Ibrahim S, Tompa E, Bigelow P, Robertson M, Beaton D. A randomized controlled trial of the effectiveness of two office ergonomics training approaches for seated environments: Comparing an in-person to computer-based training. Submitted February 2008 to Workplace Safety and Insurance Board of Ontario Research Advisory Council, June 2008-July 2010. \$235,047 (Co-investigator)

Cole DC, Gyorkos TW, Saunders LD, Labonte R, Hanson LM, Janes C, Neufeld VR. Addressing inequities in global health through training: a trans-Canadian research capacity development program. CIHR Development grant, 2008. \$5000 (Principal Investigator)

Orozco F, Suquillo J, Chacon A, Arevalo J, Arevalo B, **Cole DC**, Narváez N, Molina R, Salazar R, - Espinoza B, Cabascango M, Bolaños R. Social control, human rights and governance: A health promotion approach to the reduction of health risks associated with pesticide use in Carchi, Ecuador. International Development Research Centre, July 2008 - July 2011. \$202,000 (Co-investigator)

Cole DC, Prain G, Cañedo V, Murray D, Pradel W et al. Healthy and sustainable horticultural production in the central Andes. International Development Research Centre, 2008-2010. \$640,000 (Principal Investigator)

Van Eerd D, Amick B, Gibson J, Irvin E, Keown K, Mahood Q, Garcia J, **Cole DC**, Kohn M, Kramer D. Knowledge Transfer and Exchange Practices: A systematic review of the quality and types of performance measures used to assess KTE implementation effectiveness and impact. CIHR 2009-2010. \$100,000 (Co-investigator)

Loechl C, Levin C, **Cole DC**, Low J. Integrating agricultural and health interventions to maximize the nutritional impact of orange-fleshed sweetpotato in Western Kenya: PATH/CIP proof-of-concept project proposal. Bill and Melinda Gates Foundation, 2009-2014. US\$1,302,056 – part of Sweetpotato Action for Security and Health in Africa US\$ 21.25 million, Low J et al. (Co-investigator)

Hogg-Johnson SA, Amick B, **Cole DC**, Mustard C, Robson L, Smith P, Tompa E, Van Eerd D. Firm selection algorithms - comparisons over time. WSIB Ontario Solutions for Workplace Change, February 2010-July 2013. \$72,650 (Co-investigator)

Van Eerd D, **Cole DC**, Irvin E, Keown K, Amick III BC. Dissemination and uptake of a participatory ergonomics guide for workplaces in British Columbia. WorkSafeBC, 2010-2011 \$34,487 (Co-investigator)

Ettyang G, **Cole DC**, Prudhomme-O’Meira W, Obura P, Webb A, Low J, Ochuodho J, Oyunga-Ogubi MA, Spitzer R, Buluku E, Bazinet R, Levin C, Ouedraogo HZ. Agricultural interventions for nutrition: Orange-fleshed sweet potato and indigenous vegetables for pregnant women in Western Kenya. Canadian International Food Security Research Fund (IDRC-CIDA) Development Grant, March 2010. \$10,000. Awarded and declined.

Levin C, Ouedraogo H, **Cole DC**, Webb A, Transgrud R, Low J. Assessing impact of an integrated agriculture and health intervention on micronutrient malnutrition using rapid assessment methods for assessing Vitamin A status. PATH USA, 2011. US\$79,096 (Co-investigator)

Robillard C, McLaughlin J, **Cole DC**, Levy J. Health outcomes of gender-based violence, sexual exploitation and abuse in vulnerable migrations. Canadian Institutes of Health Research

Operating Grant. Priority Announcement on Gender, Sex, and Health Research, April 2011-June 2013. \$93,000 (Co-investigator)

McLaughlin J, Henneby JL, **Cole DC**, Haines AT, Pysklywec M. Overcoming the Barriers: Improving Health Services for Migrant Farm Workers. Workplace Safety and Insurance Board of Ontario. Bridging the Gap Program, February 2011-May 2013. \$40,000 (Co-investigator)

Cole DC, Aslanyan G, Bates I, Kakuma R. Health Research Capacity Development Evaluation: a Realist Review. CIHR Knowledge Synthesis Grant. Improve Health and Promote Health Equity Research Priority Area, March 2011-March 2014. \$90,127 (Principal Investigator)

Cole DC, Rachlis F, Ahmad F, van Lettow M. Concept Mapping with Stakeholders to Inform HIV Programs Addressing Patient Defaulting in Malawi. CIHR Meetings, Planning and Dissemination Grant- Infection and Immunity, August 2011-December 2012. \$9,995 (Principal Investigator)

Orbinski J, McGahan A, Cortinois A, Forman L, Birn AE, Jackson S, Nixon S, Gastaldo D, Muntaner C, Upshur R, Brown A, Jadad A, **Cole DC**, Thorsteinsdottir H, Benatar S, Kirton J. Participatory Governance in Primary Health Care for Greater Equity in Global Health. Letter of Intent for Connaught Global Challenge Fund, December 2011-April 2012. \$10,000 (Co-investigator)

Webb A, Grant F, Low J, **Cole DC**, Levin C, Erhardt J, Boyd Barr D, Mahungu S, Kariuki S. Cohort Vitamin A Study, nested within mama-SASHA. Bill and Melinda Gates Foundation, July 2012-November 2014. US\$1,300,000 (Co-investigator)

Songok JJ, Christoffersen-Deb A. Chemwolo B, Ruhl L, Menya D, **Cole DC**, Prudhomme O'Meira W, Fazan L. Chama cha MamaToto: Evaluating a peer support mechanism to improve maternal and infant health. Sub-component of Saving Lives at Birth research programme, October 2012-May 2014. 700,000 KSh (about CDN\$85,000) (Co-investigator)

Kidd SA, Muskat E, Aylward D, McKenzie K, **Cole DC**, Wiljer D. Unpacking Social Impact: Examining the Scalability of Top Tier Social Innovators in Mental Health. Grand Challenges Canada, Oct 2013- Sept 2015. (CDN \$247,827) (Co-investigator)

Bozek P, Levitsky M, Patel JB, Coelin L, Malik O, **Cole DC**. A Toolkit to Protect Workers, Children and Families from Occupational Risks. Grand Challenges Canada, Stars in Global Health, Round 6, Phase 1. April 2014 - Oct 2015. (CDN \$112,000) (Co-investigator)

Urquia M (Nominated PA); Joel Ray (Co-PA); Jennifer Blake, **Donald Cole**, Anita Gagnon, Rahim Moineddin, Yogendra Shakya, Susitha Wanigaratne (Co-Applicants). Maternal and Perinatal Health among Refugees in Canada. Canadian Institutes for Health Research Operating Grant. July 2014- Aug 2016 (CDN\$142,576) (Co-Applicant)

Escobar M, Mazumder A, Smith JQ, Deardon R, **Cole DC**, Cranfield J, Tarasuk V. Novel Probabilistic Methods for Decision Support Systems for food Security in Canada. Canadian Statistical Sciences Institute (CANSSI) (\$19,900). Awarded Oct 2015, for May 2016 workshop. (Co-Applicant)

Braitstein P, Keino S, Sellen D, Yego F, Fox A, Tabu S, Chockalingham A, Koskei P, Mburu N, **Cole DC**. Nutrition, food security and resilient adaptation to climate change in Canada and East Africa. CIHR Meeting Grant (CDN\$15,000). Jan-Dec 2016. (Co-Applicant)

Sherwood S, Paredes M, Berti P, Batal M, Oyarzun P, **Cole DC**, Lopez P, Borja R. Strengthening impact of the Healthy Food Consumption Campaign “250,000 Families in Ecuador” IDRC Food, Environment & Health No. 108162-001, 2016 Jan – 2019 Mar (USA\$929,675 = CDN\$ 1,171,965) (Co-Investigator)

Guernsey JR, **Cole DC**, Ryan C, Whelan WM, Kim JS, Martin RC with Farquharson J, Stryhn H, Hacault M, Somers G, Loo S, Sweeney C. An Investigation of an Integrated Intersectoral Prevention Strategy and Its Effectiveness in Mitigating the Impacts of Agricultural Production Challenges on Human and Ecosystem Health in PEI. CIHR Team Grant: Environments and Health: Intersectoral Prevention Research. LOI. 2016 Feb- 2016 July (CDN\$50,000) (Co-Principal Applicant)

Parkes M, Allison S, Hallstrom LK, Harder HG, Stephen C, Surette C, Takaro TK with Adams E, Beck L, Brisbois B, Bunch M, Buse C, Cleary E, **Cole DC**, Cross N, De Leeuw S, Gislason M, Greenwood M, Lemire M, Marks R, Marshall D, Reschny J, Saint-Charles J, Vaillancourt C, Viganò J, Woollard R. The ECHO Network (Environment, Community, Health Observatory): Strengthening intersectoral capacity to understand and respond to Health Impacts of Resource Development. CIHR Team Grant: Environments and Health: Intersectoral Prevention Research. LOI. (CDN\$49,826) & Full application (CDN\$ 2,083,753) 2016 Dec – 2021 Dec (Co-Applicant)

Submitted

Dodd W, Lau L, Wei X, Cole DC, Lee S, Lim K, Little M. Priority setting to address the social determinants of tuberculosis infection and care among income-poor households in the Philippines. CIHR Planning and Dissemination Grant – Institute Community Support. (2018-9) \$20,000 (Co-Applicant)

Yego F, Keino S, Wachira J, Braitstein P, Cole DC, Saarela O, Aimone A, Horton S, Nzove B, Vedanthan R, Carter J. Scalability of an asset-based climate-smart agricultural strategy to improve agricultural output, household socioeconomic status and the nutrition and cardiopulmonary health of rural women and children in East Africa. IDRC CultAF Phase 2. (2018-2022) (\$2,984,263)

Under Revision/In Preparation

Gardner C, et al. including Cole DC. Community Design for Better Health – the role of Public Health Units. Public Health Ontario Locally Driven Collaborative Project in Healthy Environments. \$200,000. (Academic Advisor)

2. NON-PEER REVIEWED GRANTS

Kearney J, **Cole DC** et al. Anglers' pilot exposure assessment study. Health and Welfare Canada, Health Protection Branch, 1992-1994. \$250,000 (Co-investigator)

- Sinclair SJ, **Cole DC**, Frank JW et al. Early claimant cohort study. Ontario Workers' Compensation Institute and Workers' Compensation Board of Ontario, 1993-95. \$200,000 (Co-investigator)
- Dodin S, Lebel G, Lemay A, Villeneuve M, Maheux R, Berube S, **Cole DC**, Hughes E, Ferron L: Organochlorés et endometriose: une étude pilote. Health Canada, Health Protection Branch, 1994-95. \$99,778 (Co-investigator)
- Pengelly LD, **Cole DC**. Indicators of air quality in areas of concern: Pilot Study. Health Canada, Health Protection Branch, 1994-95. \$40,000 (Co-investigator)
- Riedel D, Kraft D, **Cole DC**, Owen S et al. High risk groups' fish and wildlife nutrition project. Health Canada, Health Protection Branch, 1995-96. \$168,700 (Co-investigator)
- Kearney K, **Cole DC**. Exposure assessment study development. Health Canada, Health Protection Branch, 1995-96. \$14,000 (Co-principal investigator)
- Pengelly LD, Silverman F, **Cole DC**, Eyles J. Indicators of air quality in areas of concern: implementation of criteria developed from pilot study. Health Canada, 1995-96. \$73,640 (Co-investigator)
- Cole DC**, Collins J, Mugga H, Foster W et al: Time to pregnancy and environmental exposures. Health Canada and FL Johnson Fund, 1996-97. \$40,000 (Principal Investigator)
- Cole DC**, Shannon HS, Beaton DE et al. Phase II: RSI Watch. Toronto Star/Southern Ontario Newspaper Guild and Institute for Work & Health, 1996-98. \$75,000 each for total of \$150,000 (Principal Investigator)
- Cole DC**, Sheeshka J, Kearney J, Eyles J et al: Great Lakes fish eaters project: dietary survey and assessment of potential health risks and benefits. Health Canada, 1996-97 - \$227,500; 1997-98 - \$169,000; 1998-99 - \$69,000 (Principal Investigator)
- Cole DC**, Sheeshka J, Kraft D, Owens S, Eyles J et al: Sport fish and wildlife study in areas of concern. Health Canada, 1996-97 -\$145,000; 1997-98 - \$108,000; 1998-99 - \$95,000 (Co-Principal Investigator)
- Elliott S, **Cole DC** et al. Community action on air quality. Hamilton Community Foundation 1998-2000. \$35,000 (Co-investigator)
- Frank JW et al including **Cole DC**, Ontario, Quebec and Manitoba Project Working Groups. Evidence-based tools for return-to-work: WorkReady II. HEALNet, 1998-99. \$130,000 (Co-investigator)
- Wells, RW, Norman R, Frazer M, Neumann P, Shannon HS, Kerr M, **Cole DC**. Evaluating Workplace Interventions. HEALNet, 1998-99. \$55,225 (Co-investigator)
- Lavis J, **Cole DC**, Jadad A, Shannon HS, Woodward C. Conceptualization of evidence in the workplace (HEALNet, 1998-99 \$10,000) and an analysis of primary stakeholders perspectives of "healthy workplaces". HEALNet, 1998-99. \$25,000 (Co-investigator)
- Shannon HS, Eakin J, Kerr M, **Cole DC**, Robson L. Workplace Performance Measures. HEALNet, 1998-99. \$55,000 (Co-investigator)
- Cole DC**, Hogg-Johnson S et al. Phase III: STOP RSI. Toronto Star/Southern Ontario Newspaper Guild, 1999-2000. \$144,000 (Principal investigator)

Robson L, Shannon HS, **Cole DC**, Kerr MS, Eakin J, Polanyi MF, Brooker A-S, Sale J, Ibrahim SA. Collaborative research-workplace-stakeholder development of a “healthy workplace” performance assessment tool. HEALNet, 1999-2002. \$203,314 (Co-investigator)

Norman R, Wells R, Neumann P, **Cole DC**, Shannon HS, Kerr MS. Assessment of the effectiveness of evidence-based ergonomic decision in workplaces on prevention of work-related musculoskeletal disorders. HEALNet, 1999-. \$274,000 (Co-investigator)

Stock S, Baril R, Durand M-J, Rossignol M, **Cole DC**, Wells R, Lau F, Moehr J, Guzman J. Developing and evaluating tools to facilitate evidence-based decisions on return to work measures in the electric and electronic sectors. HEALNet, 1999-2002. \$258,745 (Co-investigator)

Lemieux-Charles L, Champagne F, Barnsley J, Sicotte C, Robson L, **Cole DC**, Kerr M, Zitner D, McGuire W. Multi-level Performance Measures for the Accreditation of Canadian Health Care Organizations. HEALNet. 1999-2002. \$125,000 (Co-investigator)

Cole DC. Health impacts of urban and peri-urban agriculture. University of Toronto Connaught Fund, 2001-2002. \$10,000 (Principal investigator)

Prain G, **Cole DC**, Lee-Smith D, Diamond M, Kapinga R. Urban agriculture in Kampala, Uganda – health impact assessment and options for improvements. Canadian International Development Agency, 2002-2005. \$150,000 (Co-Principal investigator)

Theberge N, **Cole DC**, Frazer G, Wells R. Workplace Interventions to Reduce Occupational Injuries. CIHR-UW seed grant, October, 2002. \$6000 (Co-investigator)

Nasinyama G, McDermott J, Omoro A, Staal S, **Cole DC**. Characterizing and assessing the benefits and risks of Urban and Peri-urban (UPA) Livestock Production in Kampala City, Uganda. Strategic Initiative on Urban and Peri-urban Agriculture and International Development Research Centre, 2003-2004. \$45,000 (Co-investigator)

Ontario College of Family Physicians Environment Committee (Kasperski MJ, Sanborn M, **Cole DC**, Kerr K, et al. Pesticides and children’s health: Literature review. Laidlaw Foundation, 2003. \$40,000 (Co-investigator)

Cole DC, Clarke A, Scott L, Hogg-Johnson S, Mustard C. Workplace disability management benchmarking collaborative. Financial service sector contributions from five organizations to date, Fall 2006-Fall 2007. \$50,000 (Principal Investigator)

Cole DC, Neufeld VR, Kahwa E, Mejia R, McCullough H, Mutiso V, Ndeti D, Beagrie L, Harms S, Hatfield J. Mentorship in Global Health Research. Global Health Research Initiative, Jan 2013-Oct 2013. \$50,195 (Principal Investigator)

Plamondon K, Neufeld V, **Cole DC**, Janes C, Hatfield J, Chatwood S, Gyorkos T, Berti P, O’Hearn S. Gathering perspectives on the role of research in a Canadian strategy for global health. Global Health Research Initiative, Mar 2013-Oct 2013. \$50,100 (Co-investigator)

St.Charles,J, Betancourt O, Medel J, Morrison K, Mertens F, Parkes M, Riojas H, Aguilar RA, Bonilla DH, Bunch M, **Cole DC**, Gonzales AL, Guimares JR, Mergler D, Para M, Quesada R, Sousa Passos CJ, Stephen C, Surette C, Souza Tavora R, Vaillancourt C, Woolard R. Pan-American Partnership for the strengthening of research, policy and practice at the intersection of health, ecosystems and society. IDRC, Sept 2013-Mar 2017. \$309,600 (Co-investigator)

Neufeld VR, **Cole DC**, Hanney S, Bates I. Evaluation of Global Health Research for Development. Global Health Research Initiative, Jan 2014-Oct 2014. \$46, 995 (co-Principal Investigator)

Cole DC, Copes R, Wiseman C, Chakravartty D, Archbold J. Biomonitoring of Newcomer Women from South and East Asia in the Greater Toronto Area. Health Canada, Healthy Environments and Consumer Safety Branch, CMP Monitoring & Surveillance Fund. Sept 2014 – Sept 2016 (\$ 312,225) (co-Principal Investigator)

Sanborn M, Grierson L, Upshur R, **Cole DC**, Vakil C, Marshall L. Survey of environmental health concerns, knowledge and learning needs of family medicine residents. Ontario College of Family Physicians January 2015- June 2017 (CDN \$6928) (Co-Applicant)

In preparation

Wiseman C, Copes R, Cole DC. Metals in Privately Imported Projects. To Public Health Ontario. \$78,000. Fall 2018 -2019 (Co-Applicant)

3. Personal Salary Support

November 1993-96 EcoResearch Tri-Council (MRC, SSHRC, NSERC), Research Fellowship in Environmental Epidemiology (Embedded in Ecosystem Health Chair, approximately 50k/yr x 3 years)

(Trainee awards and salary support included in Part I, Supervision.)

Part E PUBLICATIONS

Researcher ID: K-1040-2013 ORCID 0000-0002-1009-603X

1. REFEREED PAPERS

PUBLISHED PAPERS

(Underling indicates supervised graduate student or post-doctoral fellow. PA means Principal Author; SRA is Senior Responsible Author; Co-PA is Co-Principal Author; CA is Co-Author.)

1. **Cole DC**, Murray DL, McConnell R, Pacheco Anton F. Pesticide illness surveillance: The Nicaraguan experience. PMID: 3167281 PAHO Bulletin January 1988;22(2):119-132 (SRA)
2. **Cole DC**, Heath B, Chase R, Cherry C. Local partnerships for healthy workplaces and communities - an Ontario experience. PMID: 22910704 New Solutions July 1992;2(4):22-25 (SRA)

3. Willms DG, Lange P, Bayfield D, Beardy M, Lindsay EA, **Cole DC**, Johnson NA. A lament by women for "the people, the land" [Nishnawbi-Aski Nation]: an experience of loss. PMID: 1473055 Can J Public Health September 1992;83(3):331-334 (Co-PA)
4. Chase RM, Liss GM, **Cole DC**, Heath B. Toxic health effects including reversible macrothrombocytosis in workers exposed to asphalt fumes. PMID: 8147400 Am J Ind Med February 1994;25(2):279-289 (Co-PA)
5. Crissman C, **Cole DC**, Carpio F. Pesticide use and farm worker health in Ecuadorian potato production. Am J Agric Econ August 1994; 76(3):593-597; doi: 10.2307/1243670 (Co-PA)
6. Hudak PL, Amadio PC, Bombardier C and the Upper Extremity Collaborative Group (includes **Cole DC**). Development of an upper extremity outcome measure: the DASH (Disabilities of the Arm, Shoulder and Hand). PMID: 8773720 Am J Ind Med June 1996;29(6):602-608 (CA)
7. **Cole DC**, Hudak PL. Understanding prognosis of non-specific work related musculoskeletal disorders of the neck and upper extremity. PMID:8773726 Am J Ind Med June 1996;29(6):657-668 (SRA)
8. Stock SR, **Cole DC**, Tugwell P, Streiner D. Review of applicability of existing functional status measures to the study of workers with musculoskeletal disorders of the neck and upper limb. PMID: 8773728 Am J Ind Med June 1996;29(6):679-688 (Co-PA)
9. George L, Hunter W, Scott FE, Siracusa L, Buffett C, Ostofi G, Zinkewich R, **Cole DC**. The mercury emergency and Hamilton school children: a follow-up analysis. PMID: 8870298 J Environ Health July-August 1996;58(8):6-10 (CA)
10. Hudak PL, **Cole DC**, Haines AT. Understanding prognosis to improve rehabilitation: the case of lateral elbow pain. PMID: 8831477 Arch Phys Med & Rehab June 1996;77(6):586-593 (Co-PA)
11. George L, Scott FE, **Cole DC**, Siracusa L, Buffet C, Hunter W, Zinkewich R. The mercury emergency and Hamilton school children: A follow-up analysis. PMID: 8870298 Can J Public Health July 1996;87(4):224-226 (CoPA)
12. **Cole DC**, Tarasuk V, Frank JW, Eyles J. Research responses to outbreaks of concern about local environments. PMID: 8896384 Arch Environ Health September 1996;51(5):352-358 (PA)
13. Cavan KR, Gibson BL, **Cole DC**, Riedel D. Fish Consumption by Vietnamese women immigrants: a comparison of methods. PMID: 9012324 Arch Environ Health November 1996;51(6):452-457 (Co-PA)
14. **Cole DC**, Kearney JP. Blood cadmium, game consumption and tobacco smoking in southern Ontario anglers and hunters. PMID: 9094805 Can J Public Health January 1997;88(1):44-46 (PA)
15. **Cole DC**, Kearney J, Ryan JJ, Gilman AP. Plasma levels and profiles of dioxin and dioxin-like compounds in Ontario Great Lakes anglers. Chemosphere March 1997;34(5):1401-1409; doi: 10.1016/S0045-6535(97)00437-2 (PA)

16. **Cole DC**, Carpio F, Julian J, Leon N, Carbotte R, De Almeida H. Neurobehavioural outcomes among farm and non-farm rural Ecuadorians. PMID: 9253006 *Neurotoxicol & Teratol* July 1997;19(4):277-286 (SRA)
17. Ross N, Eyles J, **Cole DC**, Iannantuono A. The ecosystem health metaphor in science and policy. *Canadian Geographer* June 1997;41(2):114-127; doi: 10.1111/j.1541-0064.1997.tb01152.x (CA)
18. **Cole DC**, Carpio F, Julian J, Leon N. Dermatitis in Ecuadorean farm workers. PMID: 9255479 *Contact Dermatitis - (Environmental and Occupational Dermatitis)* July 1997;37(1):1-8 (SRA)
19. Polanyi MFD, **Cole DC**, Beaton DE, et al. Upper limb work-related musculoskeletal disorders among newspaper employees: cross-sectional survey results. PMID: 9358919 *Am J Ind Med* December 1997;32(6):620-628 (Co-PA)
20. Jerrett M, Eyles J, **Cole DC**, Reader S. Environmental equity in Canada: an empirical investigation into the income distribution of pollution in Ontario. *Environment and Planning A* January 1997; 29(10): 1777-1800; doi:10.1068/a291777 (Co-PA)
21. Frank JW, Sinclair S, Hogg-Johnson SA, Shannon HS, Bombarier C, Beaton DE, **Cole DC**. Preventing disability from work-related low-back pain: new evidence gives new hope - if we can just get all the players onside. PMID: 9645178 *CMAJ* June 1998;158(12): 1625-1631 (CA)
22. Antle JM, **Cole DC**, Crissman CC. Further evidence on pesticides, productivity and farmer health: potato production in Ecuador. *Agriculture Economics* March 1998;18(2):199-207; doi:10.1016/S0169-5150(98)80008-X (CA)
23. Jerrett M, Eyles J, **Cole DC**. Socioeconomic and environmental covariates of premature mortality in Ontario. PMID: 9683377 *Soc Sci Med* July 1998;47(1):33-49 (Co-PA)
24. **Cole DC**, Eyles J, Gibson BL. Indicators of human health in ecosystems: what do we measure? PMID: 9926436 *Sci Total Environ* December 1998;224(1-3):201-213 (PA)
25. **Cole DC**, Carpio F, Julian J, Leon N. Assessment of peripheral nerve function in an Ecuadorean rural population exposed to pesticides. PMID: 9761129 *J Toxicol Environ Health* September 1998;55(2):77-91 (SRA)
26. **Cole DC**, Eyles J, Gibson BL, Ross N. Links between humans and ecosystems: the implications of framing for health promotion strategies. *Health Promotion International* January 1999;14(1):65-72; doi: 10.1093/heapro/14.1.65 (PA)
27. Bell W, Yassi A, **Cole DC**. On PMW and two-stroke engines: health and environmental alert. PMID: 9789655 *Can Fam Physician* September 1998;44:1775-7,1787-90 (Co-PA)
28. Hudak PL, **Cole DC**, Frank JW. Perspectives on prognosis of soft tissue musculoskeletal disorders. PMID: 9924664 *Int J Rehabilitation Research* March 1998;21(1):29-40 (Co-PA)
29. **Cole DC**, Pengelly LD, Eyles J, Stieb DM, Hustler R. Consulting the community for environmental health indicator development: the case of air quality. *Health Promotion International* June 1999;14(2):145-154; doi: <http://dx.doi.org/10.1093/heapro/14.2.145> (PA)

30. Kearney JP, **Cole DC**, Ferron LA, Weber JP. Blood PCB, p,p'-DDE, mirex, mercury and lead levels in Great Lakes fish and waterfowl consumed in two Ontario communities. PMID: 10092427 *Environ Res* February 1999; Section A 80, S138-S149 (Co-PA)
31. **Cole DC**, Upshur R, Gibson BL. Environmental burden of human illness: scoping the problem. *Alternatives* Summer 1999;25(3): 26-32 (PA)
32. Bell W, Arm S, **Cole D**, Yassi A. Misleading information. (Letter) PMID: 10509212 *Canadian family physician Médecin de famille canadien* September 1999;45:2038, 2040 (Co-A)
33. Elliott SJ, **Cole DC**, Krueger P, Voorberg N, Wakefield S. The power of perception: health risk attributed to air pollution in an urban industrial neighbourhood. PMID: 10765426 *Risk Anal* August 1999;19(4):621-634 (Co-PA)
34. Arbuckle T, Schrader S, **Cole DC**, Hall C, Bancej C, Turner L, Claman P. 2,4-D Residues in semen of Ontario farmers. PMID: 10613390 *Reprod Toxicol* November 1999;13(6):421-429 (Co-PA)
35. Davis AM, Beaton DE, Hudak P, Amadio P, Bombardier C, **Cole DC**, Hawker G, Katz JN, Makela M, Marx RG, Pennett L, Wright JG. Measuring disability of the upper extremity: a rational supporting the use of a regional outcome measure. PMID: 10622192 *J Hand Ther* October 1999;12(4):269-274 (CA)
36. **Cole DC**, Carpio F, León N. Economic burden of illness from pesticide poisonings in highland Ecuador. PMID: 11036430 *Pan American Review of Public Health* September 2000;8(3):196-201 (SRA)
37. Beaton DE, **Cole DC**, Manno M, Bombardier C, Hogg-Johnson S, Shannon HS. Describing the burden of upper extremity musculoskeletal disorders in newspaper workers: What difference do case definitions make? *J Occup Rehab* March 2000;10(1):39-53; doi: 10.1023/A:1009489712094 (Co-PA)
38. Lee K, **Cole DC**. Workplace health promotion in Ontario public health units: Results of a survey of attendees of the 2000 Health Promotion Ontario Spring Conference focusing on workplace health promotion. *PHERO (Public Health & Epidemiology Report Ontario)* 2000;11(8):200-205 (Co-PA)
39. Anger WK, Liang Y-X, Nell V, Kang S-K, **Cole DC**, Bazylewicz-Walczak B, Rohlman DS, Sizemore OJ. Lessons learned: 15 years of the WHO-NCTB. PMID: 11130289 *Neurotoxicology* October 2000;21(5):837-846 (CA)
40. Brooker A-S, **Cole DC**, Hogg-Johnson S, Smith J, Frank JW, and the Early Claimant Cohort Prognostic Modeling Group. Modified work: Prevalence and characteristics in a sample of workers with soft tissue injuries. PMID: 11285876 *J Occup Environ Med* March 2001;43(3):276-284 (Co-PA)
41. Swift M, **Cole DC**, Beaton DE, Manno M, Worksite Upper Extremity Group. Health care utilization and workplace interventions for neck and upper limb problems among newspaper workers. PMID: 11285875 *J Occup Environ Med* March 2001;42(3):265-275 (SRA)

42. Mondloch MV, **Cole DC**, Frank JW. Does how you do depend upon how you think you'll do?: a structured review of the evidence for relation between patients' recovery expectations and outcomes. PMID: 11501456 CMAJ July 2001;165(1):174-179 (Co-PA)
43. Ibrahim SA, **Cole DC**, Scott F, Shannon HS, Eyles J. Job strain and self-reported health among working women and men: An analysis of the 1994/5 Canadian National Population Health survey. PMID: 11523634 Women & Health January 2001;33(1-2):105-124 (Co-PA)
44. **Cole DC**, Ibrahim SA, Shannon HS, Scott F, Eyles J. Work correlates of back problems and activity restriction due to musculoskeletal disorders in the Canadian National Population Health Survey (NPHS) 1994/95 Data. PMID: 11600729 Occup Environ Med November 2001;58(11):728-734 (PA)
45. Wakefield S, Elliott S, **Cole DC**, Eyles J. Environmental risk and (re)action: air quality, health, and civic involvement in an urban industrial neighbourhood. PMID: 11439253 Health and Place September 2001;7(3):163-177 (Co-PA)
46. **Cole DC**, Mondloch MV, Hogg-Johnson S. ECC Prognostic Modeling Group. Listening to injured workers: how do recovery expectations predict outcomes? PMID: 11944761 Can Med Assoc J March 2002;166(6):749-754 (SRA)
47. Sanborn M, Abelsohn A, **Cole DC**, Weir E. Identifying and managing the health effects of toxic environmental exposures: pesticides. PMID: 12054413 CMAJ May 2002;166(11):1431-1436. (Co-PA)
48. **Cole DC**, Wells RP. Interventions for musculoskeletal disorders in computer intense office work: a framework for evaluation. Work & Stress April-June 2002;16(2):95-106; doi: 10.1080/02678370210137751 (PA)
49. Arbuckle TE, Burnett R, **Cole DC**, Teschke K, Bancej C, Zhang J. Predictors of herbicide exposure in farm applicators. PMID: 12070637 Int Arch Occup and Environ Health August 2002;75(6):406-414 (Co-PA)
50. **Cole DC**, Manno M, Beaton D, Swift M. Transitions in self-reported musculoskeletal pain and interference with activities among newspaper workers. PMID: 12228947 J Occup Rehab September 2002;12(3):163-174 (SRA)
51. **Cole DC**, Sherwood S, Crissman C, Barrera V, Espinosa P. Pesticides and Health in Highland Ecuadorian Potato Production: Assessing impacts and developing responses. PMID: 12358074 Int J Occup Environ Health July 2002; 8(3):182-190 (SRA)
52. **Cole DC**, Ibrahim S, Shannon HS, Scott F, Eyles. Work and life stressors and psychological distress in the Canadian working population: a structural equation modeling approach to analysis of the 1994 National Population Health Survey. PMID: 12443565 Chronic Diseases in Canada June 2002;23(3):91-99 (PA)
53. **Cole DC**, Sheeshka J, Kearney J, Scott F, Ferron LA, Weber J-P, and the Fish and Wildlife Nutrition Project. Dietary intakes and plasma organochlorine contaminant levels among Great Lakes fish eaters. PMID: 12641195 Arch Environ Health September 2002;57(5):496-509 (SRA)
54. Morris RD, **Cole DC**. Environmental Health Surveillance: indicators for freshwater ecosystems. PMID: 12425174 Can J Public Health September 2002;93(1);S39-44 (Co-PA)

55. Driedger M, Eyles J, Elliott S, **Cole DC**. Constructing scientific authorities: Issue framing of chlorinated disinfection by-products in public health. PMID: 12224751 Risk Anal August 2002;22(4):789-802 (Co-PA)
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ACCEPTED OR IN-PRESS REFEREED PAPERS:

1. Yarmoshuk A*, **Cole DC**, Mwangi M, Guantai A, Zarowsky C. What makes international global health university partnerships higher-value? An examination of partnership types and activities favoured at four East African universities. *Annals of Global Health* (Co-A)
2. Sritharan J, MacLeod J, Harris S, **Cole DC**, Harris A, Tjepkema M, Peters PA & Demers PA. (2017b). Prostate cancer surveillance by occupation and industry: the Canadian census health and environment cohort (CanCHEC). *Cancer Medicine* (Co-A)
3. Mulligan K, Archbold J, Baker LE, Elton S, **Cole DC**. Toronto municipal staff and policy makers' views on urban agriculture and health: a qualitative study. *Journal of Agriculture, Food Systems and Community Development* (SRA and corresponding author)
4. Manderson L, Göran Bondjers, Chimaraoke Izugbara, **Donald C Cole**, Omar Egesah, Akinyinka Omigbodun, Alex Ezeh and Sharon Fonn. Enhancing PhD supervision in African universities. *J Higher Education in Africa* (Co-A & corresponding author)

SUBMITTED REFEREED PAPERS:

1. Lau L, Lim K, **Cole DC**. Differential Program Effect due to Baseline Heterogeneity in Households. Evidence from a Poverty Alleviation Program in the Philippines. To: *Journal of Development Effectiveness* (Co-A)
2. Lindsey Falk*, Paul Bozek, Lissa Ceolin, Marianne Levitsky, Om Malik, Jagdish Patel, Mercedes Sobers*, **Donald Cole**. Reducing agate dust exposure in Khambhat, India: Protective practices, barriers, and opportunities. To: *International Journal of Occupational & Environmental Health* (SRA)
3. **Cole DC**, Parkes M, Saint-Charles J, Webb J, Gislason M, McKellar K. Engaging with content and process in capacity strengthening in ecosystem approaches to health – experience of the Community of Practice in Ecosystem Health – Canada. To: *Transformative Dialogues* (PA)
4. Sanborn M, Grierson L, Upshur R, Marshall L, Vakil C, Griffith L, Scott F, Benusic M, **Cole D**. (2018). Environmental health knowledge, attitudes and clinical practices of family medicine residents: a multiprogram survey. To: *Canadian Family Physician*

PAPERS UNDER REVISION/IN PREPARATION:

Paula Braitstein, Susan Keino, Tenzin Lama, Faith Yego, Branka Gladanac, Ashley Aimone, John Tabu, **Donald Cole**, Carren Tarus, Andrea Cortinois, Pooja Shah, Ann Fox, Florence Kemboi, Lisa Forman, Peter Kosgei, Daniel Sellen, Mburu Njoroge, Howard Hu. Kuwa Tayari (Be Prepared): Finding pathways to food and nutrition security resilience in response to climate change in East Africa. For: *International Journal of Environmental Research and Public Health* (Co-A)

Aimone A, Cole DC, Susan Keino, Andrea Cortinois, Simon M Njoroge, Paula Braitstein. Human health impacts and transboundary implications of dams: a scoping review. For: *Science of the Total Environment*

C.L.S. Wiseman, A. Parnia, D. Chakravartty, J. Archbold, R. Copes, D. Cole. Total, methyl and inorganic mercury concentrations in blood and environmental exposure sources in newcomer women. For: *Environmental Research*

Rachlis B*, van Lettow M, Escobar M, Ahmad F, Orbinski J, **Cole DC**. Predictors of Losses to Follow-Up and a Return to Care in an Antiretroviral Therapy (ART) Program in Zomba, Malawi. For: *J AIDS* (SRA)

A Christoffersen-Deb, JW Snelgrove, L Ruhl, J Songok, J Elung'at, M Atieno, C Ochieng, D Cole. Increasing pregnancy health services uptake through integrated peer support groups in kenya: a prospective cohort study. For: *BMC Pregnancy and Childbirth* (Co-A)

Perumal N*, Bassani DG, **Cole D**, Zlotkin S, Barros A, Santos I, Matijasevich A, Barros F, Roth DE. Effect of gestational age-corrected age on population-based measures of associations between infant linear growth and prenatal exposures/postnatal outcomes. For: *Epidemiology*

P. Niall Byrne, Donald C Cole, Cynthia Whitehead. Strategic planning in health professions education. For: *Academic Medicine*

Lincoln Lau*, Melinda Gill, Marsha Pelletier, **Cole DC**. A Comparison of Site-Based versus Home-Based Child Malnutrition Treatment Programs. For: undetermined (Co-A)

Wanigaratne S*, Yogendra Shakya; **Donald C Cole**; Rahim Moineddin; Anita Gagnon; Meb Rashid; Jennifer Blake; Mark Yudin; Doug Campbell; Joel G Ray; Marcelo L Urquia. Refugee migration pathways and HIV. For: undetermined (Co-A)

2. BOOKS/MONOGRAPHS/CHAPTERS

PUBLISHED BOOKS AND MONOGRAPHS: (as author or editor)

1. **Cole DC.** Evaluation of early intervention for neck and upper extremity repetitive strains by human factors specialists and occupational therapists. MSc thesis. McMaster University, Hamilton. June 1991. 278 pp. (PA)
2. **Cole DC, Lee-Smith D, Nasinyama GW (eds).** Healthy City Harvests: Generating evidence to guide policy on urban agriculture. CIP (International Potato Center)/Urban Harvest, Lima, Peru and Makerere University Press. 2008. 259 pp
www.fao.org/fileadmin/templates/FCIT/PDF/healthy_city_harvestes.pdf (SRA)

Also, the following chapters in the book:

- Lee-Smith D, **Cole DC.** Ch 1. Can the city produce safe food? Pp 3-13 (co- author, 35% contribution) (CoPA)
- **Cole DC, Grace D, Diamond M.** Ch 3. Researchers' approaches to evidence on agriculture and human health. Pp 31-47 (PA)
- Sebastian R*, Lubowa A, Yeudal F, **Cole DC, Ibrahim S.** Ch 5. The association between household food security and urban farming in Kampala. Pp 69-87 (Co-PA)
- Yeudall F, Sebastian R*, Lubowa A, Kikafunda K, **Cole DC, Ibrahim S.** Ch 6. Nutritional security of children of urban farmers. Pp 89-103 (CA)
- Nabulo G, Oryem-Origa H, Nasinyama GW, **Cole DC, Diamond M.** Ch 7. Assessment of heavy metal contamination of food crops in wetlands and from vehicle emissions. Pp 111-131 (CA)
- Prain G, Lee-Smith D, **Cole DC.** Ch 13. Urban governance for healthy and sustainable cities: the role of agriculture. Pp 231-244 (Co-PA)

BOOK REVIEWS

Cole DC. More inclusive ambitions for public Health. *EcoHealth* 2014;11 (March) :442–443
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http://download.springer.com/static/pdf/774/art%253A10.1007%252Fs10393-014-0915-1.pdf?auth66=1397247672_7bb019cfd9e1f5f3c600ac7eb6147f05&ext=.pdf

Cole DC. Transnational exposures and globalization – What is to be done? *New Solutions: a Journal of Environmental and Occupational Health Policy* 2015; vol. 25, 3: pp. 411–414., first published on August 27, 2015

PUBLISHED CONTRIBUTIONS TO A COLLECTIVE WORK/BOOK CHAPTERS:

1. **Cole DC.** Ensuring safe use of pesticides in developing countries. In: ReVelle P, ReVelle C (eds). The global environment securing a sustainable future. Boston, London: Jones & Bartlett 1992 (PA)

2. **Cole DC**, Stock SR, Gibson ES. Workplace based interventions to reduce overuse disorders of the neck and upper extremity: an epidemiologic review. 25th Annual Conference of the Human Factors Association of Canada - 1992. Hamilton, ON. pp 263-269 (SRA)
3. **Cole DC**, Eyles J. Combining qualitative and quantitative approaches to assessing impacts of environments on human health and well-being in local community studies. In: Johnson BL, Xintaras C, Andrews JS (eds). Hazardous Waste: Impacts on Human and Ecological Health. Proceedings of the 2nd International Congress, Atlanta, Georgia, U.S., 5-8 Jun 1995. Princeton, N.J.: Princeton Scientific Publishing Co., Inc. 1997 (PA)
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5. **Cole DC**, Carpio F, Leon N. Chapter 4: Conceptual and methodological aspects of investigating the health impacts of agricultural pesticides: pp 65-81 (SRA)
6. **Cole DC**, Carpio F, Leon N, Merino R, Julian J. Chapter 9: Health impacts of pesticide use in Carchi farm populations: pp 209-230 (SRA)
7. Antle JM, **Cole DC**, Crissman CC. Chapter 10: The role of pesticides in farm productivity and farmer health: pp 231-241 (Co-PA)
8. Antle JM, Capalbo SM, **Cole DC**, Crissman CC, Wagenet RJ. Chapter 11: Integrated simulation model and analysis of economic, environmental and health tradeoffs in the Carachi potato-pasture production system: pp 243-267 (Co-PA)
9. **Cole DC**. Human health in agroecosystem health. In: Blair R, Rajamahendran R, Mohan M, Stephens LS, Yang MY (eds). Canadian Society of Animal Science. Proceedings of Annual Meeting. 5-8 Jul 1998, Vancouver, BC (PA)
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11. Chung J, **Cole DC**, Clarke J. Chapter 4, Women, work and injury. 69-90 (Co-PA)
12. Hogg-Johnson S, **Cole DC**, Côté P, Frank J. Chapter 9, Staging treatment interventions following soft-tissue injuries. 201-218 (Co-PA)

13. Wells R, **Cole DC** and the Worksite Upper Extremity Research Group. Intervention in computer intense work. In: Sandsjö L, Kadefors R (eds). Prevention of Muscle Disorders in Computer Users: Scientific Basis and Recommendations. The 2nd PROCID (Prevention of Muscle Disorders in Operation of Computer Input Devices) Symposium. National Institute for Working Life/West, Göteborg, Sweden, March 8-10 2001:99-125 (Co-PA)
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14. Sherwood SG*, **Cole, D.C.**, and M. Paredes*. 2001. Reduction of risks associated with fungicides: Technically easy, socially complex [in Spanish]. In E.N. Fernández-Northcote (ed.), Proceedings of the International Workshop on Complementing Resistance to Late Blight (*Phytophthora infestans*) in the Andes. February 13-16, Cochabamba, Bolivia. GILB Latin American Workshops 1. International Potato Center, Lima, Peru. 91-106 (Co-PA)
15. Sullivan T, **Cole DC**. Work, health, safety and compensation. In: Bolara BS, Dickenson H, editors. Health, illness and health care in Canada. 3rd edition. Toronto: Nelson Thomas Learning. 2002 (Co-PA)
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17. Polanyi MF*, **Cole DC**. Towards research-informed multi-stakeholder action on complex workplace health issues: Reflections on two WMSD interventions. In: T. Sullivan, J. Frank (eds.), Preventing Work-Related Disability: New Views (London, England: Taylor & Francis). (2003) (co-author, 40% contribution) (Co-PA)

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18. Merino R, **Cole DC**. Cap 4: Presencia de plaguicidas en el trabajo agricola, en los productos de consumo y en el hogar: 71-94 (PA)
19. **Cole DC**, Mera-Orces V. Cap 5: Intoxicaciones por plaguicidas: incidencia e impacto economico: 75-114 (SRA)
20. **Cole DC**, Carpio F, Julian J, Leon N. Cap 6: Evaluacion de la funcion nerviosa periferica y neuroconductual de los agricultores expuestos a plaguicidas: 115-134 (SRA)
21. Antle J, **Cole DC**, Crissman C. Cap 7: Plaguicidas, salud y productividad de los agricultores: 135-146. (co-author, 20% contribution) (Co-PA)

22. Crissman C, Yanggen D, Antle J, **Cole DC**, Stoorvogel J, Barrera VH, Espinosa P, Bowen W. Cap 8: Relaciones de intercambio existentes entre agricultura, medio ambiente y salud humana con el use de plaguicidas: 147-162 (CA)
23. Sherwood S, **Cole DC**, Paredes M. Cap 9: Estrategias de intervencion para reducir los riesgos causados por plaguicidas: 163-187 (Co-PA)
24. Yanggen D, Crissman C, Sherwood S, **Cole DC**. Cap 10: Lecciones y sugerencias para el futuro: 188-196 (CA)
25. Sherwood S*, **Cole DC**, Crissman C, Paredes M. From pesticides to people: improving ecosystem health in the northern Andes. Chapter 9 In: Pretty J (ed). *The Pesticide Detox: life after harmful pesticides*. London, UK: Earthscan; 2005 (Co-PA)
26. **Cole DC**, and Rivilis I*. (2005) Individual factors and musculoskeletal disorders: a framework for their consideration. Book chapter 19 In Karwowski W, Marras W, editors. *Fundamentals and Assessment Tools for Occupational Ergonomics*. 2nd ed. (ISBN: 0-8493-1937-4). Boca Raton, FL: CRC Press; 2006 (SRA)
27. **Cole DC**, Bassil K*, Jones-Otawa H, Diamond M. Health risks and benefits associated with UA: impact assessment, risk mitigation and healthy public policy. Boischio A, Clegg A, Mwangore D (eds.) *Health Risks and Benefits of Urban and Peri-Urban Agriculture and Livestock (UA) in Sub-Saharan Africa*. Urban Poverty and Environment Series Report #1. Ottawa, Canada: International Development Research Centre. 2006 pp 11-23 (SRA)
28. Bigelow P., Krepostman S., Ferrier S., Maracle S., McKeen, C., Subrata P., Van Eerd D*, Kramer D*, and the Electrical & Utilities PE Evaluation Team (Boyle C., **Cole DC**., Frazer M., Wells R., Franche RL, and Zohar D.). (2006) *The Role of Knowledge Transfer and Exchange in a Health and Safety Association Initiated Collaborative Partnership to Implement Participatory Ergonomic Programs*. Proceedings of the Association of Canadian Ergonomists 38th Annual Conference, October 14-17 (6 pages) (CA)
29. Amick III BC, Bigelow P, **Cole DC**. Workplace researcher relationships: early research strategy and avoiding the data dearth! Ch 7 in: Tompa E, Culyer A, Dolinski R. *Economic Evaluation of Interventions for Occupational Health and Safety*. Developing Good Practice. Multiple locations: Oxford, 2008. pp 117-131 (Co-PA)
30. **Cole DC**, HortiSana Huancayo: Rossana Pacheco, Armando Alfaro, Veronica Cañedo, Willy Pradel, Gordon Prain, Mary Luz Solarzano, Bronwyn Underhill*. *Andean Indigenous-Mestizo Peoples, Agro-Ecosystems & Human Health: Horticulture in Peru's Montaro Valley*. In: Jeff Reading, Namaste Marsden, Rachel Link, Dinara Kurbanova and Miranda Kelly (eds). *Global Indigenous Health Research Symposium Report. Papers and Presentations: Directions and Themes in International Indigenous Health Research 2008*. Victoria, BC Canada: Centre for Aboriginal Health Research, University of Victoria. pp 27-32 (SRA)
31. Nasinyama GW, **Cole DC**, Lee-Smith D. Health impact assessment of urban agriculture in Kampala. Ch 9 in: Prain G, Karanja N, Lee-Smith D (eds). *African Urban Harvest: Agriculture in the cities of Cameroon, Kenya and Uganda*. Ottawa et al. International Development Research Centre and Springer and International Potato Centre, 2011. pp 167-192 (Co-PA)

32. Nabulo G., **Cole DC**. Environmental Health in Uganda. Nriagu JO, Editor-in-Chief, Encyclopedia of Environmental Health. Elsevier, 2011 (Co-PA)
33. Orozco F*, **Cole DC**. Tackling challenges to farmers' health and agro-ecosystem sustainability in highland Ecuador. Ch 4 in Charron D (ed). Ecohealth Research in Practice. Innovative Applications of an Ecosystem Approach to Health. Springer & IDRC, Ottawa, Canada, 2011 pp 47-58 (Co-PA)
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36. Pringle J, **Cole DC**. Whose Role is it to Deal with Societal Determinants of Health? The Case of the Nigerian Lead-poisoning Epidemic. Case 16 in: Canadian Institutes of Health Research – Institute of Population and Public Health. (2012). Population and Public Health Ethics: Cases from Research, Policy, and Practice. University of Toronto Joint Centre for Bioethics: Toronto. pp 176- 179
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37. **Cole DC**, Prain G, Pradel W. Transforming Agricultural and Food Systems for Environmental Sustainability, Food Security & Human Health. Chapter 9 in: Heymann J, Barrera M (eds). Ensuring a Sustainable Future: Making Progress on Environment and Equity, Oxford University Press. September 2013 pp 189-220 (PA)
38. McGahan AM, Rezaie R, **Cole DC**. Embedded innovation in health. Ch 5 In: Wong J, Soman D (eds). Innovating for the Global South: Towards an Inclusive Innovation Agenda. University of Toronto Press 2014, pp 94-114 (Co-A)
39. **Cole DC**. Reporting health research. Ch 12 in Bassil K and Zabzkiewicz D (eds) on Health Research Methods: a Canadian perspective by Oxford University Press 2014, pp 233-246 (PA)
40. VanEerd D, **Cole DC**, Steenstra I. Participatory Ergonomics in Return to Work. Chapter 17 in Izabela Z. Schultz & Robert Gatchel (eds). Handbook of Return-To-Work. Springer; New York USA et al; 2015, 289-306 (Co-A)

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Robillard, Chantal; Perras Saint-Jean, Gabrielle; McGlauglin J; **Cole DC**. Gardiennes du secret: pourquoi les intervenantes sont confinées dans le rôle de confidentes des travailleuses étrangères

abuses. Chapitre dans: Alexis Martig and Jorge Pantaleon (eds) "Travail, exploitations et servitudes contemporaines dans les Amériques". Presses universitaires de Rennes (Co-A)

Hathaway M, **Cole DC**, Poland B. Cultivating Ecological Consciousness. Chapter for: Katharine Zywert, Stephen Quilley (eds). *Medicines for the Anthropocene: Health on a Finite Planet*. (Co-A)

Submitted

In preparation

Cole DC (+/- others). Striving towards sustainable and healthy food in rural areas: food-relevant practice in Grey-Bruce counties. Chapter for: Sumner J, Desjardins E (eds). *Critical Food Guidance*. (PA)

Paredes M, various, **Cole DC**. Assessing responsible consumption in Ecuadorian city-regions to inform a social movement. Blay-Palmer A, Damien Conaré, Amanda Di Battista, Kenneth A. Meter (eds). *Sustainable Food System Assessment: Lessons from Global Practice* (SRA)

3. ABSTRACTS

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2. Kearney J, **Cole DC**. Levels of environmental contaminants in blood and hair samples from Ontario anglers. 8th Annual Conference of the International Society for Environmental Epidemiology. Edmonton, AB. August 17-21,1996 (Co-PA)
3. **Cole DC**, Julian J, Carpio F, Leon N. Agricultural pesticide exposure and peripheral neurologic outcomes: a cross-sectional survey. 8th Annual Conference of the International Society for Environmental Epidemiology. Edmonton, AB. August 17-21,1996 (PA)
4. **Cole DC**, Koehoorn M, Ibrahim S, Hertzman C, Ostry A, Xu F, Holmes P. Factors associated with musculoskeletal outcomes among health care workers – a multilevel analysis (339). *American Journal of Epidemiology* 2005;161(Suppl): S85 (Co-PA)
5. Rivilis I, **Cole DC**, Frazer M, Kerr M, Ibrahim S, Wells R. Quasi-experimental evaluation of a workplace ergonomic intervention 342-S). *American Journal of Epidemiology* 2005;161(Suppl): S86 (Co-PA)

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6. Bassil K, **Cole DC**, Moineddin R, Lou W, Rea E. Use of GIS to direct public health interventions for heat-related illness: S64-S65
 7. Bienenfeld M, **Cole DC**, Wanigaratne S, Whate R, Crosse E, Reffle J, Mee C, Vanderlinden L. Assessing the impact of a municipal pesticide use bylaw: a quasi-experimental evaluation: S149
 8. Chaudhuri N, **Cole DC**, Niang S. Changes in understanding of environmental health risks linked to a Participatory Education and Action Research (PEAR) process among urban farmers: S38
 9. **Cole DC**, Orozco F, Wanigaratne S, Ibrahim S, Lochhead S, Munoz F. Explaining community variation in pesticide use and health outcomes in Andean Ecuador: S128.
 10. Wanigaratne S, Orozco F, **Cole DC**. Epidemiologic Monitoring and Implementation of the FAO Code of Conduct-Pesticide use in Ecuador: S181-S182
 11. Van Eerd D, **Cole DC**, Village J, Theberge N, St Vincent M, Clarke J, Keown K, Mahood Q, Irvin E, Cullen K, Widdrington H. Process and implementation of participatory ergonomics: A review of the peer-reviewed literature. ACE 2007 Association of Canadian Ergonomists 38th Annual Conference. Toronto, Ontario. October 14-17, 2007.
 12. Van Eerd D, Village J, Mahood Q, Irvin E, Keown K, Clarke J, **Cole DC**, Theberge N, St Vincent M, Cullen K, Widdrington H. Reviewing the grey literature on process and implementation of participatory ergonomics: benefits and challenges. ACE 2007 Association of Canadian Ergonomists 38th Annual Conference. Toronto, Ontario. October 14-17, 2007.
- 13 to 17 published in EPI 2008: XVIII IEA World Congress of Epidemiology, Porto Alegre, Brazil, September 20-24 - Revista Saude Publica Brasileira supplement:*
13. Orozco F, **Cole DC**, Muñoz F, Ibrahim S, Perez C, Wanigaratne S, Arevalo J, Guzman L. Multidisciplinary action research to reduce hazardous pesticide use
 14. **Cole DC**, Ibrahim S, Brown P, Koehoorn M. Multi-level modeling of repeat binary outcomes: a comparison of approaches.
 15. **Cole DC**, Wells R, Theberge N; Dixon SM; Rivilis I, Neumann WP; Ibrahim S. Assessing and modifying risks for musculoskeletal disorders (MSD) .
 16. Bondy S, Johnson I, **Cole DC**, Scott F. Using competencies to inform curriculum in an integrated masters program.
 17. Orozco F, **Cole DC**, Munoz F. Farm household gender roles, differences in crop management and health implications.
18. **Donald Cole**, Ritsuko Kakuma, Sharon Fonn, Chimaraoke Izugbara, Margaret Thorogood, Imelda Bates. Evaluations of health research capacity development: a review of the evidence. American Society of Tropical Medicine and Hygiene. 61st Annual Meeting November 11-15, 2012 Atlanta Marriott Marquis, Atlanta, Georgia USA. Am J Trop Med Hyg November 2012; 87, No 5 supplement, Abstract number 801

19. Leao AL, Barbosa-Branco A, Turchi M, **Cole D**, Steenstra I. Incidence of sickness absence among Brazilian public workers. *Occupational and Environmental Medicine* 2014; 71, Suppl 1: A104. DOI 10.1136/oemed-2014-102362.327
20. Pakes BN. **Cole DC**. A taxonomy of global health: a qualitative analysis at a large academic health sciences centre. *Lancet Global Health*, meeting abstracts. May 10, 2014.
21. C.L. Wiseman, D. Chakravartty, J.A. Archbold, R. Copes, N. Zawar, A. Parnia, S. Chen, **D. Cole**. Blood Metal Concentrations in Newcomer Women in Toronto, Canada. SETAC NA Annual Meeting, Las Vegas, USA. 2015 Nov 1-4. Abstract 163, p 46.
22. Paula Braitstein, Tenzin Lama, Susan Keino, Branka Gladanac, Faith Yego, **Donald Cole**, John Simiyu Tabu, Andrea Cortinois, Carren Tarus, Ann Fox. Increasing food security and nutrition resilience in response to climate change in east Africa: findings from a multisectoral symposium. *The Lancet Global Health*. Published Online April 7, 2017
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ACCEPTED ABSTRACTS

Part G – PRESENTATIONS & KNOWLEDGE TRANSFER

1. PRESENTATIONS

INVITED PRESENTATIONS:

Local

1. **Cole DC**, Hogg-Johnson S, Lee H, & WUER/TSSONG Team. MSD-related Health Care Utilization: Attribution and Coverage in a Workforce. Toronto: IWH Plenary. Tuesday May 17, 2005.
2. **Cole DC**. Evaluating a Workplace Intervention – Modelling Change in a Workforce. University of Toronto Epidemiology Seminar Series. Prosserman Center for Health Research, Mount Sinai Hospital. Wednesday April 28, 2004.
3. Guzman J, MacEachen E, **Cole DC**. Transdisciplinary Rounds: “What Makes a Good Theory?” IWH Internal Plenary. October 26, 2004.
4. **Cole DC**. Evaluating worksite ergonomic interventions for MSD. Occupational Medicine Rounds. St. Michael’s Hospital, Toronto. January 12, 2005.
5. **Cole DC**. Social & political challenges of reducing pesticide use in highland Ecuador – Implications for Ontario. Health Promotion Summer School, Toronto, ON. June 27, 2006.
6. **Cole DC**, Ibrahim S. Clustered Data in Community & Workplace Health. Workshop on Methodological Challenges in Public Health Research. Toronto, ON. September 29, 2006.

7. **Cole DC.** Capacity building to confront global health inequalities. Global Health in an Unequal World Workshop. Universities of Ottawa and Toronto, 9 April 2008.
8. **Cole DC.** Leadership in Global Health: What might it mean for each of us? Global Health Education Initiative Celebration, Toronto, 20th June 2012
9. **Cole DC.** Farm family health and ecological sustainability. How can they meet? International Conference on Feeding Cities 2014: Rural-Urban Connections and the Future of Family Farming. 2014 June 23-24, Ryerson University, Toronto, Canada
10. **Cole DC.** Agroecosystems, pesticides and public health – grappling with a wicked problem. Ecohealth and Global Health Symposium. 2015 Dec 7. York University, Toronto, Canada
11. **Cole DC.** Agricultural work, food systems and ecosystems: reflections on a research ‘program’. Institute for Work & Health 2016 Jan 19. Toronto
12. **Cole DC, Barnsley J.** Demonstrating teaching effectiveness. DLSPH Lunch & Learn, Toronto, 2016 March 16
13. **Tew M, Cole DC.** Occupational Health Services for Ontario Migrant Farm Workers - Needs, Experience & Options, 2017 Oct 12, St. Michael’s Hospital Occupational Medicine Rounds
14. **Cole DC, Ng, E, Fox A.** A consulting model in a Community Food Systems course. Faculty Institute on Community-Engaged Learning (CEL), 2017 Jun 8. Hart House, University of Toronto
15. **Bondy S, Wambura Mbuthia G, Oluwafunke Obiyan M, Cole DC.** CARTA Africa: a model multi-disciplinary researcher development program. DLSPH Teaching Pedagogy Brown Bag Seminar, 2017 Nov 29
16. **Cole DC, Elton S, Mulligan K.** Experience of creating and implementing a Cross-Listed (Undergraduate and Graduate) Course in Ecological Public Health. DLSPH Teaching Pedagogy Brown Bag Seminar, 2018 Jan 31.

Provincial/Regional

1. **Cole DC.** Pesticide health problems and family physicians. College of Family Physicians of Ontario Annual Scientific Conference. Toronto, ON. Nov 1992
2. **Cole DC, Abelsohn A.** Environmental history taking. College of Family Physicians of Ontario Annual Scientific Conference. Toronto, ON. Nov 1993
3. **Cole DC.** Indicators of environment and health in local state of environment/ sustainable development reporting. Ontario Air and Waste Management Association's Annual Spring Conference. Hamilton, ON. 1 May 1995
4. **Cole DC.** Reproductive outcomes and environmental risks. Symposium on Environmental Risk - Unpacking the Black Box. Hamilton, ON. 6-8 Nov 1995

5. **Cole DC**. Pesticide exposure and potential health effects - certain and uncertain science and its implications for children's health. Children's Health and Environment Workshop. Toronto, ON. 28 Oct 1996
6. **Cole DC**, Hyatt D, Sinclair SJ. Economics of RSI/WMSD: Causes, costs and efficiency. Ontario Physiotherapy Association's First International Conference on RSI. Toronto, ON. 15-16 Jan 1997
7. **Cole DC**. Secondary prevention of back pain disability at work. 10th Inter-Urban Pain Conference. Chronic Pain: Disability and Management. London, ON. 21 Nov 1997
8. Chung J, **Cole DC**. Reporting and non-reporting repetitive strain injury to the workplace: a case study using qualitative and quantitative methods in a large newspaper. Health & Society Group, McMaster University. Toronto, ON. 8 Jan 1998
9. **Cole DC**, Kramer D. Looking at both biomechanical and psychosocial effects. Industrial Accident Prevention Association Conference. Toronto, ON. 10-12 Apr 2000
10. **Cole DC**. Evaluating Worksite Ergonomics Intervention Programs. Occupational Health, Hygiene & Toxicology Rounds. McMaster University. Hamilton ON. February 18, 2004
11. Lewchuk W, Robertson D, **Cole DC**, Kerr M, Haines T. Unions, collective agreements and health outcomes. 4th International Conference on Work Environment and Cardiovascular Diseases. McMaster University, Hamilton, March 9-11, 2005
12. Bassil KL, **Cole DC**, Smoyer-Tomic K. Review of evidence for effective public health heat interventions. Peel Region Extreme Heat Stakeholders Meeting. Toronto, ON. April 2007
13. **Cole DC**. Environmental health research. Workshop organized by Ontario College of Family Physicians Environment Committee, Toronto. 18 April 2008
14. **Cole DC** (moderator), Dewey C, Howard J. The Language of Health. Part of EcoHealth Day, Environmental Studies Association of Canada "Environmental Knowledge: People and Change" - part of Congress 2012 of the Humanities and Social Sciences. Crossroads: Scholarship for an uncertain world. 26 May to 2 June 2012, Wilfrid Laurier University & University of Waterloo
15. **Cole DC** (panel moderator), Gardner C, Gavin G, Voigt R. Adapting to the Anthropocene. Ecohealth in Action 2017 Nov 9. Chestnut Centre, Toronto, ON.

National

1. Poon R, Kearney J, **Cole DC**. Cotinine and Glucaric Acid. Great Lakes Health Effects Program Science Workshop. Aylmer, PQ. 1-3 Mar 1994
2. **Cole DC**, Gibson BL, et al. Exposure to contaminants through fish and wildlife consumption in Great Lakes populations. Great Lakes Health Effects Program Science Workshop. Aylmer, PQ. 1-3 Mar 1994
3. **Cole DC**. Biomarkers from a clinical epidemiology perspective. Health Canada Biomarkers Workshop. Ottawa, ON. 9-10 Jan 1995

4. **Cole DC.** Upper extremity soft tissue injuries. Annual Conference of the Occupational and Environmental Medical Association of Canada. Toronto, ON. 30 Sept- 4 Oct 1995
5. **Cole DC,** Frank JW, Sinclair SJ, Johnson SH, Shannon HS, Bombardier C, Beaton DE. Prevention of back pain disability at work in persons who already have symptoms. Keynote address: Human Factors Association of Canada 28th Annual Conference. Kitchener, ON. 23-26 Oct 1996
6. **Cole DC.** Workplace changes and RSI/WMSD: A case example. USWA National Health, Safety and Environment Conference. Toronto, ON. 19-20 Jun 1998
7. Berti P, **Cole DC,** Crissman C. Pesticides and health in potato production in Highland Ecuador. Canadian Society for International Health. Ottawa, ON. Nov 1999
8. **Cole DC.** Research and balancing values with economics. Health, Work and Wellness Institute of Canada Conference 2000. Toronto, ON. 23-25 Oct 2000
9. Morris B, **Cole DC.** Indicators of human health for freshwater ecosystems. Paper for Consensus Conference on Environmental Health surveillance organized by the Health Professionals Taskforce on the International Joint Commission. Quebec City, PQ. Oct 2000
10. **Cole DC,** London L. Pesticides, women and international development: an ecosystem approach to human health. Public Lectures (in Montreal, Halifax and Edmonton) on the Ecohealth Tour 2001 Programme. 6-13 Feb 2001
11. **Cole, DC.** Réfléchissements sur l'Évaluation des Interventions Visés aux Troubles Musculo-Skeletiques dans les Entreprises. L'institut De Recherché Robert Sauvé En Santé Et En Sécurité Du Travail (IRSST). 12 janvier 2006
12. Bigelow PL, **Cole DC,** et al. Roundtable on Engaging Workplaces in Intervention Research. SafetyNet and Canadian Association for Research on Work Meetings and Health (CARWH) International Conference. St. John's NL, June 7-10, 2006
13. Theberge N, **Cole DC,** Dixon S, Rivilis I and the Members of the Ergonomics Intervention Research Group. Examining Participatory Ergonomics from a Multidisciplinary Perspective. Canadian Association for Research on Work Meetings and Health (CARWH) International Conference. St. John's NL, June 7-10, 2006
14. **Cole DC.** We're giving each other challenges – Research on workplace health and safety: From the core to the margins. Canadian Association for Research on Work Meetings and Health (CARWH) International Conference. St. John's NL, June 7-10, 2006
15. **Cole DC** and the HortiSana team. Food Security, Environmental Health & Equity. Environmental Health and Equity. Global strategies and innovation. Institute For Health and Social Policy and Global Health Programs Research to Policy Conference. April 30, 2011 / OMNI Mont-Royal Hotel, Montreal
16. **Cole DC** on behalf of multiple teams. Evaluating capacity development (CD) in ecohealth research. Ecohealth Teaching Workshop, UQAM, Montreal. November 2011
17. Boutilier Z, **Cole DC** (presenter), Kahwa E, Ndeti D, Mutiso V. Launching and enriching careers in global health research: how mentorship can help. Global Health Conference (CSIH-CUGH-GHEC), Montreal, Quebec, 13-15 November 2011

18. De Ruggiero E, Edwards N, Hadad S, **Cole DC** (presenter). Interactive Workshop on Creating Sustainable Career Paths in Global Health Research. American Academy for the Advancement of Science, 16-20 February, 2012. Vancouver BC.
19. Lebel J (chair), Pedersen D, Saunders D, DeRuggiero E, **Cole DC** (panel member), Fadi E. What is the future of global health research? Global Health Research Initiative Conference, Ottawa ON, 1-3 October, 2012.
20. Gagnon D (organizer), De Ruggiero E, Daibes I, King M, Edwards N, Stephens C, Wind T, Tremblay P, **Cole DC** (panel member) – Workshop on Innovations in Global Health Research Evaluation, Global Health Research Initiative Conference, Ottawa ON, 1-3 October, 2012.
21. Martin K (Chair), Poland B, Hu H, **Cole DC** (Panel member). Sustainable Development and Health. Canadian Conference on Global Health, Ottawa, ON 21-23 October 2012.
22. Bondy S, Dinh T, **Cole DC**, Olds RS, Croxford R. Toward a “Competencies for Epidemiologists in Canada” Framework CSEB 2015 Pre-Conference Workshop. June 1, 2015, Mississauga, ON

International

1. Stock SR, **Cole DC**, Chong J, Tennessee M. Occupational health under the Canadian publicly funded health system. APHA Annual Scientific Conference. New York, NY. 1 Oct 1990
2. **Cole DC**, et al. Assessing health impacts of pesticide use in the potato farming region of Carchi, Ecuador - work in progress. Paper for workshop on Measuring Health and Environmental Effects of Pesticides. Bellagio, Italy. 30 Mar - 3 Apr 1992. 36 pp.
3. **Cole DC**. Environmental health in Canada. Society of Occupational and Environmental Health Conference on the Impact of NAFTA. Washington, D.C. Sept 1993
4. Crissman C, **Cole DC**. Pesticide use and farm worker health in Ecuadorian potato production. Allied Social Science Associations Meetings. Boston, Mass. 3-5 Jan 1994
5. **Cole DC**. Physicians and Environmental Health: Overcoming educational obstacles - the Canadian experience. Great Lakes Environmental Health Curriculum Workshop. Wingspread, Michigan, 4-6 Nov 1994
6. Kearney J, **Cole DC**. Great Lakes basin anglers exposure assessment study. Sharing Knowledge, Linking Sciences: an International Conference on the St. Lawrence Ecosystem. Cornwall, Ontario and Massena, New York, NY. 10-12 May 1995
7. **Cole DC** & the Fish and Wildlife Nutrition Project Team. A shore survey of fish and wildlife consumption among multi-ethnic fishers. First Buffalo Environmental Health Sciences Conference. Amherst, NY. 19 Apr 1996
8. **Cole DC**, Beaton DE. Upper extremity guidelines, prognosis and treatment of upper extremity musculoskeletal disorders. American College of Occupational and Environmental Medicine's State-of-the-Art Conference on Managed Care and Occupational Medicine. Toronto, ON. 27-31 Oct 1996

9. Beaton DE, **Cole DC**, Manno M, Hogg-Johnson S, Bombardier C, and the Worksite Upper Extremity Group. The implication of case definition in surveys of work-related musculoskeletal disorders. Presentation to PREMUS/ISEOH'98. Helsinki, Finland. 20 Sept 1998
10. **Cole DC**. Eco-Salud Project. Production - Environmental - Health Tradeoffs Project Meeting, Quito, Ecuador. 8-10 Mar 1999
11. **Cole DC**. Pesticides and health in potato production in Highland Ecuador, El Centro Internacional de la Papa and Instituto Nacional Autonomo de Investigaciones, Ambuqui, Ecuador. Oct 1999
12. **Cole DC**, Brooker A-S, Clarke J, Early Claimant Cohort Prognostic Modeling Working Group & HEALNet WorkReady Research Team. Organizational factors & return to work (RTW) following lost-time injury (LTI). National Occupational Injury Research Symposium (NOIRS) 2000. National Institute for Occupational Safety and Health (NIOSH). Pittsburg, PA. 17-19 Oct 2000
13. Ferrier S, **Cole DC**, Deverell J. Work-related Stressors and Musculoskeletal Problems at The Toronto Star. Roundtable, American Public Health Association meeting. Boston, MA. 12-16 Nov 2000
14. Antle J, **Cole DC**. Pesticide usage in developing countries. ABCDE Workshop— Environmental Health Issues in Developing Countries. Presentation at the World Bank. Washington, DC. 1 May 2001
15. **Cole DC**. Reduce injuries and create a healthy workplace, by paying attention to both the physical and psychosocial workplace factors. Information Exchange meeting with the Institute for Work & Health and Safety Associations. 24 May 2001
16. **Cole DC**. Changing Agro-Ecosystem Management to Reduce Pesticide Use and Improve Human Health. CIDA International Cooperation Days. Ottawa Congress Centre, Ottawa, ON. 18-20 June 2001
17. **Cole DC**. Health, agriculture and economics: exploring the tradeoffs and synergies. Centre for International Health – First Annual Global Health Research Conference. Toronto, ON. May 3-4, 2002
18. **Cole DC**. Contributions of agricultural research to human health. International Potato Centre Strategic Planning Workshop, Lima, Peru, November, 2002
19. **Cole DC**, Kearney J, Sanin LH, Weber J-P. Blood mercury levels among Ontario fishers. An Ecosystem Approach to the Health Effects of Mercury in the Great Lakes Basin Workshop. Windsor, ON. February, 2003. Funding via Contract 602-901-28 for Bioregional Health Effects Program, Health Impacts Bureau, Health Canada
20. Wells RP, **Cole DC**, Norman RW, Frazer MB, Theberge N, Kerr MS. Ergonomic Intervention Research in North America. The 27th International Congress on Occupational Health. Iguarru, Brazil. February 23-28, 2003

21. **Cole DC**. Individual factors and musculoskeletal disorders. Invited presentation to State-of-the-Art Research (STAR) Symposium: Perspective on Musculoskeletal Disorders Causation and Control. Co-sponsored by the National Institute for Occupational Safety and Health (NIOSH) and the Institute for Ergonomics at The Ohio State University. Columbus, Ohio, May 21-22, 2003
22. **Cole DC** in collaboration with Bassil K, Jones-Otawa H, Diamond M. Health risk assessment in UPA. Invited presentation to workshop on "Health risks and benefits of urban and peri-urban agriculture and livestock (UPA) in sub-Saharan Africa". Nairobi, Kenya. June, 2003. Funded by IDRC
23. **Cole DC**, Wells R. Stop RSI: A six year intervention and evaluation study in the newspaper industry. Sixth Annual Marconi Research Conference at Marigold: Epidemiologic Intervention Studies Among Computer Users. Holland, Michigan, September 12-14, 2003
24. Franche RL & **Cole DC**. Défis méthodologiques des recherches sur l'intervention en milieu de travail. Roundtable participation – Des interventions à développer, à supporter et évaluer. 1er Congrès francophone sur les TMS du membre supérieur. Nancy, France. Mai 2005
25. **Cole DC** Developing agricultural systems to promote better health for all. At Roundtable on Agriculture & Health Linkages, IFPRI, Washington DC. USA June 23-24, 2005
26. **Cole DC**, Tompa E. Office Ergonomics Research Committee (OERC) Annual Conference. Loews Annapolis Hotel, Annapolis Maryland USA, Sept. 22-24, 2005
27. Orozco F, **Cole DC**. Plataformas Multidisciplinarias en la Investigación Acción de Salud y Agricultura. 11vo Congreso Mundial de Salud Pública y 8vo Congreso Brasileiro de Salud Colectiva. Rio de Janeiro, August 2006
28. Orozco F, **Cole DC**, Muñoz V, Altamirano A, Wanigaratne S, Espinosa P, Muñoz F. Relationship among production systems, pre-school nutritional status and pesticide – related toxicity in seven Ecuadorian communities – a multi-case study approach. International Potato Centre Annual Review. Lima, Peru. November 1, 2006
29. **Cole DC**, Sherwood S, Paredes M, Sanin LH, Crissman C, Espinosa P, Muñoz F. Reversing pesticide neurotoxic effects in farm households. International Potato Centre Annual Review, Lima, Peru. November 1, 2006
30. **Cole DC**. Agriculture and Human Health Division. External Program and Management Review (April 13, 2007) and Board Program Committee (April 18, 2007), International Potato Centre, Lima, Peru
31. **Cole DC**. Collaborative Research for Development on Agriculture and Human Health. Platform on Agriculture and Health Meeting, WHO-UNAIDS, Geneva, Switzerland. 25 June 2007
32. **Cole DC**. Canadian experience in relation with MSD. 19th Conference of the International Society for Environmental Epidemiology (ISEE), Mexico City, Mexico. September 5-9, 2007

33. **Cole DC.** People, Forests, Agro-ecosystems and Human Health. 2007 International Congress on a Global Vision of Forestry in the 21st Century. Toronto, ON. 30 Sept-3 Oct 2007
34. **Cole DC.** Anderson N, Mbugua S, Karanja N, Yeudall F, Njenga M, Prain G, Sellen D and SEHTUA partners. Livelihoods, crises & food security among HIV/AIDS affected households in Nakuru, Kenya. International AIDS Congress, Mexico City, 2-9 August 2008
35. **Cole DC.** Options for healthy agricultural production and commercialization. EcoHealth 2008, Merida, Mexico, 30 November, 2008 (Session Organizer)
36. **Cole DC.** Healthy City Harvest: Generating evidence to guide policy. African Population and Health Research Centre, Nairobi, Kenya, 12 January 2009
37. **Cole DC,** Nasinyama G. Generating evidence to inform policy and programs: food and nutrition security and agriculture in Kampala. Makerere University School of Public Health, Kampala, Uganda, 11 March 2009
38. **Cole DC.** Agriculture and Human Health Research Capacity Strengthening. London International Development Centre, London UK, 22 April 2009
39. **Cole DC.** Canadian Coalition for Global Health Research (www.ccgghr.ca) & CARTA. Consortium for Advanced health Research Training in Africa (CARTA – General). Rockefeller Foundation, Bellagio, Italy, 1 June 2009
40. **Cole DC.** Monitoring and Evaluation of CARTA. Consortium for Advanced health Research Training in Africa (CARTA – General). Rockefeller Foundation, Bellagio, Italy. 5 June 2009.
41. **Cole DC.** Confronting a wicked problem: how to shift horticultural systems away from hazardous pesticide use in the Andes? Wageningen University, The Netherlands, 8 June 2009
42. **Cole DC.** Food Production & Consumption and Health in Kampala, Uganda. WASS Symposium on Diets for Sustainability, Wageningen 7 Dec 2010 and repeated at Environment and Health Seminar, UofT, March 2011
43. **Cole DC,** Bates I, Aslanyan G. Evaluating health research capacity development. Session organizer (connector) and presenter. COHRED - Global Health Forum, Capetown South Africa, 23-26 April 2012.
44. Bates I, **Cole DC.** Update on Capacity Research Unit for Liverpool School of Tropical Medicine Trustees. 2014 Mar 24
45. **Cole DC.** Global health research and capacity strengthening – How do we evaluate it? A view from Canada. The George Institute for Global Health. 2014 Nov 26
46. **Cole DC.** Evaluating a complex, multi-sectoral intervention to improve maternal and infant nutrition in Western Kenya. Design, implementation and evaluation framework and preliminary findings. University of Warwick Medical School. 2015 April 9

47. **Cole DC.** Moving farming and food systems towards farmer well-being, consumer food security and ecosystem sustainability – what policies and practices could make a difference globally? Evidence-based decision support for food security' workshop. University of Warwick. 2015 April 15-17

PEER-REVIEWED PRESENTATIONS

Local

1. Sanin LH, **Cole DC.** Time to First Pregnancy Among Women Working in Intensive Agricultural Production in Columbia. Issues in Women's Health Research Day. Centre for Research in Women's Health, Toronto, Ontario. May 15, 2003
2. **Cole DC**, Plugge EH. Background influences on students' perceptions of a global health masters' course. Wilson Centre – Research Day, 9 October 2009
3. 9 October 2009. Kakuma R, **Cole DC**, Vic Neufeld and colleagues. The Canadian Coalition for Global Health Research Summer Institute – Innovative initiative for capacity development? Wilson Centre – Research Day, 9 October 2009.
4. Ritsuko Kakuma, **Donald C Cole**, Niall Byrne and Imelda Bates. Evaluating Capacity Development in Global Health Research: Where is the evidence? Wilson Centre Research Day, October 22, 2010
5. Shweta Dhawan, **Cole DC**, Alexandra Martiniuk, Stephanie Nixon, Andrew Pinto. A Pilot Mentorship Program for Early Career Global Health Researchers. R.K. Reznick Wilson Centre Research Day: 12th Oct 2012.
6. Ann Fox, **Cole DC.** Assessment layering to promote creative and critical thinking in a competency driven graduate Food Systems course. Powerful Assessment Workshop, CTSI Toronto, 2016 Mar 1

Provincial/Regional

1. Li-Muller A, Willert C, Ollson C, Whitford J, Apedaile E, **Cole DC**, Hale B. Assessing health risk from use of biosolids pellets in the city of Toronto. The 55th Annual Ontario Public Health Association Conference. Toronto Marriott Eaton Centre. November 23 & 24, 2004.
2. Bienefeld M, Vanderlinden L, Supervisor, Wakefield S, Baxter J, Jermyn L, **Cole DC**, Gibson-Wood H, Chiu C, Whate R, Mee C. Exploring the challenges of communicating risk and protecting public health in diverse communities: A case study of Toronto's Pesticide Bylaw. Ontario Public Health Association: November 2007

National

1. **Cole DC.** Health education and community oriented primary care. College of Family Physicians of Canada, Toronto, ON. Apr 1983

2. **Cole DC**, Chong J, Mummery V, Lindsay L, Heale J, Davis D. Environmental and occupational health education program. CPHA Annual Scientific Conference. Winnipeg, MN. Jun 1989
3. **Cole DC**, Lindsay EA, Willms DG. From fast to aboriginal health authority in the Sioux Lookout Zone: the role of McMaster's consultation to the Scott-McKay-Bain Health Panel. CPHA Annual Scientific Conference. Toronto, ON. 27 Jun 1990
4. **Cole DC**, Hurst D. Health impacts of Ontario Hydro's 25 year demand supply plan. CPHA Annual Scientific Conference. Yellowknife, YT Jul 1992
5. **Cole DC**, Stock SR, Gibson ES. Workplace based interventions to reduce overuse disorders of the neck and upper extremity: an epidemiologic review. 25th Anniversary of the Human Factors Association of Canada. Hamilton, ON. 1992. pp 263-269
6. **Cole DC**, Delisle H. Community assessment of environmental health concerns. Ecosystem Health and Medicine. Ottawa, ON. Jun 1994
7. Kearney J, **Cole DC**. Great Lakes anglers' exposure assessment study. Canadian Society for Epidemiology and Biostatistics. St. John's, NF. 16-19 Aug 1995
8. Jerret M, Eyles J, **Cole DC**. Accounting for environmental equity: an audit of the income distribution of pollution across the 49 counties of Ontario. 20th Annual Meetings of the Canadian Regional Science Association. Brock University, St. Catharines, ON. 31 May - 1 June 1996
9. **Cole DC**, Dawson J, Sheeshka J, Keating LJ, Owens S, Kraft D. Quantitative results of an assessment of fish and wildlife consumption in Ontario Areas of Concern - 1995-6 data. Great Lakes/St. Lawrence Health Conference 97. Montreal, PQ. 12-15 May 1997
10. Dawson J, **Cole DC**, Young-Leslie H, Sheeshka J, Waugh A, Kraft D, Kearney J, Owens S. Some fish to fry: perceptions of the risks and benefits of Great Lakes fish consumption. Great Lakes/St. Lawrence Health Conference 97. Montreal, PQ. 12-15 May 1997
11. Beech-Hawley L, Wells R, **Cole DC** and the Worksite Upper Extremity Group. The experience sampling method: an approach to the study of deadlines in newspaper workers. Human Factors Association of Canada Annual Conference. Mississauga, ON. Oct 1998
12. Valaitis R, Chambers L, **Cole DC**, Ehrlich A, O'Mara L, Rideout L, VanBerkel C. Stop, look & listen: a multi-media tool for community action. 5th Canadian Congress on International Health, Partnerships for Health: A Work in Progress, Ottawa/Hull, ON. 15 Nov 1998
13. Robson L, Lemieux-Charles L, McGuire W, **Cole DC**. Quality of worklife performance indicators. 2001 National Healthcare Leadership Conference and Exhibition, Winnipeg, MA. 4-6 June, 2001
14. Theberge N, Granzow K, Neumann P, Brawley L, Frazer M, Laing A, Norman R, Wells R, Kerton R, Greco L, **Cole DC**. 32nd Annual Congress: Association of Canadian Ergonomists. Participatory Ergonomics: Assessing the Impact of Different Forms of Involvement on Reported Outcomes. Montreal, PQ. Sept 2001

15. Strong S, Reardon R, Shannon HS, Baptiste S, **Cole DC**, Clarke J, Costa M, McKenzie D, Sinclair S, Gibson E. Practice patterns of functional capacity evaluations in employer-compensation systems. Abstract at the Canadian Association for Research on Work and Health (CARWH). Toronto, ON. 18 Nov 2001
16. Lewchuk W, Robertson D, **Cole DC**, Kerr MS, Haines T, Wigmore D. CAW/McMaster blood pressure project. Abstract at the Canadian Association for Research on Work and Health (CARWH). Toronto, ON. 18 Nov 2001
17. Hogg-Johnson S, **Cole DC**, Lee H, Subrata P. Using administrative data sources to track WMSD-related outcomes. Abstract at the Canadian Association for Research on Work and Health (CARWH). Toronto, ON. 18 Nov 2001
18. Wainman BC, Younglai EV, **Cole DC**. FP15 Environmental Contaminant Levels and Time to Pregnancy. Canadian Fertility and Andrology Society - 48th Annual Meeting. Manor Richelieu, Malboie, Quebec. September 25-28, 2002
19. Theberge N, **Cole DC**, Granzow K, Frazer M, Laing A , Norman R , Wells R. Negotiating Ergonomics: An Analysis of the Evolution of a Participatory Ergonomics Process in an Industrial Setting. Paper presented at 2002 meetings of the Association of Canadian Ergonomists, Banff, Alberta, October 2002
20. Frazer MB, Wells RP, Laing AC, Norman RW, Theberge N, **Cole DC**, Kerr MS. Evaluation of the Effects of a Proactive Ergonomic Design Change on Physical Exposure and Workers' Perceptions. Association of Canadian Ergonomists Meeting. Banff, October 2002
21. Paredes M, **Cole DC**. Peasant heterogeneity at the interface with technology interventions: social differentiation influencing agriculture, environment and health in northern Ecuador. International Forum on Ecosystem Approaches to Human Health. Montréal, Québec, Canada. May 18-23, 2003 (p IV-9 in Programme Abstracts)
22. Sanin LH, Idrovo AJ, **Cole DC**, Chavarro J, Caceres H, Narvaez J, Restrepo M. Time to first pregnancy among women working in intensive agricultural production in Columbia. International Forum on Ecosystem Approaches to Human Health. Montréal, Québec, Canada. May 18-23, 2003 (p IV-27 in Programme Abstracts)
23. Ibrahim S, Hepburn CG, **Cole DC**, Kerr MS. Work Stressors and Mental Health: A Longitudinal Analysis of the National Population Health Survey (NPHS). Canadian Society of Epidemiology and Biostatistics (CSEB) 2003 Biennial Meeting, Halifax, Nova Scotia, 8-11 June 2003
24. **Cole DC**, Manno M, Ferrier S. Changes in WMSD Risk Factors and Burden with Implementation of an Ergonomic Policy. Second National Symposium of the Canadian Association of Research in Work & Health Symposium (CARWH), Montreal, Quebec, 25-26 October 2003
25. Arbuckle TE, **Cole DC**, Ritter L, Ripley B. Farm children's exposure to herbicides: comparison of exposure estimates derived from biomonitoring and questionnaire data. Health Canada Research Forum: From Science to Policy, October 2003, Ottawa, ON

26. Ibrahim SA, McLeod CB, **Cole DC**, Shannon HS. Psychological and physical job characteristics and subsequent health care use: A prospective cohort study of Canadian workers. CIHR Institute of Health Services and Policy Research National Symposium Poster Display. IHSPR's inaugural national symposium, Strengthening the Foundations: Health Services and Policy Health Care. Montreal, Quebec, 22-24 November 2003
27. Granzow K, Theberge N, **Cole DC**, Laing A. "I feel good I got chosen": Determining the meaning (fullness) of worker participation in participatory ergonomics. Qualitative Health Research conference. Banff, Alberta, April 30- May 3, 2004
28. Cullen K, **Cole DC**, Rivilis I, Van Eerd D, Irvin I, Mahood Q. Workplace-based Participatory Ergonomic Interventions: A Systematic Review of the Quantitative Literature on Effectiveness. Canadian Association for Research on Work and Health Bi-Annual Symposium. Vancouver, BC., 15-17 May 2005
29. Koehoorn M, Hertzman C, **Cole DC**, Xu F, Ibrahim S, Ostry A, Holmes P. (2005) Mental illness trajectories among health care workers. Canadian Association for Research on Work and Health Biannual Conference. Vancouver BC. 16-17 May 2005
30. Laing A, Frazer M, Theberge N, **Cole DC**, Wells R, Kerr M. Study of the effectiveness of a participatory ergonomics intervention in reducing worker pain severity through psychosocial exposure pathways. Canadian Association for Research on Work and Health Bi-Annual Symposium. Vancouver, BC. 15-17 May 2005
31. Theberge N, Laing A, **Cole DC**, Granzow K. "Contesting Health and Safety on the Terrain of Participatory Ergonomics: A Case Study from the Manufacturing Sector." Canadian Association for Research on Work and Health Biannual Conference. Vancouver, B.C. May 16-17 2005
32. Li-Muller A, Apedaile E, Hale B, Willert C, **Cole DC**, Clark K, Ollson C, Goss M. Health risk from use of biosolids pellets in the City of Toronto. Proceedings of the 3rd Canadian Residuals Recycling Conference. Calgary, Alberta. 1-4 June 2005.
33. Dixon S, Theberge N, **Cole DC**. The Ergonomist has Left the Building: Sustaining a Participatory Ergonomic Program. Association of Canadian Ergonomists Conference. Halifax, NS. 15-18 August 2005
34. **Cole DC**, Lochhead SA, Orozco FT representing EcoSalud related actors. Transdisciplinary training through action-research. Canadian Society for International health: 13th Canadian Conference on International Health. Ottawa, ON. 15-18 October 2006
35. Rivilis I., **Cole DC**. Characterizing Patterns Due to Mental Health Absences among Workers on Short-Term Disability. Poster presented at a conference - Centre for Applied Research in Mental Health and Addiction, Vancouver, BC. 17-19 May 2007.
36. Bassil KL, **Cole DC**, Gournis E, Schwartz B, Craig A. Development of a syndromic surveillance system for heat-related illness using 911 medical dispatch data. Canadian Public Health Association. Ottawa, ON. 16-19 September 2007
37. Van Eerd D, **Cole DC**, Village J, Theberge N, St Vincent M, Clarke J, Keown K, Mahood Q, Irvin E, Cullen K, Widdrington H. Process and implementation of participatory ergonomics: A review of the peer-reviewed literature. ACE 2007 Association of Canadian Ergonomists 38th Annual Conference. Toronto, ON. October 14-17, 2007.

38. Van Eerd D, Village J, Mahood Q, Irvin E, Keown K, Clarke J, **Cole DC**, Theberge N, St Vincent M, Cullen K, Widdrington H. Reviewing the grey literature on process and implementation of participatory ergonomics: benefits and challenges. ACE 2007 Association of Canadian Ergonomists 38th Annual Conference. Toronto, ON. 14-17 October 2007.
39. Dixon SM, Theberge N, **Cole DC**. "I wouldn't have known that": Exploring the nature of, and access to, knowledge in two occupational health programs. Canadian Association of Research on Work and Health Conference (CARWH). Montreal, QC. 15-17 June 2008
40. Langlois LE, Shannon HS, Griffith LE, Walter SD, **Cole DC**, Hogg-Johnson S, Wells RP. Quality assessment of observational studies of low back pain among workers. Canadian Association for Research on Work and Health (CARWH). Montreal, QC. 15-17 June 2008
41. McGlaughlin J, **Cole DC**. Migrant farmworkers and health. Canadian Conference on International Health, Ottawa, ON, 19-22 October 2008
42. Yeudall F, Sellen D, Koc M, Roch C, **Cole D**, Skrzypczyk S, Webb A. What is the cost of healthy eating in Canada? Applying a Sustainable Livelihoods Framework. Canadian Association of Food Studies, Montreal, May 28-30 2010
43. Yeudall F, Mbugua S, Webb A, Sellen D, **Cole D**, Prain G, Gore C. An Examination of the Potential of Urban Agriculture to Mitigate the Negative Livelihood and Food Security Impacts of HIV/AIDS in Households in Nakuru, Kenya. Canadian Association of Food Studies, Montreal, May 28-30 2010
44. Jackson S, **Cole DC**. Global Health Concentration in a Masters' of Public Health. Canadian Public Health Association's Centenary Conference. Toronto, ON. 13-16 June 2010. <http://resources.cpha.ca/CPHA/Conf/Code/Co-authors.php?ID=A10-430&l=E&y=2010>
45. **Cole DC**, Willem van Heiningen, Janet McLaughlin, Beth Jackson. Social Determinants of Health of Migrant Farm workers in Canada: A Literature Review. Canadian Public Health Association's Centenary Conference. Toronto, ON. 13-16 June 2010 (Session chair) <http://resources.cpha.ca/CPHA/Conf/Code/Co-authors.php?ID=A10-940&l=E&y=2010>
46. Beth Jackson, Janet McLaughlin, **Donald Cole**, Willem van Heiningen. Responding to the WHO Commission SDH Report: Considerations for Improving Health Equity among Migrant Farm Workers in Canada. Canadian Public Health Association's Centenary Conference. Toronto, ON. 13-16 June 2010 <http://resources.cpha.ca/CPHA/Conf/Code/Co-authors.php?ID=A10-936&l=E&y=2010>
47. **Cole DC**, Bassil K. Public Health Interventions during Heat Episodes: A Map of Canadian and International Practice and Discussion of Applicability. Canadian Public Health Association's Centenary Conference. Toronto, ON. 13-16 June 2010 <http://resources.cpha.ca/CPHA/Conf/Code/Co-authors.php?ID=A10-438&l=E&y=2010>
48. Jessica Leah, Willy Pradel, **Donald C. Cole**, Gordon Prain, Hilary Creed Kanashiro, and Miluska Carrasco. Determinants of Food Security Among Small Farmers in the Andes: Examining the path. Canadian Conference on Global Health. Ottawa, ON. 31 October – 3 November 2010
49. Hanson L, Lencucha R, **Cole DC** et al. Global health competencies. Canadian Association of Continuing Health Education 6th Annual Conference (CACHE/NCCC May 2011)

50. Blackwell-Hardie V, **Cole DC**, Birn AE, Nixon S, Taleski-Steele S, Williams L, Rachlis B, Stevens M, Moscou K, Puchalski-Ritchie L, Fremes E, Orbinski J, Richardson E. Understanding global health ‘collaboratively’: Improving interdisciplinary research capacity through a collaborative doctoral program in global health (CPGH). Global Health Conference (CSIH-CUGH-GHEC), Montreal, Quebec. 13-15 November 2011
51. Robillard C (organizer), **Cole DC** (chair), McLaughlin J, Ricard-Guay A, O’Connor P, Eric J, Grandea N. Panel on Gender-based violence in contexts of vulnerable migrations. Political responses and services for female migrants. 14th National Metropolis Conference, Toronto. Feb 29th – March 3rd, 2012
52. McLaughlin J (organizer), Hennebry J, Pysklywec M, **Cole DC** (presenter), Furet A, Tew M, Haines AT, Healthy Farms, Healthy Workers, Healthy Food: Research and Action on Migrant Farmworker Health in Canada. Canadian Association for Food Studies part of Congress 2012 of the Humanities and Social Sciences. Crossroads: Scholarship for an uncertain world. Wilfrid Laurier University & University of Waterloo. 26 May – 1 June 2012
53. Gillian Morantz, **Cole DC**, Rachel Vreeman, Samuel Ayaya, David Ayuku, Paula Braitstein. A qualitative review of child abuse and neglect among orphaned children and youth living in extended families in sub-Saharan Africa. Canadian Conference on Global Health, Ottawa, ON. 21-23 October 2012
54. **Cole DC** (Panel organizer and presenter), Beagrie L, Hatfield J, Neufeld VR, Harms S. Mentorship in global health research: experience of university-based Canadian Coalition for Global Health Research (CCGHR) pilot programs. Canadian Conference on Global Health, Ottawa, ON. 21-23 October 2012
55. Robson LS, Hogg-Johnson S, **Cole DC**, Amick III BC, Tompa E, Smith PM, van Eerd D, Mustard C. An effectiveness evaluation within the Ontario occupational health and safety prevention system. Canadian Evaluation Society Conference: Evaluation Across Boundaries, Toronto. 9-12 June 2013
56. **Cole DC**, Johnson N, Mejia R, McCulloch H, Barnoya J, Turcotte-Tremblay A-M and the CCGHR Global Health Research Mentorship Project Team. Global health research mentorship: a gallery of experiences. Panel presentation organizer, Canadian Conference on Global Health, Ottawa, ON. 27-29 October 2013
57. Plamondon K, Neufeld V, **Cole DC**, Janes C, Hatfield J, Chatwood S, Gyorkos T, Berti P, O’Hearn S, Lloyd R, Campbell S, Murphy J, Meaghan Morris. Gathering perspectives on the role of research in a Canadian strategy for global health. Workshop at the Canadian Conference on Global Health, Ottawa, ON. 27-29 October 2013

[switch from underline to * for students]

48. Wanigaratne S*, Cole D, Bassil K, Hyman I, Moineddin R, Urquia M. *Risk factors for preterm birth: refugee status and secondary migration*. Canadian Society for Epidemiology and Biostatistics. Mississauga, Ontario, June 1-4, 2015. (Oral Presentation)
49. Sritharan, J. Demers, P. A., Harris, S. A., **Cole, D. C.**, Kreiger, N., Sass-Kortsak, A., & Lightfoot, N. Occupation and the risk of prostate cancer in Northeastern Ontario. The

Canadian Society for Epidemiology and Biostatistics (CSEB). Mississauga, Canada, June 3rd, 2015. (oral presentation)

50. Wanigaratne S*, Cole D, Bassil K, Hyman I, Moineddin R, Urquia M. *Risk factors for preterm birth: refugee status and secondary migration*. North American Refugee Health Conference. Toronto, Ontario, June 4-6, 2015. (Oral Presentation)
51. Wanigaratne S*, Cole D, Bassil K, Hyman I, Moineddin R, Urquia M. *Severe maternal morbidity among refugee women*. North American Refugee Health Conference. Toronto, Ontario, June 4-6, 2015. (Oral Presentation)
52. Poland B, **Cole DC** (Pre-conference workshop co-organizers). Addressing the Ecological Determinants of Health – Implications for ongoing Public Health Education and Practice. Canadian Public Health Association. Toronto, Ontario. 2016 June 13.
53. Sritharan, J*, Demers, PA., Harris, SA., Cole, DC., Cheryl E Peters., the Canadian Cancer Registries Epidemiology Group, & Villeneuve, PJ. (2016). Occupational risk factors for prostate cancer in a Canadian national level case-control study. Canadian Association for Research on Work and Health (CARWH), Toronto, Canada, October 16-18th, 2016
54. Cole D, McLaughlin J, Weiler A. Food insecurity and the Canadian temporary farm labour migration regime: to what end? Advancing Food Insecurity Research in Canada. PROOF conference. 2016 Nov 17-18. University of Toronto. http://proof.utoronto.ca/wp-content/uploads/2016/12/Cole_PROOFconference.pdf
55. Ng E, Fox A, Motran A, Cole DC. Experiential-Reflective learning in a graduate dietetics food systems course. Canadian Assn Food Studies. Toronto, ON. 2017 May 27-Jun 2.

Accepted

International

1. **Cole DC**, Weinger M. Health promotion and pesticides: the Nicaraguan strategy. APHA Annual Scientific Conference, New Orleans, Louisiana, US. Oct 1987
2. **Cole DC**, Carpio F, Leon N, Bravo V, Almeida HD. Pesticide poisonings in Highland Ecuador. APHA 121st Annual Meeting. San Francisco, CA. Oct 1993
3. Shannon HS, **Cole DC**, Beaton DE. Work-related musculoskeletal disorders, stress and chronicity. Work, Stress and Health '95: Creating Healthier Workplaces. Washington, DC. 13 Sept 1995
4. Shannon HS, **Cole DC**, Beaton DE. Work-related musculoskeletal disorders, case management and chronicity. 2nd International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders, PREMUS '95. Montréal, Québec. 25-28 Sept 1995

5. Sinclair SJ, Erdeljan S, Hogg-Johnson S, Kralj B, Mondloch M, **Cole DC**, Frank JW. Evaluation of effectiveness of an early, active intervention program for workers with musculoskeletal injuries. 2nd International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders, PREMUS '95. Montréal, PQ. 25-28 Sept 1995
6. Hudak PL, Amadio PC, Bombardier C and the Upper Extremity Collaborative Group (includes **Cole DC**). Development of an upper extremity health status instrument. 2nd International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders. PREMUS 95. Montréal, PQ. 25-28 Sept 1995
7. Frank JW, Brooker A-S, Kerr MS, Shannon HS, **Cole DC**. Limitations on the use of attributable risk estimates for deciding workplace attribution of occupational health outcomes. 2nd International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders, PREMUS '95. Montréal, PQ. 25-28 Sept 1995
8. **Cole DC**. A framework for understanding health risks and benefits of fish and wildlife consumption. IAGLR's 39th Conference on Great Lakes Research. Erindale College, Mississauga, ON. 26-30 May 1996 (Session co-organizer)
9. Kearney J, **Cole DC**. Great Lakes anglers' exposure assessment study. IAGLR's 39th Conference on Great Lakes Research. Erindale College, Mississauga, ON. 26-30 May 1996
10. Sheeshka JD, **Cole DC**, Hooper M, Kraft D, Young-Leslie H. Quantitative results of a shoreline assessment of fish and wildlife consumption. IAGLR's 39th Conference on Great Lakes Research. Erindale College, Mississauga, ON. 26-30 May 1996
11. Shannon HS, **Cole DC**, Polanyi MF, Beaton DE, Chung J, Ferrier SE, Mondloch MV, Smith JM. Studying WMDS's in newspaper office workers: collaborating with labour and management. International Committee on Occupational Health. Sept 1996
12. Frank JW, Sinclair SJ, Hogg-Johnson S, Shannon HS, Bombardier C, Beaton DE, **Cole DC**. How early is too early? The instructive case of occupational back pain rehabilitation. 18th World Congress of Rehabilitation International. Auckland, New Zealand. 15-20 Sept 1996
13. The Upper Extremity Collaborative Group (includes **Cole DC**). Development of an upper extremity outcome measure: the "DASH" (Disabilities of the Arm, Shoulder and Hand). International Quality of Life Meeting. Paris, France. Oct 1996
14. Sheeshka J, Kraft D, Dawson J, **Cole DC**. The urban fishery: recreation, culture & food. International Conference on Sustainable Urban Food Systems. Toronto, ON. May 1997
15. Hogg-Johnson S, **Cole DC**, Frank JW et al. Early prognostic factors for duration of benefits among workers with compensated soft tissue injuries. Abstract at the 2nd International forum for primary care research on low back pain. The Hague, The Netherlands. 30-31 May 1997
16. Wells R, Woo H, Norman R, **Cole DC**, Shannon H, Bao S. EMG of the forearm and hand as an exposure method for epidemiologic studies of WMSD in office environments. International Ergonomics Association. Aug 1997

17. Valaitis R, Chambers L, **Cole DC**, Ehrlich A, O'Mara L, Rideout L and Van Berkel C. Stop, look and listen: using interactive multimedia technology to teach the process of community action. Involvement of communities in health professions education: Challenges, opportunities and pitfalls. 20th Network Anniversary Conference. Mexico City, Mexico. 19-24 Oct 1997
18. **Cole DC**, Antle J, Crissman C, Julian J, Carpio F. Health Effects of pesticide use and tradeoffs between health and agriculture production in Ecuador. P 158 of Book of Abstracts from International conference on pesticide use in developing countries: Impact on health and environment. San José, Costa Rica. 23-28 Feb 1998
19. **Cole DC**, Carpio F, Merino R, Leon N, Crissman C. Characterizing exposure to pesticides in potato production in Ecuador. P 160 of Book of Abstracts from International conference on pesticide use in developing countries: Impact on health and environment. San José, Costa Rica. 23-28 Feb 1998
20. Keir PJ, Wells RP, **Cole DC**, Manno M, Beaton DE, Grossman J. Surface EMG as a diagnostic aid for upper-limb work-related musculoskeletal disorders. North American Congress of Biomechanics (NACOB). Waterloo, ON. Aug 1998
21. Ibrahim SA, Goel V, Shannon HS, **Cole DC**. Job strain, general health perceptions and health care utilization among Canadian workers. 1st International ICOH Conference on Psychosocial Factors at Work. Copenhagen, Denmark. 24-26 Aug 1998
22. Beaton DE, **Cole DC**, Manno M, Hogg-Johnson SA, Bombardier C, and the Worksite Upper Extremity Group. The implication of case definition in surveys of WMSD. PREMUS/ISEOH Conference. Helsinki, Finland. 21-25 Sept 1998
23. Wells R, Norman R, Shannon HS, **Cole DC**, Woo H, Bao S. Exposure assessment in the upper limbs of VDT operators using electromyography: responsiveness to different tasks. PREMUS/ISEOH Conference. Helsinki, Finland. 21-25 Sept 1998
24. **Cole DC**, Beaton DE, Swift M, Manno M, and the Worksite Upper Extremity Group. Change in musculoskeletal problems of the neck and upper limb among newspaper workers: a one-year follow-up study. PREMUS/ISEOH Conference. Helsinki, Finland. 21-25 Sept 1998
25. Smith JM, **Cole DC**, Manno M, Beaton DE. Comparing severity indices for upper extremity work-related musculoskeletal disorders (WMSDs) across multiple indicators. PREMUS/ISEOH Conference. Helsinki, Finland. 21-25 Sept 1998
26. Arbuckle TE, Burnett R, **Cole DC**, Teschke K, Dosemeci M, Bancej C, Zhang J. Predictors of herbicide exposure in farm applicators and misclassification. 2000 Annual Meeting of the International Society of Exposure Analysis. Monterey, California. 24-27 Oct 2000
27. Wainman BC, **Cole DC**, Harper PA, Corda C, Ryan JJ, Weber JP. Society of Toxicology, USA, Maternal Environmental Contaminant Levels and Time to Pregnancy in Primiparae. 25-29 March 2001
28. Hogg-Johnson S, **Cole DC**, Lee H and the Worksite Upper Extremity Group. Tracking impacts on disability outcomes of workplace research/interventions using administrative data sources. 4th International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders (PREMUS). Amsterdam, The Netherlands. 30 Sept - 4 Oct 2001

29. Crissman CC, **Cole DC**, Sherwood SS, Espinosa P. Potato production and pesticide use in Ecuador: Linking impact assessment research and rural development intervention for greater eco-system health. Impact Assessment Workshop. Costa Rica, February 2001
30. Crissman CC, **Cole DC**, Sherwood S, Espinosa P, Yanggen D. Potato production and pesticide use in Ecuador: linking impact assessment research and rural development intervention for greater eco-system health. International Conference on Agricultural Research and Development. San José, Costa Rica. 4-7 Feb 2002
31. Kerr MS, Hepburn G, Ibrahim I, **Cole DC**, Norman RWK, Wells R, Frazer M, Neumann P. Distinguishing Between the Psychological and Physical Demands of Work: Modifications to Karasek's Psychological Demand Scale. XVI IEA World Congress of Epidemiology in Montréal, Canada, 18-22 August 2002
32. Neumann WP, Forsman M, Kihlberg S, Mathiassen SE, Wells RP, Norman RW, Frazer MB, **Cole DC**, Alpaugh A, Winkel J (2002), Initiating an Ergonomics Process - Tips, Tricks and Traps. Commentary from Focus Groups and Case studies. Proceedings of the Nordic Ergonomics Society Annual Conference, pp 597-602
33. Koehoorn M, **Cole DC**, Hertzman C, Lee H. Work-related musculoskeletal injuries and costs of general health care utilization. International Congress on Epidemiology in Occupational Health, Barcelona, Spain. 11-13 September 2002 (oral presentation)
34. Idrovo AJ, Sanin LH, **Cole DC**, Chavarro J, Caceres H, Narvaez J, Restrepo M. Tiempo para lograr el primer embarazo entre mujeres horticolas colombianas. X Congreso de Investigacion en Salud Publica. Cuernavaca, Mexico. March 2003
35. **Cole DC**, Granow K, Theberge N, Frazer M, Laing A, Wells R, Norman R. Participatory processes in organizational interventions for injury reduction. Work, Stress and Health. Toronto, ON. March, 2003
36. **Cole DC**, Polanyi M, and the Worksite Upper Extremity Research Group. Collaborative workplace research on Repetitive Strain Injury (RSI). Work, Stress and Health. Toronto, ON. March, 2003
37. **Cole DC**, Ibrahim S, Lewchuk W, Kerr MS, Wigmore D, Haines AT, Robertson D, Zsoldos J. Working blood pressure: point versus ambulatory comparisons. Work, Stress and Health. Toronto, ON. March, 2003
38. Griffith L, Shannon H, Wells R, **Cole DC**, Hogg-Johnson S, Walter S. The use of individual participant data (IPD) for examining heterogeneity in a meta-analysis of biomechanical workplace risk factors and low back pain. Program in Occupational Health and Environmental Medicine. PREMUS 2004 – Fifth International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders. Zurich, Switzerland. July, 2004
39. **Cole DC**, Manno M, Hogg-Johnson S, Ferrier S, Wells R, Swift M, Moore A, Polanyi M, Van Eerd D, Kennedy C, Ibrahim S, Lee H, Subrata P, Beaton D, Shannon H. Changes in WMSD risk factors and burden with implementation of an Ergonomic Policy. Program in Occupational Health and Environmental Medicine. PREMUS 2004 – Fifth International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders. Zurich, Switzerland. July, 2004

40. Bassil K, **Cole DC**, et al. Public Health Surveillance for World Youth Day 2002: An Event Specific Syndromic Surveillance Network. The 2004 Syndromic Surveillance Conference. New York City, New York, USA. 4 November 2004
41. Dixon S, Theberge N, **Cole DC**. “We get things done because of the health and safety manager.” Exploring the social dynamics of occupational health and safety programs. North Central Sociological Association Annual Meetings. Pittsburgh, Pennsylvania. 7-10 April 2005
42. Bassil K, Gournis, E, **Cole DC**, Utility of 911 Ambulance Dispatch Data for the Syndromic Surveillance of Heat-Related Illness. 2006 Syndromic Surveillance Conference, International Society for Disease Surveillance (ISDS), Baltimore Maryland, USA. 19-20 October 2006
43. Griffith L, **Cole DC**. Mechanical exposure information available in studies assessing the relationship between workplace factors and low back pain. PREMUS 2007 -- Sixth International Scientific Conference on Prevention of Work-Related Musculoskeletal Disorders, Boston, MA. August 27-30, 2007
44. Van Eerd D, Chen C, **Cole DC**, Hogg-Johnson S, Wells R, Moore A, Mazumder A. Changes in mechanical exposures among office workers. PREMUS 2007 -- Sixth International Scientific Conference on Prevention of Work-Related Musculoskeletal Disorders, Boston, MA. August 27-30, 2007
45. Van Eerd D, **Cole DC**, Village J, Theberge N, St Vincent M, Irvin E, Clarke J, Keown K, Mahood Q, Widdrington H. Process and Implementation of participatory Ergonomics: reviewing the literature. PREMUS 2007 -- Sixth International Scientific Conference on Prevention of Work-Related Musculoskeletal Disorders, Boston, MA. 27-30 August 2007
46. Griffith L, Shannon H, Wells R, **Cole DC**, Hogg-Johnson S. Individual participant data (IPD) meta-analysis of workplace mechanical exposures and low back pain. The 19th International Conference on Epidemiology in Occupational Health (EPICOH 2007), Banff, AB. 9-12 October 2007
47. Rivilis I, Amick BC, **Cole DC**, Clarke A, Scott L. Poster: Benchmarking Work Disability Management – Preliminary Results of Utility and Outcomes. The 19th International Conference on Epidemiology in Occupational Health (EPICOH 2007), Banff, AB. 9-12 October 2007
48. Bassil K, **Cole DC**. Association Between Temperature and 911 Calls for Heat-Related Illness: Potential for Syndromic Surveillance. Sixth Annual International Society for Disease Surveillance Conference, Indianapolis, IN. October 11-12, 2007
49. Bassil KL, **Cole DC**, Tomic K. The effectiveness of public health interventions to reduce morbidity and mortality during heat episodes. 18th International Congress on Biometeorology. Tokyo, Japan. September 2008
50. Bassil KL, **Cole DC**, Tomic KE. Public health interventions to reduce urban health inequalities during heat episodes. International Conference on Urban Health. Vancouver, BC. October 2008

51. Bassil KL, **Cole DC**, Pacheco E, Gozdyra P. A surveillance system to detect heat-related illness in a Canadian urban centre. International Conference on Urban Health. Vancouver, BC. October 2008
52. Cornelia Loechl, Abdelrahman Lubowa, **Cole DC**, Gordon Prain and Jan Low. Involving Schoolchildren in Orange-fleshed Sweetpotato Promotion – Achievements in Kampala. 15th Triennial Symposium of the International Society for Tropical Root Crops. Lima, Peru. 2-6 November 2009
53. Mbugua S, Yeudall F, Tuitoek PJ, **Cole DC**, Sellen D, Webb A, Karanja N, Prain G, Njenga M. Measuring The Level Of Household Food Insecurity Among The Urban Poor: The case of HIV/AIDS affected households in Nakuru Municipality, Kenya. Proceedings of the 8th International Conference on Urban Health, ICUH 2009, Nairobi, Kenya. 18-23 October 2009
54. Barry Pakes, **Donald Cole**, Kathryn Parker, Amaya Singh, Jennifer Christian, Judy Kopelow, Elayna Fremes. Global Health Education Institute: Evaluation in A Certificate Program for Post-Graduate Trainees. 2010 Conference of the Association for Medical Education in Europe (AMEE), Glasgow, Scotland. 6-8 September 2010
55. **Cole DC**, Orozco F, Wanigaratne S, Ibrahim S. Community, household and individual predictors of agricultural household health: a multi-level analysis. Abstract 0619, 3rd North American Congress of Epidemiology. Montreal, Quebec. 21-24 June 2011
56. Sanin LH, **Cole DC**, Harlow SD, Solomon KR, Chavez-Corral DR, Carrasquilla G. Regional rural differences in the epidemiological characteristics of the menstrual cycle (MC), according to agrochemical (AC) use, in a country of Latin America. International Society for Environmental Epidemiology. Barcelona, Spain. 13-16 September 2011
57. Hogg-Johnson S, Robson L, **Cole DC**, Tompa E, Subrata P, Smith P, Amick III BC, Mustard C. A Randomized Controlled Study of Targeted Occupational Health & Safety Consultation or Inspection in Ontario Workplaces. Honorable mention in the 2011 National Occupational Injury Research Symposium (NOIRS) Intervention Evaluation Contest. October, 2011.
58. Machira YW, Levin C, Kurji J, Ouedrago H, Kedera E, Loechl C, **Cole DC**, Low J. Operational research to inform the design of an integrated agriculture and health delivery strategy to improve pregnant women's health and maximise the nutritional benefits of orange fleshed sweet potato in Western Kenya. Kemri-CDC 2nd Nyanza Scientific Conference, Tom Mboya Labour College, Kisumu, Kenya. 19 January 2012
59. McKellar K, Cole DC, Pitzul K. A systematic scoping review of frameworks to evaluate communities of practice and knowledge networks. American Evaluation Association Conference 27th Annual Conference, Washington, DC, USA. Oct 16-19, 2013
60. Susitha Wanigaratne, Donald Cole, Kate Bassil, Ilene Hyman, Rahim Moinedin, Marcelo Urquia. The migration journey of refugee women to Ontario, Canada and preterm birth of offspring. 5th Annual European Migrant Health Conference Granada, Spain April 11, 2014
61. **Cole DC**. International Health, global health, and ecohealth research capacity strengthening – what role regions? Otago International Health Research Network 7th Annual Conference. Dunedin, New Zealand. 2014 November 12-13

62. Levin C, Grant F, Low J, Webb Girard A, Self J, Wanmala M, Hu J, Cole D. Designing, implementing and assessing the costs and benefits of an integrated agriculture and health project to improve nutrition outcomes: the evaluative process for the Mama SASHA project. Micronutrient Forum, Addis Abbaba, Ethiopia, 2014.
63. Archbold J, Mulligan K, Wegener J, Seccombe W, Cole DC. Farming in the city: how to collect, analyse and communicate ecosystem, social and human health impacts of urban agriculture? EcoHealth 2014. 5th Biennial Conference of the International Association for Ecology & Health. Montreal, Qc, Canada. Aug 11-15, 2014
64. **Cole DC**, Medel J. Resilience and Sustainability of Communities of Practice: What are we aiming for? How can we get there? How will we know we have 'arrived'? Workshop lead organizer. EcoHealth 2014. 5th Biennial Conference of the International Association for Ecology & Health. Montreal, Qc, Canada. Aug 11-15, 2014
65. Feagan M, McKellar K, **Cole DC**. Leveraging across the range: reflecting on ecohealth field-building for individuals, organizations and our networks moving forward. Workshop co-leader. EcoHealth 2014. 5th Biennial Conference of the International Association for Ecology & Health. Montreal, Qc, Canada. Aug 11-15, 2014
66. Imelda Bates, Nadia Fazal, Lot Nyirenda, **Donald C Cole**. Learning from a national initiative to develop health research capacity in Malawi. 3rd Global Symposium on Health Systems Research, Capetown, South Africa, 2014 Sept 30-Oct 3.
67. Self JL, Webb-Girard A, Grant F, Low J, Levin C, Cole DC. Infant nutritional outcomes in an integrated agriculture, health and nutrition program in western Kenya. Preliminary findings from the Mama SASHA cohort for vitamin A (COVA) study. Experimental Biology, Nutrition Section. March 2015.
68. Grant, F.K., Webb Girard, A., Okuku H.S., Levin, C., Cole, DC., Low, J. Evaluating the Effectiveness of a Nutrition-Sensitive Agriculture Intervention in Western Kenya: Design and Preliminary Findings of the Mama SASHA project. Federation of African Nutrition Societies (FANUS) scheduled for 25-29 May 2015 in Arusha, Tanzania
69. Julie L. Self, Amy Webb Girard, Deborah McFarland, Frederick K. Grant, Jan Low, Donald Cole, Carol Levin. Cost and cost-effectiveness of Mama SASHA project- an integrated health and agriculture project to maximize the nutrition outcomes among pregnant women and their children in Western Kenya. International Health Economics Association. July 2015
70. Alison Blay-Palmer, Charles Levkoe, Damien Conare, Molly Anderson, Guido Santini, Kent Mullinix, Sally Miller, Peter Andree, **Donald Cole**. Roundtable on Food METRICS (Measuring Transformation In City/Region Systems). Scarborough Fare 2016 (ASFS/AFHVS/CAFS Annual Meeting and Conference), University of Toronto Scarborough. 2016 June 22-25
71. **Cole DC**. Agricultural work, food systems, ecosystems and human health: what framings and methods can improve research impact? Scarborough Fare 2016 (ASFS/AFHVS/CAFS Annual Meeting and Conference), University of Toronto Scarborough. 2016 June 22-25
72. Weiler A, McLaughlin J, Cole DC. International Rural Sociology Assn Conference. Toronto, ON. 2016 August 10-12.

73. Sritharan, J.*, Demers, PA., Harris, SA., Cole, DC., Cheryl E Peters., the Canadian Cancer Registries Epidemiology Group, & Villeneuve, PJ. (2016). Occupational risk factors for prostate cancer in a Canadian national level case-control study. 25th EPICOH: Epidemiology in Occupational Health Conference, Barcelona, Spain, September 4-7th, 2016.
74. Lau L, Lim K, Matous P, **Cole D**. Can social network analytics be integrated into the performance evaluation of development interventions? What Works Global Summit. London UK. 2016 Sept 26
75. Parnia A*, Shakra Y, Donald C Cole. The Need for Anti-racist Frameworks in Community-Based Participatory Research (CBPR): Reflections from Environmental Public Health. Panel Chair. Decolonizing Conference, CIARS 2016. Nov 3-5. OISE at UofToronto.
76. Kaileah A. McKellar*, Johanne Saint-Charles, Whitney Berta, Donald C. Cole, Rhonda Cockerill. Evaluating Communities of Practice. Case study with CoPEH-Canada. One Health EcoHealth Congress, Melbourne December 5, 2016 [with CoPEH-ON Travel fellowship \$2000]
77. FREDERICK GRANT, Rose Wanjala, Jan Low, Carol Levin, Donald Cole, Haile Selassie Okuku. Robert Ackatia-Armah. Effect of infection on nutritional status of infants in a cohort study of Vitamin A in western Kenya. IUNS - ICN 15-20 October 2017 BUENOS AIRES, ARGENTINA Number: 144/2611 Type: Abstract
78. Perumal N*, Bassani DG, Cole DC, Zlotkin SZ, Barros AJ, Matijasevich A, Santos I, Barros FC, Roth D. “Effect of gestational age correction on association between length-for-age z-scores during infancy and cognitive development at 6 years of age”. 10th World Congress on the Developmental Origins of Health and Disease (DOHaD), Rotterdam, Netherlands. October 15th-18th, 2017.

Submitted

Accepted

2. SCIENTIFIC POSTERS

PEER-REVIEWED POSTERS:

Local

1. LaBella D, Strong S, Reardon R, Shannon HS, Baptiste S, **Cole DC**, Clarke J, Gibson E, Sinclair S. Analysis of organizational and stressor profiles: Preliminary findings from a functional assessment study. McMaster University Student Research poster. July 2000

2. McDermott S, **Cole DC**, Krasevec J, Berti P, Ibrahim S. and collaborators. Relationships between nutritional status and neurobehavioural function: implications for assessing pesticide effects among farming families in Ecuador. Centre for International Health – First Annual Global Health Research Conference. Toronto, ON. 3-4 May 2002

Provincial/Regional

1. Krepostman S, Bigelow PL, Ferrier S, Maracle S, McKean C, Van Eerd D, Subrata P, **Cole DC**, Franche RL, Kramer D, Wells R, Zohar D. Evaluation of Data and Information Exchange in a Health and Safety Association-initiated Collaborative Partnership to Implement Participatory Ergonomic Programs. Industrial Accident Prevention Association (IAPA) Conference. Toronto, ON, 16-18 April 2007
2. Dixon S, Theberge N, Wells R, **Cole DC**. “We didn’t have the right people involved”: Securing support for the implementation of participatory ergonomic interventions. Industrial Accident Prevention Association (IAPA) Conference. Toronto, ON, 16-18 April 2007
3. Sritharan, J., Demers, PA., Harris, SA., **Cole, DC.**, Kreiger, N., Sass-Kortsak, A., & Lightfoot, N. (2016). Employment in natural resource based industries and prostate cancer risk in Northeastern Ontario, Canada. Cancer Care Ontario Research Day, Toronto, Canada, April 18th, 2016.

National

1. Lee H, Hogg-Johnson S, **Cole DC** and the Worksite Upper Extremity Research Group. 10 Year Trends in Musculoskeletal (MSK)-Related Drug Utilization Before and During a Collaborative Workplace Research Project. Canadian Society of Epidemiology and Biostatistics (CSEB) 2003 Biennial Meeting, Halifax, NS. 8-11 June 2003
2. Ibrahim S, **Cole DC**, Sanin LH, Wainman B. Environmental Contaminant Levels and Fecundability Among Non-smoking Couples in Hamilton Ontario. Canadian Society of Epidemiology and Biostatistics (CSEB) 2003 Biennial Meeting, Halifax NS. 8-11 June 2003
3. Pole JD, Mustard C, **Cole DC**. The Longitudinal Association of Asthma, Back Problems and Depression: Is there a common underlying mechanism? Canadian Society of Epidemiology and Biostatistics (CSEB) 2003 Biennial Meeting, Halifax, NS. 8-11 June 2003
4. **Cole DC**, Sinclair SJ, Frank JW et al. Evaluating community based clinics for treatment of soft tissue injuries in Ontario workers. CPHA Annual Scientific Conference. St. Johns, NF. July 1993
5. **Cole DC**, Julian JA, Carpio F, Leon N. Pesticide health impacts on Ecuadorian potato farms. Canadian Society for Epidemiology and Biostatistics. St. John's, NF. 16-19 Aug 1995
6. **Cole DC**, Kearney J, Gilman AP, Ryan JJ. Plasma PCB, Dioxin and Furan levels in Ontario Great Lakes anglers. Dioxin '95. Edmonton, AB. 21-25 Aug 1995 (Obtained first prize out of 300 poster applicants)
7. Kearney J, **Cole DC**, Dawson J, Khan H, Sheeshka J, Waugh A, Weber JP. Overview of the Great Lakes fish eaters' study. Great Lakes/St. Lawrence Health Conference 97. Montreal, PQ. 12-15 May 1997

8. Wang H, Hogg-Johnson S, **Cole DC**, Corey P. A six year follow up record linkage study of recurrences of compensable soft-tissue injuries. Canadian Society of Epidemiology and Biostatistics. London, ON. 25-28 May 1997
9. **Cole DC**, Kerr MS, Brawley LR, Ferrier S, Frazer MB, Hogg-Johnson S, Kerton R, Neumann WP, Norman RW, Polanyi MF, Shannon HS, Smith JM, Wells RP. Workplace interventions for health: Dilemmas & challenges. ASAC-IFSAM 2000 (Administrative Sciences Association of Canada), (International Federation of Scholarly Associations of Management). Montreal, PQ, 9-11 July 2000
10. Bienefield M, **Cole DC**, Marrett L, McLaughlin J. Use of a non-response form in a mail-based epidemiologic survey. Congress of Epidemiology-Canadian Society of Epidemiology and Biostatistics (CSEB) Toronto, Canada, June 2000
11. Frazer MB, Wells RP, Norman RW, Theberge N, **Cole DC**, Kerr MS, Laing AC, Brawley LR, Kerton R. Assessment of the effectiveness of evidence-based ergonomic decisions in workplaces for prevention of work-related musculoskeletal disorders (WMSD). 1st National Symposium: Canadian Association for Research on Work and Health (CARWH). Toronto, ON. 18 Nov 2001
12. **Cole DC**, Beaton DE, Ferrier SE, Hepburn G, Hogg-Johnson S, Kerr MS, Kramer D, Polanyi MF, Robson LS, Shannon HS, Swift M, Wells RP, Frazer M, Norman R, Theberge N, Moore A. Workplace interventions to reduce the burden of work-related morbidity: A program of research on evaluating implementation and effectiveness. 1st National Symposium: Canadian Association for Research on Work and Health (CARWH). Toronto, ON. 18 Nov 2001
13. Mustard CA, **Cole DC**, Shannon HS, Pole J, Sullivan TJ, Allingham R, Sinclair S. Does the decline in workers' compensation claims 1990-2000 in Ontario correspond to a decline in the incidence of workplace injuries? 1st National Symposium: Canadian Association for Research on Work and Health (CARWH). Toronto, ON. 18 Nov 2001
14. Laing AC, Frazer MB, Wells RP, Norman RW, Theberge N, **Cole DC**, Kerr MS, Brawley LR. Evidence Based Ergonomics Decisions – Effects of Knowledge Transfer on Corporate Redesign Strategies. HEALNet Researchers Invitational Workshop. Ottawa, ON. 23 Nov 2001.
15. Dufton J, Koehoorn M, **Cole DC**, Hertzman C, Ibrahim S, Ostry A. Investigating Trends in Mental Disorders among a Cohort of Health Care Workers in British Columbia. Second National Symposium of the Canadian Association of Research in Work & Health Symposium (CARWH), University of Sherbrooke, Montreal, QC. 25-26 October 2003
16. Reid MJ, Frazer M, **Cole DC**, Wells R. A case study on the impact of reducing belt speed on the warehouse of a company in the transportation sector. Association of Canadian Ergonomists. Windsor ON. October 2003
17. Rivilis I, **Cole DC**, Hogg-Johnson S, Clarke A, Scott L. Work disability management benchmarking collaborative – Development of standardized metrics. Canadian Association for Research on Work Meetings and Health (CARWH) International Conference. St. John's NL. 7-10 June 2006.
18. Rivilis I, **Cole DC**, Scott L. Characterizing patterns due to mental health absences among workers on short-term disability. Canadian Congress on Research on Mental Health and Addiction in the Workplace, Vancouver, BC. May 2007

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Local

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Women's TV Network (WTN) and City TV, Toronto, re: Repetitive Strain Injury (RSI) 1998.

Multiple on 'RSI' for the Institute for Work & Health through media releases

Provincial

TV Ontario re: Health Effects of Environmental Contaminants "Great Lakes Alive" 1994.

National

CBC Radio re: "Fish and Wildlife Nutrition Project" 1996.

International Congress on Work & Health for CBC Radio affiliates, June 1999.

Recovery Expectations Interviews with multiple media representatives, July 2001

Multiple on Pesticides and Health nationally during Ecosystem Health lecture tour, February 2002

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International

Usually my collaborators in Lower and Middle Income Countries do the interviews, though I have appeared on local radio.

Benefits of better expectations (Cole et al CMAJ 2002) has been cited widely e.g.

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PART H – TEACHING AND DESIGN

1. TEACHING STATEMENT

Development of My Teaching Philosophy

Perhaps because my mother was an adult educator in the community college system, I was drawn to sharing my academic learning with others. While in medical school, I worked with several others to develop and teach occupational health and safety courses for trade unionists. While teaching, our group and later worker-instructors modelled teaching methods that *promoted learners taking an active role in the educational process*: sharing their experiences and understanding of workplaces; questioning instructors and other learners; and formulating approaches to different problems.

Dr. Niall Byrne of the Division of Studies in Medical Education, Faculty of Medicine at U of T served as a mentor to me. He helped me transition these approaches to graduate training in the Community Health Division Core III course on "Issues in Community Health". These helped me lead *popular education* workshop design, educational material development and program implementation as an *internacionalista* in Nicaragua during the heady days of social transformation in that country during the 1980's (see also my CPA statement). During my residency at McMaster, with its emphasis on *problem-based learning*, I read Malcolm Knowles on the practice of adult education, and attended a workshop on Tutorial Skills for Small Group Learning Workshop in order to improve my facilitation skills. With these experiences, I have developed an *adult learning* philosophy that guides my contributions.

Course Participation

As can be seen in the Courses Taught section below, I have taught a wide variety of subjects across the spectrum from undergraduate lectures to doctoral seminars (see Data Summary Table 7 on Teaching). In the winter of 2003, I hosted a colleague doing his Masters in Higher Education during my Epidemiological Methods II tutorials. His reflective observation and our discussions spurred me to read books and articles on the teaching of epidemiology and then, with a doctoral student and the Program Director, revisions to epidemiology courses. In courses, I do my best to *draw out students' own experiences* to reflect upon, as a way of understanding the meaning of different concepts. I introduce new material in light of their existing understanding, to move them incrementally towards more organized or refined knowledge of a topic. I articulated this approach, with colleagues from across Canada, as a spiral of learning in a chapter

on teaching global health ethics (Chapter #34, Part E). In large groups, I pose questions and engage students in dialogue, as exemplified by my lecture on global health in the Introduction to Public Health Sciences (see Dossier, Teaching & Education #1). In small groups with multiple sessions, I can do this more interactively over time with the participants, e.g. with a mix of residents in the GHEI Environmental Health Module and graduate students in the Environmental Epidemiology course (Dossier, Teaching & Education #2). The latter exemplifies my attention to explicit learning objectives to orient myself, guest instructors and the students.

Materials Development

For the Community Medicine Residency Program at McMaster, I worked with a resident and colleague on the development of a guide to environmental health issues, skills and resources, drawing on experience with the Great Lakes Scholars Program (Orris, Cole et al Education Funding). The guide was used by residents to build their knowledge and skills in fulfilling Royal College objectives, both at McMaster and Toronto, in *diverse ways* e.g., self-study with a mentor, outline for set of rounds, or a guide to an environmental health placement.

In 1995-1996, I worked with a group of university and Teaching Health Unit colleagues to identify a gap in both students' and practitioners' skills in community health assessments. We obtained funding (Valaitis, Cole et al Education funding) to develop a computer-assisted instruction program as a *flexible learning tool* to be used individually or in small groups in undergraduate, graduate and continuing education. I took responsibility for the environmental health component. The process of conceptualizing how learners might navigate through a complex linked programme was a big challenge involving many hours of discussion but was successful in producing a CD-ROM which was marketed by the Canadian Public Health Association for over a decade.

I had found that student researchers often struggle to frame and adapt research methods to work with partners in the developing world. Hence, in 2002, I suggested to the then Director of the Centre for International Health that I lead the development of a course. I interviewed and sought materials from global health researchers in the faculty, canvassed other courses on campus and did literature searches for relevant articles and materials. The Centre provided some funding for an MHSc practicum student who I supervised to work with me and a social science colleague, Catherine Chalin, on a modular mixed methods course called Global Health Research Methods. In this course, students either plan the major phases of research design, implementation, and dissemination or write it up for publication (see Dossier, Teaching & Education #3). Now offered every year, the course continues to receive favourable feedback from participants (ratings between 4.5-5.0/5 on different items, the past two years).

I also co-developed modules in workplace visits and ethics for the *transdisciplinary* Work Disability Prevention research training program (Loisel et al in Education Funding, and peer-reviewed paper #77). I invited an ergonomist-engineer colleague to jointly develop a module on workplace factors relevant to work disability prevention for doctoral students and post-doctoral fellows from across Canada and Europe. The module included an introduction, orientation to workplace visits, workplace interviews and observations, and then classroom discussion. The rich diversity of training and professional backgrounds of students, coupled with the complexity of workplace relationships and conditions, made for fascinating debates which I moderated during the discussion of their module tasks.

Curriculum Design

While a research fellow at McMaster, I worked with colleagues on a *full new continuing education Diploma* in Environmental Health. I was the health practitioner-scientist working with two medical geography colleagues. I wrote the teaching philosophy section, contributed to the overall design of the curriculum, and designed about one third of the twelve modules. Subsequently, we received funding to adapt the course to distance education (Elliot et al in Education Funding).

I led the development of our ground-breaking U of T Collaborative PhD Program in Global Health (<http://www.dlsph.utoronto.ca/degree-information/collaborative-doctoral-program-global-health>) in conjunction with DLSPH social science colleagues and members of cognate departments and clinical faculty across the university (see Dossier, Teaching & Education #4). This was the first such program globally as best we could tell through web searches and discussions with colleagues. I led its core doctoral seminar for three academic years, building upon my adult learning teaching philosophy to foster a climate of challenging discussion and supportive collaboration among students (Peer-reviewed presentation, national #50 at Consortium of Universities for Global Health conference). This core doctoral seminar has been a key form of support to doctoral students, receiving ratings on items ranging from 4.1-5.0/5 (2010-2012). Along with my mentoring role as Program Director, was the primary basis for my being awarded the Robin Badgley Award for Teaching Excellence (Awards Part B.3; Dossier, Teaching & Education #5).

I have extended this experience in working with colleagues from Sub-Saharan Africa, Europe and Australia on the Welcome Trust-Ford Foundation-Swedish International Development Agency funded Consortium for Advanced Research Training in Africa (CARTA) in population and public health. Our Curriculum Committee designed a set of four Joint Advanced Seminars (JAS) for African doctoral students from a range of disciplines. I designed an entire seminar (JAS4) as input to a CARTA workshop at Warwick University June-July, 2012 and led the development of the Educator Role week for JAS4, which I then lead taught in 2014 and 2015. Every year I coordinated a week of the three-week training program, taking responsibility for particular sessions (see Dossier, Teaching & Education #6). We have received positive feedback from CARTA fellows for JAS1, with good suggestions for modifications (Peer reviewed poster, international, #56). CARTA teaching experiences formed the basis for peer review papers (#213).

Further, I have gradually grown education on ecosystem approaches to human health (ecohealth), initially with participation in CoPEH-Canada short-courses (peer reviewed paper #209), and then co-development of courses at UofT – both graduate, and, in 2016-2017, undergraduate.

Supervision

One of the most rewarding applications of an “adult learning” philosophy is during supervisions of trainees, from undergraduates to post-doctoral fellows (see section below for past supervision and Annual Activity Reports for current roster).

The trainees explore a wide range of environment and health and, more recently, global health research questions. Some build on research in which I am the principal investigator (MPH

Epidemiology Jessica Leah paper# 154; MPH Health Promotion Dan-Bi Cho #174 & personal note Dossier #7) or co-investigator (MPH Epidemiology Nandita Perumal #172). These include junior colleagues from lower and middle-income countries, e.g. from Ecuador, Fadya Orozco (Brazilian university), and Myriam Paredes (European university). Many trainees initiate their own projects (e.g. MPH Inter-disciplinary, Gillian Morantz published refereed papers #163&165; MPH Health Promotion-Epidemiology, Heather Rilkoff #169; PhD Social & Behavioural Health Sciences, John Pringle #127; PhD Epidemiology, Beth Rachlis, #142 & #171). I support them in obtaining salary and travel funds, submitting ethics proposals, implementing their research, and writing it up for publication (their names underlined or *ed in published refereed paper, presentation and posters sections).

Mentoring

Across diverse stages in their training, trainees have remarked that I am a “*good mentor*”, describing the various ways in which I demonstrate a *respectful and supportive role to their learning and career development*. Through the Canadian Coalition for Global Health Research, I have led workshops on mentoring with colleagues from a variety of universities, with groups of 30+ attendees who are new to mentoring, have engaged as mentors, or have run programs of mentoring with their organizations. I built on this experience to develop and lead a post-doctoral and junior faculty group mentorship program on global health research. Over five sessions with prepared materials and virtual participation via Skype and phone from Australia and Sub-Saharan Africa, we dealt with issues such as networking, funding, project implementation, publication, and career development with positive feedback from regular attendees. In my Core Foundations of Educational Research project, I obtained Global Health Research Initiative funding (Part D, non-peer reviewed grant, Cole et al 2013) to conduct a multiple case study on global health research mentorship with colleagues from Africa, Latin America, Europe and Canada (Published refereed paper #197). Assisting a former doctoral student with a review of her MPH program at the Universidad San Francisco de Quito is another phase of senior mentoring.

Evaluation/Research

Having worked as a medical student and then immediately post-internship with colleagues from the Division of Studies in Medical Education, I was impressed by the need to evaluate and learn from what we do in education. I first applied this perspective in continuing education work with professionals from multiple sectors (Part G, Peer reviewed presentation, national #4) and extended it to evaluation of an Interdisciplinary Capacity Building Program in Cuba, at the request of the Association of Colleges and Universities of Canada (Part G, Reports #51). During my sabbatical, with support from a Royal College of Physicians and Surgeons of Canada International Travel Fellowship, I engaged with colleagues from Sub-Saharan Africa on public health training and conducted a review of the Masters in Global Health Sciences at Oxford University. Returning to Canada, a Health Promotion colleague and I applied similar follow-up evaluation approaches to our own Global Health Concentration masters’ program (Published refereed paper #161). As a campus-based professor I value learning from systematic examination and reflection upon our educational approaches, including completion of the Core Foundations in Educational Research certificate program, attendance at Centre for Teaching Support and Innovation sponsored Scholarship of Teaching and Learning sessions (e.g. on Powerful Assessment – Peer review presentation Local #6). Further, I have become increasingly interested

in the service or community-engaged learning literature, enriched by Centre for Community Partnership faculty institutes (several in 2015).

2. EDUCATION FUNDING

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Orris P, **Cole DC**, Kirkland K, Gibson B. Great Lakes Environmental Scholars Program. U.S. Agency for Toxic Substances and Disease Registry, 1995. US \$31,742

Voorberg N, **Cole DC**, Hunter W, Scott I. Homeside community environmental health project. Health of the Public Project, 1995-96. \$10,000

Valaitis R, **Cole DC**, Chambers LW, O'Mara L, Rideout L, Thomas H, Turpie I, VanBerkel C, Ehrlich A. The development of a CD-ROM computer-assisted instruction program: community action skills for staff in community health agencies and health sciences students. Health of the Public Project & McMaster University on Teaching and Learning, 1995-96. \$16,220 (Distributed through CPHA)

Elliot SJ, Eyles J, **Cole DC**. Internet (distance) learning: pilot module for the Environmental Health Program. McMaster University Committee on Teaching and Learning. \$3,600

Loisel P, Arsenault B, Baril R, Berthelette D, Bombardier C, Brun J-P, **Cole DC**, Cooper J, Clermont D, Durand M-J, et al. Training New Investigators in Work Disability Prevention CIHR, 2002-08. \$1,800,000

Kakuma R, Bates I, **Cole DC**, Fonn S, Ezeh A, Thorogood M, Neufeld V. Evaluating Capacity Development in Global Health Research. CIHR MPD grant (73981), Dec 2009-Dec 2010. \$17,856

Cole DC & Canadian Coalition for Global Health Research. Strengthening research capacities focused on the social determinants of health in the Andean region. CIHR Institutes of Infection and Immunity and Population and Public Health. Meetings, Planning and Dissemination Grants – Priority Announcement: Health and Health Equity (Winter 2010 Competition Code 201002DHH), April 2010-Jun 2011. \$20,000

Ezeh A, Fonn S, Ikamari L, Nangulu A, Katahoire A, Mabayoje AA, Omigbodun A, Rao R, Dungumaro E, Mandala W, Masanja H, Kinyanjui S, Kahn K, Izugbara C, Kabiru C, Bondjers G, **Cole D/CCGHR**, Manderson L, Hoffman A, Griffiths F, Launois P. Consortium for Advanced Research Training in Africa+ (CARTA+). Wellcome Trust Developing Excellence in Leadership, Training and Science (DELTAS) Africa Initiative £5,250,000 (USD 7,742,111) proposed, actually received USD 8,048,613 over 60 months start date of 1 March 2016

Cole DC, Webb J. Adaptation, Dynamization, and Dissemination of the CoPEH---Canada EcoHealth Teaching Manual. International Association of Ecology & Health. (USD \$980). 2016 February 29.

Brisbois B, Cohen R, Cortinois A, Elton S, Kayvan SV, Raglan M, Poland B, Mychajluk L, **Cole DC**, Miles A, O'Neill E, Alsop S, Frente Colibri & Conscious Minds Cooperative. Pedagogy for the Anthropocene: Land-Based Learning for Socioecological Transformation. (IGHEI, \$24,940), 2017 Mar 1- 2018 Mar 31 (Collaborator)

CONTRACTS

Eyles J, **Cole DC**, Environmental Risk - unpacking the black box. A Continuing Education Symposium. Ontario Ministry of Health, 1995. \$20,000

Bondy S, **Cole DC**, Johnson I. Public Health Epidemiologist Core Competency Development. PHAC to APHEO, 2005-6. \$24,925

Cole DC, Taleski-Steele S. Development of Joint Advanced Seminar curricula. CARTA, 2010-11. US \$5000

Parkes M, Vaillancourt C, Surette C, Saint-Charles J, Woollard R, Morrison K, Stephen C, **Cole DC**, Bunch M. Linking public health, ecosystems and equity through ecohealth training and capacity building. Public Health Agency of Canada, Jan 2013-Dec 2015. \$329,575

Bates I, Nyirenda L, **Cole DC**. Independent External Evaluation of the Health Research Capacity Strengthening Initiative (HRCSI), July-Oct 2013. US\$ 33,521.40

Gavine K, Morrison K, Martin-Downs D, **Cole D** (for DLSPH), Moola F, Keen R, Makckie C, Rangam MA, Gardner C, McKeown D, Denney B, Kurji K for the Ontario EcoHealth Collaborative. Healthy Ecosystems for Healthy Communities. Ontario Trillium Foundation. April 2015-Mar 2017. \$250K + in-kind contributions.

SUBMITTED

McKay S et al...including **Cole D** (for DLSPH) for the Ontario EcoHealth Collaborative. Healthy Ecosystems for Healthy Communities continued. Ontario Trillium Foundation Collective Impact, Stage 2, Organize for Impact. April 2018-Mar 2020. \$150K + in-kind contributions

1. COURSES TAUGHT

MCMASTER UNIVERSITY:

MD Undergraduate Program

Winter 1988 **Co-tutor**, Unit 5

1987-1990 **Community health preceptor**, Unit 1

1992-1998 **Facilitator and panel member** for Community Health Day

Graduate Programs

Fall 1988 **Co-tutor**, MS 771, Population Health

1991-2000 **Tutor in Epidemiology**, Diploma in Occupational Health

1992-1998	Resource Person , MS 722, Fundamentals of Health and Development. Session on Environment & Health
1992-2000	Resource Person , Community Medicine Residency Program seminars
1994-1998	Tutor , MS 730 of HRM (Health Research Methods) Program, MSc
1994-2000	Tutor , MS 721 of HRM, Teaching Health Unit Group
1995	Resource person , Design Measurement and Evaluation (DME)/HRM 709 re Interdisciplinary Investigation of Hamilton Harbour Ecosystem
1996-2000	Tutor , MS 751(Observational Designs) of DME/HRM, MSc

UNIVERSITY OF TORONTO:

Undergraduate Programs

2003-2005	Lecturer , Environmental health in Determinants of Community Health course (Medicine) (x3, approximately 150-200 students)
2003-2006	Lecturer , Environmental Issues course (Geography) (x 3, approximately 100 students)
2017 Winter	Instructor , Ecological Public Health – Global Perspectives HST 407S (DLSPH-St. George Health Studies) (approximately 25 students)
2018 Winter	Guest instructor , Global Climate Change HLTC29H3-S-LEC01 (Special Topics Health Studies UTSc) (approximately 40 students)

Graduate Programs

1996-2007	Lecturer/resource person , Reproductive & developmental epidemiology in Environmental Epidemiology (4x, approximately 10-15 students)
2001-2003	Co-Instructor in 2001 and Lecturer/resource person in 2002, 2003. Environment and Health. IES Collaborative Program core course (about 10 students each year)
2001-	Lecturer/co-tutor in Introduction to Public Health Sciences (6x, 80+ students in lecture, tutorial groups of about 10 each), then Guest lecturer
2002	Lecturer/resource person , in International Maternal and Child Health (about 12 students)
2002	Lecturer/resource person , in Prospective Studies and Survival Analysis (about 12 students)
2002-2008	Co- to Lead Instructor (05) for Epidemiological Methods II (6x, 25-35 students/yr)
2002-	Lead Co-Instructor/Co-developer of new Global Health Research Methods course, then Lead Instructor (5x, 6-12 students), then Guest lecturer
2005	Co-Instructor for Research Methods in Epidemiology (6 students)
2007-2012	Co-Instructor in new Global Health concentration core course (4x, 15-35 students/yr)
2007-present	Instructor for reading course in Ecosystem Health (2x, one student each)
2009-2010	Lead Instructor for re-designed Environmental Epidemiology (2x, 10-12 students)
2009-	Lead Instructor of Collaborative PhD Program in Global Health doctoral seminar (8 terms, 6-12 students), then Guest lecturer

- 2011 **Instructor** for reading course in Pathways to Publication (1x, one student, materials provided to another DLSPH to offer the course)
- 2014- **Co-Instructor**, Ecological Public Health reading course (fall term, 8 students) then spring term, hybrid **Course Director** (6 UT students + 3 York, with multiple across Canada), fall 2017 cross-listed (undergrad-grad course (6 grad, 14 undergrad students)
- 2015- **Co-Instructor**, Population Health Intervention Research course (CHL7001H F5) (fall term, 18 students), then **Guest review panel member** x 2
- 2015- **Co-Instructor**, NFS 1210 HF, Management of Community Food Systems. MPH (Community Nutrition) Field Observation and Program Lab III (fall term, 15-18 students), then **Guest lecturer**, Foundations of Practice III (CHL5652H F)
- 2016 Mar **Guest lecturer**, Public Health Policy II (IHPME) on Social and Environmental considerations for health service managers
- 2017 winter **Guest lecturer**, Directed Reading: Research and Solution-focused Promising Practices for Healthy Cities & Communities (CHL7001H S4)
- 2017 fall **Guest lecturer**, Public Health Mycology (CHL5919H), x-listed course (about 25 students)
- 2018 winter **Guest lecturer**, Global Health concentration core course (CHL5700) (about 12 students)
- 2018 winter **Sole Instructor**, Farmer Health & Well Being research course (1 student)
- 2018 spring **Co-presenter**, Video on Global Health for Introduction to Public Health Sciences (CHL5004H)

Post-Graduate (Medicine)

- 2002- **Resource person**, multiple Community /Public Health and Preventive Medicine rounds including those on pesticides, biosolids, water, risk analysis, applying precaution, evaluating environmental interventions, career planning....
- 2011- **Module developer/ Lead Instructor**, Environmental Health Module in Global Health Education Initiative (GHEI) for residents. (3x, 6-12 residents)
- 2011-2012 **Module co-developer/Co-Instructor**, Research Module in GHEI (1x 15 residents)

Post-Doctoral

- 2012 **Developer-Lead Facilitator**, Mentorship in global health research program for post-doctoral fellows and junior faculty

Other

- Fall 1975 **Instructor**, Industrial Hygiene 1. Humber College of Applied Arts and Technology.
- 1985 - 86 **Planner, Materials Developer, Facilitator and Evaluator**, Workshops in pesticide health and safety for rural health professionals, inspectors and teachers. CARE Nicaragua and Ministries of Health, Education, Labour and Agriculture.

- 1987-1988 **Module Developer and Evaluator**, Training project in environmental and occupational health for public health personnel. Hamilton Wentworth Teaching Health Unit/Department of Public Health Services.
- Nov 1994 **Workshop Designer & Speaker**, Environmental risk assessment.
- Summer 1995 **Planning Group Member**, MS 751 of DME. Observational Designs, McMaster University
- 1995 – 1998 **Course Developer and Core Faculty**, Diploma in Environmental Health, McMaster University
- May 1997 **Workshop Designer and Leader**, Environmental influences on pre-conceptual health, Preconceptional Health Conference
- 1997-1999 **Instructor in Epidemiology**, Advanced principles of toxicology, University of Guelph
- 2002 **Trainer** in International Development Research Centre (IDRC) Workshop on Ecosystems Approaches to Human Health for Graduate Training Award recipients
- 2002 **Workshop Leader** at Trent University conference on Confronting Pesticide Use Locally and Globally. Funded by Canadian International Development Agency (CIDA)
- 2002 **Co-Instructor** in courses on Waste and Health in Laos and Cambodia for WasteEcon CIDA Project with Institute for Environmental Studies
- 2003 **Co-Developer** of module on Urban and Peri-Urban Agriculture and Health for Anglophone Sub-Saharan Africa, IDRC project with International Potato Centre.
- 2005 **Instructor** in epidemiology, CISEPO summer session on nutrition.
- 2008 **Facilitator-Resource person**, CCGHR Summer Institute-5 and Continuing Education Day
- 2009 **Lecturer** in epidemiology and research methods, Makerere University
- 2009 **Resource person**, seminar on Evaluation of Public Health Interventions, University of Oxford
- 2010 **Co-Director**, CCGHR Summer Institute-7 in Quito, Ecuador
- 2011-present **Weekly Coordinator and Facilitator**, Consortium for Advanced Research Training in Africa (CARTA), Joint Advance Seminar 1 & 4, for population and public health doctoral students
- May 2012 **Faculty**, Mixed Methods in global health research, Santé-CAP STIHR, Montreal, QC <http://www.pifrsn-ghrcaps.org/DATA/DOCUMENT/39.pdf>
- June 2012 & 2014 **Faculty**, Community of Practice in Ecosystem Health (CoPEH-Canada) Short Course in Ecohealth, Moncton, NB, and York University, Toronto
- July 2012- **External Examiner**, Diploma in Project Design and Management (DPDM), Liverpool School of Tropical Medicine
- Jan-Jun 2014 **Co-Instructor**, Special topics in interdisciplinary health research, HINT 511, University of British Columbia, Okanagan.

PART I – SUPERVISION

UNDERGRADUATE (N=5):

- 1993-1994 Alison Brodie, 4th year Geography research course (McMaster) on respiratory health among Hamilton Homeside residents. Co-supervisor with John Eyles
- 2003-2004 Anna Skinner. 3rd year Environmental Studies student (York) on urban agriculture and health
- 2003 Audrey Campbell, enrichment year student in Medicine (McMaster) on gender, urban agriculture and health
- 2005-2006 Ruth Lavergne, 4th year Environment and Health student (U of T), independent research project, case series of Environmental Health Clinic patients
- 2006 Ruth Lavergne, Student Union international summer research scholarship

MASTERS

MSC STUDENTS (McMaster) (N=3):

- 1994 Jennie James, *Environmental hazards and primary care*. Co-supervisor with John Eyles.
- 1995 Mario Fuentes, *Reproductive outcomes and environmental exposures*. DME research assistantship.
- 2000-2001 Dwayne Van Eerd, *Toronto Star/SONG Research project*. HRM research internship.

MHSC STUDENTS (UToronto) (N=16):

- 1992 Karen Sriwanka, one Y1 re: Health Promotion in the Small Workplace
- 1995 Lisa Belzac, project supervisor for Environmental Epidemiology course
- 2000 Lori Greco, Health Promotion re: Workplace Intervention Evaluation
- 2002 Sarah McDermott, Community Health & Epidemiology re: International Health
- 2004 Yves Leger, Community Medicine and Interdisciplinary re: Environmental Health, with a focus on the health impacts and management of moulds
- 2004 Stephanie Wolfe. Water and Environmental Health. Centre for Urban Health Initiatives studentship
- 2005 Tanya Khan. Evaluation framework for a Community Health Outreach Program on Hypertension and Diabetes Mellitus at the Guyana Red Cross. Second practicum
- 2006 Shanna Lochhead. Pesticide poisoning surveillance and cross-sectional survey analysis. CIP, Quito, Ecuador. Canadian Co-supervisor for global health practicum
- 2006 Sarah Taleski. Prognostic factors for HIV among MRC genitor-urinary clinic patients. MRC, The Gambia. Canadian Co-supervisor for global health practicum
- 2006 Karen Johnson. Chronic illness and depression in a national survey. University of the West Indies, Jamaica. Canadian Co-supervisor for global health practicum.

- 2006 Susitha Wanigaratne, Multi-level analysis of EcoSalud II cross-sectional survey, supervisor for analysis practicum.
- 2008 Bronwyn Underhill. Food Sovereignty, Nutrition and Horticultural Production in the Montaro Valley. International Potato Center. Canadian Co-supervisor for global health practice,.
- 2008 Melissa Briones. Nutritional impact of the ALTIPLANO project – measurement tools and evaluation design. International Potato Center. Supervisor for global health practica.
- 2008 Suzannah Bennett. Participatory GIS on Waste and Health in Kampala, Uganda. University of Makerere. Canadian Co-supervisor for IDRC EcoHealth masters award project.
- 2009-2010 Jessicah Leah. Determinants of food security and household health among small farmers in the Central Andes. Supervisor for two data analysis practica.

MPH STUDENTS (UToronto) (N=15):

- 2009 Kipruto Kirwa. Design of an environmental epidemiology program for Moi University. Graduate Student Exchange Program placement. University of Toronto. Canadian supervisor.
- 2010-2011 Jaameeta Kirji. Operational evaluation of SASHA POCP – an agricultural intervention for health. Sheila Basrur Travel Bursary and AUCC-CIDA Students for Development Award. Canadian practicum and capstone project co-supervisor.
- 2010-2012 Gillian Morantz. Maltreatment experiences and associated factors prior to admission to residential care: A sample of institutionalized children and youth in western Kenya. Interdisciplinary masters lead co-supervisor. Now Assistant Professor, Paediatrics, McGill University
- 2010-2012 Heather Rilkoff. Gender bias in community neglected tropic disease drug distribution programs in Uganda. CIHR masters’ award supervisor and Canadian practicum co-supervisor. Now at Public Health Ontario
- 2010-2012 Nandita Perumal. Antenatal care, nutritional knowledge and health practices in Western Province, Kenya. CIHR masters’ award supervisor and Canadian practicum co-supervisor.
- 2010-2013 Kevin Bezanson. Palliative care and HIV treatment outcomes among patients in Malawi. Golda Fine Award. Interdisciplinary masters lead co-supervisor.
- 2011-2013 Dan-Bi Cho. Mentorship for integrated health innovation. Practicum co-supervisor and Work-Study supervisor x 2.
- 2013-2014 David Patterson. Ecohealth oriented policy and program interventions. Reading course instructor and Health Promotion program advisor (ICS TRAVEL AWARDS CDN\$ 2500)
- 2014 Steven Lam. An Ecohealth approach to State of the Environment Reporting. Practicum co-supervision with Allana Lefley, Grey Bruce Health Unit.
- 2015-2016 Abtin Parnia. Metals in Newcomer Women. 1st Practicum co-supervisor & Research assistant supervisor. Gordon Cressy Award for Student Leadership.
- 2015-2016 Dara Gordon. Air quality information for community action. Health Promotion program advisor.

- 2015-2016 Joel Kaushansky. Indoor air pollution in southeast India – a cross-sectional survey. Health Promotion program advisor. Global Health Research Travel Award (CDN\$5000)
- 2015-2016 Shirley Chen. Ecohealth education in Ontario. Epidemiology research assistantship supervisor. EkoSante internship award (CDN\$ 1000)
- 2017- Madelaine Bondy. Farmer health & well-being. Independent research project as horizontal elective.
- 2017 Kate Lillepold. Climate Change, Nutrition and Health with a focus on East Africa. Summer practicum co-supervisor

COMMUNITY MEDICINE RESIDENTS:

Full-time placements at Lakeshore Area Multiservice Project (LAMP):

- 1992 Sheila Basrur, R3, occupational health
- 1992-1993 David Stieb, R4, program evaluation

[Also, two sets of Community Medicine Residents from University of Toronto as part of Occupational and Environmental Health Block]

Other supervisions:

- 1993-1994 Richard Heinzl R1, re: Environmental Health Module for Residents
- 1994 Maureen Baikie, R3, re: DME Thesis on PCB's and Fertility
- 1994-1995 Ian Scott, R2 re: Community Environmental Health Assessment
- 1995-1996 Nashila Mohammed, R3, re: Evaluation of a Community Lead Education Program
- 1999-2000 Karen Lee, R4, re: Workplace Psychosocial Factors and Cardiovascular Disease at IWH
- 2004 Yves Leger R3 re: Environmental health, particularly mould in buildings
- 2007 Allison Chris R4 re: Health risk mitigation in urban agriculture interventions among persons with HIV&AIDS
- 2009 Victoria Lee R5 re: Needs assessment and plan for collaborative exchange in Community Medicine between University of Zambia and UofToronto
- 2010-2011 Andrew Pinto R4-5 re: Mapping global health at the academy, block elective
- 2011-2014 Aaron Orkin R3, Health Promotion and Program Planning rotation wrt NCDs (May-Aug 2012), mentorship in global health research
- 2013 Alanna Fitzgerald-Husak R2, Medical education in Namibia: Primary care training in medical education, Canadian co-supervisor of block elective
- 2013 Jia Hu, Economic evaluation of public health interventions, horizontal elective

MSC THESES (N=4):

Elaine Murkin. (co-supervisor) What is the relationship between Great Lakes fish consumption and nutritional status? University of Guelph, Community Nutrition (1996-1998).

Irina Rivilis. Worksite ergonomic intervention impacts on injuries and musculoskeletal pain. University of Toronto, Epidemiology (2002-2004).

Renee Sebastian. Urban agriculture, food security and nutrition in Kampala, Uganda: opportunities for improvement. University of Toronto, Epidemiology (2002-July 2005).

Shelby Yamamoto. Exposure to semi-volatile organics and health risk assessment for urban and peri-urban agriculture in Kampala, Uganda. Occupational and Environmental Health (2003-August 2005).

PHD (N=15):

Kate Bassil. The Relationship between Temperature and 911 Medical Dispatch Data For Heat-Related Illness in Toronto, 2002-2005: An Application of Syndromic Surveillance. University of Toronto, Epidemiology (2003-2008). – Now manager, Health Public Policy, Toronto Public Health.

Nita Chauduri. Improving our Understanding of Participatory Action Research – Transforming Eco-system health Conditions among Peri-Urban Farmers in Pikine, Senegal. IDRC Agropolis Doctoral Award. University of Toronto, Community Education/Institute of Environmental Studies (2003-2009) – now consultant in evaluation of community based environmental interventions and Adjunct Professor at the American University of Paris

Irina Rivilis. Work disability management benchmarking. University of Toronto, Epidemiology (2004- 2009, then transferred to Brock University).

Dwayne Van Eerd. Prevention and control of work-related musculoskeletal disorders. University of Toronto, Epidemiology flextime (2007-2009, then transferred to University of Waterloo, committee member 2009-2016). Scientist at Institute for Work & Health.

John D Pringle. Welfare Medicine for the Global Poor: Humanitarian Ethics and the Nigerian Lead-Poisoning Outbreak. University of Toronto, Social and Behavioural Health Sciences, Supervisor (2007- 2014). Vice-Chair of MSF Ethics Review Board. Now Assistant Professor, McGill Faculty of Nursing.

A. Fadya Orozco T. Capital Social y Salud en Agricultores de Pequena Escala. Federal University of Bahi, Salvador, Brasil. Brazil Doctoral Fellowship Award. Social Epidemiology Co-Orientador (2008- 2011) – now assistant professor and MPH programme director, Universidad San Francisco de Quito

Beth Rachlis. Examining and Profiling Patients Defaulting from An Antiretroviral Therapy (ART) Program in the Zomba District of Malawi. CIHR Doctoral Fellowship Award. University of Toronto, Epidemiology, Supervisor (2008-2013) – now researcher, Ontario HIV Research Network

Dolon Chakravartty. Disproportionate Environmental Exposures Among Newcomer & Racialized Women. CIHR Strategic Training Program in Public Health Policy fellowship. University of Toronto, Health and Behavioural Science, part-time, (2009-)

Victoria Blackwell-Hardie. Women's mental health in Eldoret, Kenya. University of Toronto, Health and Behavioural Science, (2009-) DLSPH Dean's Research Travel Award \$5000 (April 2014 -)

Aaron Yarmoshuk. The role of international partnerships in building the capacity of health professional programs in Kenyan and Tanzanian universities. University of Western Cape, Public Health, part-time. Co-supervisor with Christina Zarowsky (2009-2018)

Susitha Wanigaratne. Maternal and Perinatal Health of Refugees in Ontario: A Population-Based Approach. University of Toronto, Epidemiology, Co-Supervisor with Kate Bassil and then Marcelo Urquia (2010-2014). Now post-doc at Li Kai Ching Research Institute.

Ashley Aimone. Geo-spatial Patterns and Associated Risks of Iron Deficiency and Infection Among Young Ghanaian Children: Implications for the Safety of Iron Supplementation in Malaria Endemic Areas. Restracom Studentship, The Hospital for Sick Children Research Institute, and then CIHR Banting and Best Doctoral Graduate Scholarship (\$35,000 annually). University of Toronto, Epidemiology, Co-supervisor with Stanley Zlotkin (2010-2016). Now post-doc at Moi University, Kenya and Global Child Health in 2018.

Kaileah McKellar. Evaluation of Communities of Practice in Ecosystem Health. University of Toronto, Institute of Health Policy, Management and Evaluation. Co-supervisor with Rhonda Cockerill (2012-). EkoSanté Fellowship Award 2014-15 (CDN\$9,500) and travel award (2016 \$2000) – Currently on medical leave

Nandita Perumal. Modeling linear growth among pre-term infants in LMICs. Restracom Studentship, The Hospital for Sick Children Research Institute (\$20,000 annually). CIHR PhD Fellowship Sept 2015 x 3 years. University of Toronto, Epidemiology, Lead co-supervisor with Stanley Zlotkin (2013-)

Nadia Fazal. Arts-based interventions for peace and health in conflicted states. Social and Behavioural Health Sciences Qualifying Exam then Dissertation Advisory Committee, University of Toronto, (2011-), supervisorship assumed 2015. DLSPH Dean's Research Travel Award \$5000 (April 2014), Queen Elizabeth II Graduate Scholar Award (2017-2018)

POST-DOCTORAL FELLOWSHIPS (N=11):

Mieke Koehoorn. Musculoskeletal disorders, work environment and health. Mustard Fellow with the Institute for Work & Health. (Dec 1998 - Jun 2001). Associate Professor, UBC, School of Public Health

Sarah Wakefield. (Co-supervisor with Blake Poland) Social capital, social exclusion and health. Department of Public Health Sciences/SSHRC PD Fellowship. (Jul 02 - Jun 03). Associate Professor, UToronto, Geography

Luz Helena Sanin. Environmental epidemiology. Universidad Autonoma de Chihuahua /University of Toronto. Mexican National Visiting Research Fellowship (Sept 02- Aug 04), Currently Professor, Universidad Autonoma de Chihuahua.

Ellen MacEachen. Organization, management commitment and workplace health in the context of contemporary work conditions. Mustard Fellow with the Institute for Work & Health. (Sept. 2003-Aug. 2005). Scientist, IWH and Associate Professor, University of Waterloo

Jeff Masuda as Co-Mentor. Environment and Health Promotion. (Sept. 2006 – Aug 2007). Now Associate Professor, Queen’s University

Lincoln Lau. Evaluation of multifaceted interventions for the ultra-poor in the Philippines. (June 2013 – July 2015). Now Research Director, ICM, The Philippines

Ben Brisbois (co-supervisor with Anne-Emanuelle Birn). Ecohealth knowledge in communities of practice. (Jan – May 2015) EkoSanté Fellowship Award 2014-15 (CDN\$9,500). Now post-doctoral fellow, St. Michael’s Hospital

Matthieu Feagan (co-supervisor with Angela Miles). Ecohealth knowledge building across Canada and Latin America (July-November 2015) EkoSanté Fellowship Award 2014-15 (CDN\$9,500). Now post-doctoral fellow, Arizona State University

Faiza Waheed (co-supervisor with Glen Ferguson). Rapid Health Impact Assessment On Introducing Permanent High Occupancy Vehicle Lanes and High Occupancy Tolls Lanes In the Greater Toronto Area. Cole DC, Waheed F, Ferguson G. Mitacs-Accelerate Graduate Research Internship Program Jan-Sept 2016. (CDN \$30,000 + \$30,000 Intrinsik). Now Scientist, Intrinsik (consulting firm)

Warren Dodd. Connecting health, migration, and climate change in rural farming communities of Honduras. Jul 2017-May 2018. CIHR Post-doctoral fellowship (CDN \$ 33,333.33 stipend; \$5,000 research funds). Then Assistant Professor (tenure stream) University of Waterloo.

Ben Brisbois (co-supervisor with Margot Parkes). Metanarrative on Canadian patterns of research on resource extraction and health in Canada. (Jan – Jun 2018) HIRED et al (CDN\$20,000)

2. COMMITTEE MEMBERSHIP

Masters

Mario Fuentes. Prevalence of risk factors for chlamydia trachomatis infection among Latin American women of Hamilton-Wentworth. McMaster University, Clinical Epidemiology and Biostatistics (1996-1997)

Lisa Beech-Hawley. Influence of working under deadlines in the newspaper industry on the risk of upper extremity WMSDs. University of Waterloo, Kinesiology (1996-1998)

Sylvia Pascual. An evaluation of the impact of ergonomic changes on injury risk at the production system level. University of Waterloo, Department of Kinesiology-Biomechanics (Dec 2002- Jun 2003)

Natasha Anderson. Livelihoods among households affected by HIV/AIDS in Nakuru, Kenya. University of Toronto, Anthropology (Aug 2006-Aug 2007)

Doctoral

Hua Wang. A follow-up study of workers with acute soft tissue injuries using the Ontario Workers’ Compensation Board database. University of Toronto, Exercise Sciences (1996-2000)

Michael F.D. Polanyi. Towards better prevention of work-related musculoskeletal disorders in Ontario: an exploration of the process and outcomes of a search conference on a contentious issue. York University, Faculty of Environmental Studies (1997-1999)

Adele Iannantuono. Assuming that language has depth, how deep are the Great Lakes? McMaster University, School of Geography and Geology (1998-2001). Now with Health Canada.

Michelle Driedger. Issue framing of chlorinated disinfection by-products in public health. McMaster University, School of Geography and Geology (1998-2001). Now Associate Professor, University of Ottawa

Colin McMullan. The Canadian healthy communities project. McMaster University, School of Geography and Geology (1998-2002)

Sarah Wakefield. Social Capital and Environmental Risk: Understanding individual and community responses to adverse air quality in Hamilton-Wentworth. McMaster University, School of Geography and Geology (1998-2002)

Monica Bienefeld. A nested case-controlled study of the reproductive effects of ionizing radiation. University of Toronto, Community Health (1998-2004). Now lead Environmental Health, Ontario Ministry of Health and Long-Term Care.

Dee Kramer. From research transfer to research transformation: A manufacturing workplace intervention study. University of Toronto, Department of Theory and Policy Studies in Education (2000-2002) (effectively co-supervisor). Now Staff Scientist, Occupational Cancer Research Centre (OCRC).

Marcy Erskine. Variability in adoption of preventative health technology in rural northern Malawi. University of Toronto, Anthropology, Collaborative Program in Environment and Health representative (2002-2003). Now Regional Manager, West Africa, International Red Cross.

Lauren Griffith. Meta-analysis of biomechanical risk factors for back pain. University of Toronto, Epidemiology. Flextime (2003-2008). Now Assistant Professor and Research Scientist, Clinical Epidemiology & Biostatistics, McMaster University

Myriam Paredes. Peasant heterogeneity and the interface with crop protection policy and intervention: the case of Carchi, Ecuador. Rural Sociology Group, Department of Social Sciences, Mansholt Graduate School, University of Wageningen. (2003-2010). Now Professor at FLACSO, Ecuador

Carlos José Sousa Passos. Une approche écosystémique à l'étude de l'influence de la consommation de fruits tropicaux sur l'absorption du mercure (Hg) chez des populations riveraines de l'Amazonie brésilienne. Institut des sciences de l'environnement, Université du Québec à Montréal. (2004-2007). Comprehensive completed.

Stephen Sherwood. The manufacture of ecosystem crisis: People, pests, and pesticides in the Northern Andes. Communication and Innovation Studies, Wageningen University and Research Centre. (2004-2009). Now Assistant Professor, same department.

Shane Dixon. The Social Production of Workplace Illness and Injury. Sociology. University of Waterloo. Now lecturer (2005-2009)

Sylvia Adebajo. Prevalence of and Risk Factors for HIV, Syphilis, and Risk Behaviours of Men in Nigeria. Epidemiology, University of Toronto (2006 -2014)

Richard Ilan Alleson. Contested environmental illness in the Negev/*al-Naqab*: a narrative analysis. Health and Behavioural Sciences, University of Toronto (2005- 2011)

Graciela Muñoz Rivera. Evaluating community involvement in the prevention of asthma in Puerto Rico. Health and Behavioural Sciences, University of Toronto (2005- moved to New Zealand university)

Janet McLaughlin. Trouble in our fields: health and human rights among Canada's foreign migrant agricultural workers. Anthropology, University of Toronto. (2006 -2009). Also Supervisor for her Syme Fellowship at the Institute for Work and Health. Now Assistant Professor, Health Studies, Wilfred Laurier University.

Erica De Ruggiero. Agenda setting in global policy development: the Case of the International Labour Organization's Decent Work Agenda. Interdisciplinary Studies in Public Health. University of Toronto (2008-2015)

Sarah-Jane Steele (Taleski). Chronicling the relationships, attitudes, and sexual encounters of men who have sex with men (MSM) in Shanghai, China: A web-administered sexual events diary. Epidemiology, University of Toronto. (2009- 2015)

Leslie Williams. Social location and cervical cancer prevention. A qualitative study exploring women's encounters with cervical cancer prevention services in Nicaragua. Nursing, University of Toronto (2010- 2013 withdrew)

Dwayne Van Eerd. Knowledge translation approaches in workplace ergonomics. Work & Health Studies, University of Waterloo (2011- 2016)

Providence Jepchirchir Kiptoo. Herbicide exposure and male reproductive effects. Environmental Health, University of Eldoret (constituent college of Moi University) (2013-). Commonwealth Scholarship – Graduate Student exchange at DLSPH \$ 6500 (May – November 2013)

Jeavanna Sritharan. Investigating the Occupational Etiology of Prostate Cancer in Canadian Men. Institute of Medical Sciences. (2014-2018)

Rabia Kahn. Stress among health professionals in training in LMICs. Institute of Medical Sciences. (2014-)

Rebecca Hasdell. The role of context in food retail environment measurement and intervention in small-and medium-sized Canadian jurisdictions. DLSPH SBHS (2016 -)

Katie Hayes. Responding to a Changing Climate: An investigation of the psychosocial consequences of climate change and community-based mental health responses in High River. DLSPH SBHS (2016-)

Sara Elton. Healthy Plants, healthy people? The ecological determinants of health and the human-plant relationship in the age of the Anthropocene. DLSPH SBHS (2016-)

Farah N Mawani. Conceptualization, Measurement, and Association of Underemployment to Mental Health Inequities between Immigrant and Canadian-born Labour Force Participants. DLSPH Epidemiology (2017-2018)

3. EXAMINER FOR THESES

MASTERS THESES:

Jennie James. Perceiving health and the environment: connections, conceptions and cognitions. McMaster University, School of Geography and Geology (1996)

Kathleen J. Wilson. Physician utilization in Quebec 1987 and 1992-3: the impact of regionalization in a cost-constrained climate. McMaster University, School of Geography and Geology (1996)

Maria Shuk Mun Lam. Genetic Polymorphisms in Ah Receptor and Cytochrome P450 Drug-Metabolizing Enzymes in relation to Estradiol Metabolism and Breast Cancer Susceptibility. University of Toronto, Pharmacology (2000)

Anna Ballon. Negotiating successful return to work: Perspectives of nurses with low back pain. University of Toronto, Rehabilitation Science (2000)

Debbie Wilson. Cancer and fish consumption, a case control study. University of Toronto, Epidemiology (2002)

Ann Wadja. Multiple drug resistant TB in Uganda. University of Toronto, Epidemiology (2002)

Erin Hodge. Ecological risk assessment in urban settings. University of Toronto, Geography (2002)

Brian Murphy. Cost-shifting in health care: a pilot study explores the relationships between cost shifting, repetitive strain injury, the Workplace Safety and Insurance Board of Ontario, and publicly funded health care. York University, Law (2003)

Heather Neilson. Factors influencing the reliability of self-reported occupational exposures. University of Toronto, Occupational and Environmental Health (2003).

Anusha Raj. Prognostic modelling of health-related quality of life for injured workers with upper-extremity soft tissue injuries in the (IWH) early claimant cohort. University of Toronto, Epidemiology (2003).

Departmental/program representative for masters' thesis defences in epidemiology: MSc, University of Toronto (2005): Jeff Kwong (defence), Maria Chu (defence), Honey Gadafi (defence)

MSc, IMS in Collaborative Program in Environmental Health (2005) – Sherina Tannebaum (defence)

Liana C. Del Gobbo. Consumer and environmental factors influencing benefits and risks of fish consumption: University of Toronto, Geography (2007)

Kapoor A. MSc. IMS Chair. Paving the Silk Road: sub-Saharan Africa's Collaboration with China and India in Health Biotechnology (June, 2011)

Campbell R. MSc HPME. Internal examiner. The Experiences of Migrants Seeking Healthcare in Toronto (August, 2011)

PHD THESES:

Comprehensive Examinations

Special area of risk and environmental health. McMaster University, School of Geography and Geology. Jamie Baxter (1995), Adele Iannouatou (1996), Sarah Wakefield (1999)

Qualifying Examinations

Erica de Ruggiero (Interdisciplinary, 2009)

Jaime Sapag (Health and Behavioural Sciences, 2010) & multiple since, as part of committee

Protocol Presentations

Epidemiology

Departmental/program representative, University of Toronto: Minh Do & Denise Powers (2006), Brenda Coleman & Farah Mawani (2007), Dolly Baliunas (2012), Alanna Mihic (2014)

Internal reviewer: Orit Schieir (2012), Mana Rezai (2012), Michelle Gaffey (2015), Nadia Akseer (2015)

Anthropology

Michael Callaghan (2008), Lauren Classen (2008), Bright Drah (2009)

Transfer Examinations for Institute of Medical Sciences (IMS)

Barry Pakes (2007), Monali Ray (2008)

Internal Examiner

David Kirsch IHPME (2012), Barry Pakes (2014); Kaye Phillips Pharmacy (2013)

Dissertation Defence

Harris Ali. The search for a landfill site in an age of risk: the role of trust, risk and the environment. McMaster University, Sociology (1996)

Epidemiology, University of Toronto: Diana Clarke (2006), Judy Brown (2007), Brenda Coleman (2008), Dolly Baliunas (2011), Carnide N (June 2017)

Kaye Phillips. Canada's Contribution to Neglected Tropical Disease Research: A Co-Authorship Network Analysis. Department of Pharmaceutical Sciences, Leslie Dan Faculty of Pharmacy, University of Toronto, 2012

Paola Calvasina. Examining the oral health access to dental care and transnational dental care utilization of adult immigrants: Analysis of the longitudinal survey of immigrants to Canada. Faculty of Dentistry, University of Toronto, September 2014

[Only names, program and dates henceforth] Franziska Satzinger SBHS (2014), Alison Gayapersad SBHS (2015), Kadia Petricia IHPME (2015), Chamila Adhihetty IHPME (2016) Lindsey McCallum, Collaborative Program Environment & Health (Mar 2017)

External Examiner

Shelley Harris. The development and validation of a pesticide dose prediction model. University of Toronto, Epidemiology (1999)

Fabio Cabarcas. Harnessing the community capacity of small farmer organizations to reduce pesticide-related environmental health risks: a case study in an indigenous community in the southern ranges of Ecuador, 2007-2008. University of British Columbia, Interdisciplinary Studies (2010)

Colleen G. Walton. Sustainable Livelihoods and Food and Nutrition Security of Kenyan Smallholder Farm Women' University of PEI. Public Health (2012)

Parnali Dhar Chowdhury. Understanding Dengue Transmission: Application of an Ecohealth Approach in Dhaka, Bangladesh. University of Manitoba, Faculty of Environment, Earth and Resources (Mar 2015)

Jordan Sky Ostereicher. Dimensions socio-écologiques des changements de paysage et des moyens de subsistance dans la région du Rio Tapajos, Brésil: éléments de compréhension de l'exposition à la maladie de Chagas et au mercure [Socio-ecological aspects of landscape change and livelihoods in the Tapajós River region, Brazil: contributions to understanding Chagas disease and mercury dynamics]. University of Quebec at Montreal, Faculty of Environmental Sciences (Dec 2015)

Warren Dodd. Labour Mobility, Health, and Rural Livelihoods in Southern India. University of Guelph, Population Medicine & International Development. (August 2016)