

Last modified: 30 March 2013

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Dual Citizenship:

U.S. citizen, by birth
Canadian citizen, naturalized
Multiple entry visa for Saudi Arabia (valid to 2013)

Language Training:

English (native), Spanish, French, German

Academic and Professional Activities

2008-Current Consultant in occupational and environmental health and medicine, sustainability.

Vice President for Health/Safety/Environment and Sustainability for Medical Advisory Services (a division of the NMAS Group). Title describes area of emphasis in providing consulting services. Current work distributed approximately equally among straight consulting (problem solving), medicolegal expert services, clinical services, and scholarly pursuits (writing books and papers).

In 2010 merged consulting practice with Medical Advisory Services, based in Rockville, Maryland. Clients include World Health Organization, Ministry of Labor of Turkey, Montgomery County (Maryland), Régroupement des Associations de Pompier du Québec (RAPQ), Federal Reserve System (Board of Governors, Washington headquarters), Chevron, Damian Resources, and legal counsel for both defense and plaintiff.

2008 to 2010 practiced as sole proprietorship, "Occupational and Environmental Health & Medicine". Clients included Saudi Aramco (during 2009, provided on-site consulting services in Saudi Arabia during a restructuring of the occupational health service), agencies of US and Canadian governments, Gulf Coordinating Council Occupational Health Committee, US Agency for Toxic Substances and Disease Registry, Marine Atlantic, Public Health Canada, and legal counsel for both defense and plaintiff. Worked closely with Building Health Sciences and Medical Advisory Services (NMAS Group) on project for US Government.

2008-2009 Research Professor, George Washington University, phasing out academic duties while transitioning into early retirement. Duties were to complete and close out active research projects, teaching as needed, transition administrative duties, provide clinical services as required.

1999-Current Adjunct faculty appointment. From 2004, based in the University of Alberta School of Business, Centre for Applied Business Research on Energy and the Environment.

1999-2008 Professor of Occupational and Environmental Medicine, The George Washington University, Washington DC. Tenured. Cross appointments as Professor of Epidemiology, Department of Epidemiology-Biostatistics, School of Public

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Health and Health Services; Professor of Pulmonary Medicine, Division of Pulmonary Disease and Allergy, Department of Medicine, School of Medicine and Health Sciences. Early retirement, 30 June 2008.

Dr. Guidotti took sabbatical leave from June 2006 to June 2007 to serve as President of the American College of Occupational and Environmental Medicine, the medical specialty society for occupational physicians; 5,000 members, 32 state- and regional-level component societies, head office in Chicago area, Illinois, taken in Washington DC and Chicago IL from 1 July 2006 to 30 June 2007. During this year, Dr. Guidotti was freed of teaching and administrative duties at GW University and an Acting Chair was appointed in the interim.

Incidental appointments while at GW:

Member, Medical Center Executive Committee, 2006

Member, Academic Advisory Committee, GW Cancer Institute

Member, Communications and Collaboration Team, Medical Center Strategic Planning task force

Chair, Council of Chairs, 2003 - 2004

Chair, Faculty Senate Research Committee, 2002 - 2003

Member, Advisory Committee, Center for Emergency Preparedness and its predecessor ASAP (Awareness, Security and Preparedness) Task Force for George Washington University Medical Center and other duties related to homeland security and public health, September 2001 – current.

Member, many Medical Center administrative and academic committees, of which most significant have been Medical Center Quadrennial Review Committee, Appointment Promotion & Tenure, and Search Committees for Dean (SPHHS) and Chair, Dept. of Physiology (SMHS)

Liaison and GW coordinator, Army Environmental Policy Institute; GWU is academic host to fellows participating in this program.

1999-2008 Chair, Department of Environmental and Occupational Health, School of Public Health and Health Services, George Washington University. Duties include managing department of nine faculty, teaching, research, university service. Responsible for oversight of affiliated entities including Center for Risk Science and Public Health, Mid-Atlantic Center for Child Health and the Environment. SPHHS Executive Committee, Senate Research Committee, other service within SPHHS and SMHS.

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Director, Division of Occupational Medicine and Toxicology, Department of Medicine, School of Medicine and Health Sciences, George Washington University, Washington DC. Duties include managing clinical services of a group of three physicians, clinical and professional service. Concomitant appointments and duties with The George Washington University Hospital, Medical Faculty Associates.

Director, Occupational and Environmental Medicine Training Program. Duties include managing a residency in occupational medicine associated with a fellowship training program that includes environmental medicine and related fields. Two resident trainees supervised in 2001, one in 2002. Program terminated in 2003.

Director, Center for Risk Science and Public Health, School of Public Health and Health Services. Duties include managing and developing this research institute focused on risk assessment, risk communication and risk anticipation. CRSPH was established in 1999 as a center of excellence in risk science and to manage research and sponsored projects of faculty in the Department of EOH.

Co-Director, Mid-Atlantic Center for Children's Health and the Environment, School of Public Health and Health Services. Duties include managing Center and coordinating activities of pediatricians, environmental health specialists associated with MACCHE, which is the designated Pediatric Environmental Health Specialty Unit for federal Region 3.

Other University Service in capacity as Chair: Member, Research Project Advisory Committee (development of new research strategy and investment mechanism); Chair, Council of Medical Center Chairs (2003-2004); SPHHS Executive Committee (on-going); SPHHS Practice Advisory Panel. Numerous school and departmental committee memberships.

Teaching: Principles of Environmental and Occupational Toxicology (lecture), Applied Environmental and Occupational Health (lecture/case studies), Occupational Health and Workers' Compensation (new seminar), Bioterrorism and the Civilian Response; also regular lectures in scheduled courses on principles of environmental health, bioterrorism, risk science, environmental health and economic development.

Major professional commitments during this time period:

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Co-chair, Scientific Advisory Panel, Western Canada Study on Animal Health Effects Associated with Exposure to Emissions from Oil and Natural Gas Field Facilities; 6-year, C\$17 million, 4-province study completed and released in 2006.

Chair, Committee on Diagnosis of Nonmalignant Asbestos-Related Disease, for revision of diagnostic criteria. American Thoracic Society, delivered 2004.

Adjunct Faculty, Center for Advanced Business Research on Energy and Environment, University of Alberta School of Business, Edmonton, Alberta, Canada.

1984-1998 Professor of Occupational Medicine, Department of Public Health Sciences (formerly Department of Health Services Administration and Community Medicine), University of Alberta Faculty of Medicine, Edmonton, Alberta. Duties divided equally among teaching, research, service, and administration. Tenure granted 1987.

Founder and Head of the Occupational Health Program (OHP) an academic unit engaged in research, teaching, clinical evaluation, and consultation supported in part by the Tripartite Occupational Health Fund, an endowment created by the joint participation of Alberta labour, corporations, and government. Direct or delegated responsibility for Occupational Medicine Consultation Clinic, Occupational Medicine Residency Program, the Northern Alberta Centre for Work/Health/Environment, Fort McMurray Demonstration Project in Social Marketing, directing residency training in occupational medicine, supervising graduate students and teaching undergraduate medical students.

Member of the Departmental Executive Committee (departmental council for governance). Numerous departmental committees and duties.

Teaching: Occupational Medicine, Toxicology, Inhalation Toxicology, Health Systems, invited lectures, substantial clinical teaching. Also extensive involvement in continuing medical education, including UA Distance Learning Course in Occupational Medicine, ACPM Preventive Medicine Review Course (most years 1988-1995), Continuous Professional Development Program for WCB Medical Advisers (1994-present), Annual Update in Occupational Medicine (1993 – present). Supervised and taught individual residents in occupational medicine, graduate students (PhD and master's level) and undergraduate medical students.

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Professor (honorary), Division of Pulmonary Medicine, Department of Medicine, University of Alberta Faculty of Medicine. (Cross-appointment)

Academic Chair, Division of Occupational and Environmental Medicine, Capital Health Authority (Regional Public Health), since 1996.

Honorary Appointment: Killam Annual Professor 1996

June 1993-
July 1994

Chairman (Acting), Department of Public Health Sciences, University of Alberta, Edmonton, Alberta.

Administered Department during 1993-1994 academic year. Department offers a full range of academic programs alone and in collaboration with other departments, with programs in health services administration, community medicine and health promotion, epidemiology, occupational health, and environmental health; also, residency program in occupational medicine. Department has 40 FTE staff (17 academic appointments), university budget of \$1.5 million and additional "soft" money generated annually from contracts and grants of \$1.5 million Canadian grants do not include faculty salaries). During year of Acting Chair, guided the academic redirection of Department, diversified scope and proposed degree offerings, reorganized governance structure and, decentralized administrative procedures. Also performed normal duties of budgeting, human resources management, faculty performance review and reporting to Dean and central administration. Declined recruitment to permanent position as Chair.

1992-1997

Acting Residency Director, Residency in Occupational Medicine. Established residency in 1989 and intermittently served as Residency Director between permanent appointments of faculty to this position. This is Canada's first Royal College-approved specialty residency and currently trains five residents enrolled in a five-year program. Continuous service on Residency Program Committee and associated residency-related duties.

1985-1987

Acting Director, University of Alberta Hospitals Occupational Health Service. Responsibilities included medical care, program development, research, supervision of a 4-person hospital unit, and assisting in recruitment of a permanent director who assumed duties in summer 1986.

1980-1984

Head, Division of Occupational and Environmental Health. Professor, Occupational and Environmental Health. The Graduate School of Public Health,

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San Diego State University, San Diego, California. Responsibilities included administration, teaching, research, including faculty recruitment and supervision. Tenure granted 1983. Related duties and cross-appointment as Associate Clinical Professor of Community Medicine at the University of California at San Diego, School of Medicine.

Consultant, Occupational/Industrial Medicine Service, The Rees-Stealy Medical Group, San Diego, California. Responsibilities included program development, consultation services for client employers and clinical practice. A major service commitment in this capacity was acting as medical adviser for the Imed Corporation.

Education and Medical Training

- 1979-1981 Postgraduate training in occupational and environmental medicine. The Johns Hopkins School of Hygiene and Public Health, Department of Environmental Health Sciences, Division of Occupational Medicine. Chief: Dr. Edward A. Emmett. Included clinical training in preparation for certification in occupational medicine and public health graduate study leading to the M.P.H. degree.
- 1979-1980 Fellow in pulmonary medicine (concurrently with above). The Johns Hopkins Hospital, Department of Medicine, Respiratory Division; Baltimore, Maryland. Chief: Dr. Solbert Permutt. Combined program with occupational medicine.
- 1977-1979 Clinical Associate, The National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland. Commissioned Officer in U.S. Public Service. Chief: Dr. Paul A. di Sant'Agnese. Major research interest was cystic fibrosis and pulmonary response to chronic inflammation. This experience counted toward board eligibility in pulmonary medicine.
- 1975-1977 Intern, Resident in internal medicine. The Johns Hopkins Hospital, Department of Medicine. Chief of Service: Dr. Victor A. McKusick. Also Fellow in the Johns Hopkins School of Medicine (nominal appointment).
- 1971-1975 Medical Student, University of California at San Diego School of Medicine, La Jolla, California. Faculty and Thesis Advisor: Dr. Averill A. Liebow. Concentration area: environmental medicine, inhalation toxicology. Thesis topic: "Toxic inhalation of the higher oxides of nitrogen."

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Graduated with the M.D. degree.

Special studies while a medical student at: National Cancer Institute, Bethesda, Maryland in occupational epidemiology; Children's Hospital Medical Center, Harvard Medical School, Boston, Massachusetts, pediatric pulmonary diseases; Appalachian Laboratory for Occupational Safety and Health of the National Institute for Occupational Safety and Health, Morgantown, West Virginia, in occupational pulmonary diseases; and the Modoc-Lassen Indian Development Committee, Alturas, California, on the health care needs of a remote Indian community in rural Northern California.

1967-1971 Student, graduating cum laude with B.S. in Biological Sciences University of Southern California, Los Angeles, California.

University honors: Elected to Phi Sigma (Alpha Alpha chapter, national biological research honor society, 1971), winner of Phi Sigma Award for outstanding research in biology by an undergraduate (1971), elected to Phi Eta Sigma (national freshmen honor society, 1968) and Alpha Epsilon Delta (premedical honorary society, 1969). Heavily involved in environmental issues and organizations from 1969-1971.

Special Training

2011 How to start a blog. New York Times Learning Network, Epsilon course (on-line).

2010 Mandatory security training. Federal Reserve Board of Governors. (Updated annually, on-line.)

2009 Institute of Occupational Safety and Health “Working Safely” course, provided by Energy Industries Training Centre, Dhahran, Kingdom of Saudi Arabia. IOSH “Passport” Number WS7781, ID Number 157730.

Workplace Risk Assessment Training, Saudi Aramco Medical Services Organization.

2001 + Business and management training, systematically pursued at level equivalent to MBA preparation:

- Financial Accounting, MBA course (GWU)
- Management Accounting, MBA course (GWU)
- Management science (ACOEM Millennium Series)
- Entrepreneur “Boot Camp” Seminar (GWU School of Engineering and

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Applied Sciences)

- Strategic planning (Various workshops: ACOEM, American Society of Association Executives, other)

- 1998 Clinical and Environmental Moulds, Univ. of Alberta, Edmonton.
- 1997 American Board of Independent Medical Examiners
SEAK “IME” course in preparation for examination.
- 1995 Medical Officer Review Update (ACOEM).
Harvard Intensive Review Course in Internal Medicine.
- 1993 Fleischner Society (see below).
- 1992 P.A. Douglas Banff Management Course, Banff, Alberta.
- 1991 Medical Officer Review Course, ACOM, San Francisco, California.
- 1988 New England Epidemiology Institute, Boston, Massachusetts.
- 1987 Summer Institute on Quantitative Analysis of Data, Population Research
Laboratory, University of Alberta, Edmonton, Alberta.
- 1987 Symposium on Inhalation Toxicology, Alberta Environment Centre, Vegreville
(Faculty Participant), Alberta.
- 1982-1986 ACPM Preventive Medicine Recognition Award (Continuing Education).
- 1984 Fleischner Society (Postgraduate advanced course in pulmonary medicine).
- 1981-1985 AMA Physicians Recognition Award (Continuing Education)
- 1977 Foundation for Advanced Education in the Sciences, Graduate School of NIH,
Bethesda, Maryland. Graduate-level courses for academic credit in immunology,
toxicology, research methods, management, and biostatistics.
- 1977 Radiological Health for Radionuclide Users, FAES, NIH (see above). Two-week
full-time course qualifying for license to use radioactive substances in laboratory
research.

Professional Honors

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- 2013 William S. Knudsen Award for Lifetime Achievement in Occupational and Environmental Medicine, American College of Occupational and Environmental Medicine. This is the highest award in American OEM. (There is no international counterpart.)
- 2009 Fellow, The Energy Institute (London). This is an international association of professionals in the energy sector.
- 2008 Invited lecturer. Mastromatteo Oration, Occupational and Environmental Medical Association of Canada, Québec City.
- 2008 Invited lecturer. Morris Katz Memorial Lecture, Centre for Atmospheric Chemistry, York University, Toronto.
- 2008 Invited lecturer. Kenneth V. Dodson Memorial Lecture, University of Rochester.
- 2006 Commendation from the International Association of Fire Fighters “in recognition and appreciation of his invaluable scientific contributions,” presented at the IAFF Western Canadian Conference (hosted by Edmonton Fire Fighters’ Union, Local 209), Edmonton, 23 June, in recognition that work was mostly done there).
- 2006 Awarded the Jean Spencer Felton Award for Excellence in Scientific Writing in Occupational Medicine (second award). Western Occupational Medical Association, presented at Lake Tahoe, 15 September.
- 2006 ICOH Service Award, International Commission on Occupational Health. Presented at triennial business meeting in Milan, Italy, on occasion of leaving the ICOH Board of Directors.
- 2006 Invited lecturer, Peter J. Kilburn Lecture on Sustainability. Center for Advanced Business Research on Energy and Environment, University of Alberta School of Business, Edmonton, Alberta, Canada. Cosponsored with International Institute for Sustainable Development, Winnipeg.
- 2006 US Environmental Protection Agency Excellence in Children’s Health Recognition Award given to the Mid-Atlantic Center for Children’s Health and Environment (Dr. Guidotti is co-Principal Investigator of MACCHE)
- 2004 Election to Academy of Medicine of Washington DC (area society of medical

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Scholars)

- 2004 Elected to membership. Delta Omega (public health honour society).
- 2003 Research Award named after Dr. Guidotti. University of Alberta Faculty of Medicine.
- 2002 Meritorious Service Award, Occupational and Environmental Medical Association of Canada, for career achievement
- 2002 Elected to membership. Ramazzini Society (Invitational society of senior American leaders in occupational medicine.)
- 2002 Fellow of the Faculty of Occupational Medicine, Royal College of Physicians of London (UK). Elected honour.
- 2001 Scientific Advisory Committee for Priority Setting in the Development of Alberta Ambient Air Quality Guidelines, member and active participant. This activity has won a prestigious award from the province of Alberta: *The Premiere's Award for Excellence* as an innovation in public policy
- 2000 Invited lecturer, The CBOM Memorial Lecture. Canadian Board of Occupational Medicine.
- 1997 Invited lecturer, The Cunningham Oration. The Cunningham Society (Canada).
- 1997 Member through Distinction of the Faculty of Occupational Medicine, Royal College of Physicians of London (UK). Elected honour.
- 1996 Killam Annual Professor, 1996 - 1997, University of Alberta. This is a University-wide honour given to eight outstanding members of the faculty annually.
- 1995 Keynote Speaker. Conference on Silica and Elimination of Silicosis, Shanghai, P.R. China. This conference was the initiation of a national effort for the elimination of silicosis in China, beginning with a program for Shanghai and Wuhan. In addition to being features speaker, assisted Dr. Fu Hua in organization and arranged for a speaker on occupational hygiene.
- 1994 Election to Sigma Xi, scientific research society.

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- 1992 Safe Community Spirit Award (presented to City of Fort McMurray), recognizing work in collaboration with Northern Alberta Occupational Health and Safety Resource Centre, which Dr. Guidotti directs.
- 1991 Cunningham Society, invitational society of senior Canadian occupational physicians.
- 1991 Visiting professor, University of Manitoba Faculty of Medicine, Winnipeg Health Sciences Centre, Dept. of
- 1989 Dr. H. Siemens Memorial Award for Outstanding Contribution to Occupational Health in the Province of Alberta, Alberta Occupational Health Society.
- 1986 Elected a Fellow, American College of Chest Physicians. (Allowed to lapse 2000.)
- 1984 Resolution of Commendation, California State Assembly, Sacramento, for public service in risk assessment and community environmental health problems.
- 1982 Elected an Overseas Fellow, Royal Society of Medicine (London), in Section on Occupational Medicine.
- 1982 Elected a Fellow, American College of Physicians. Installed in Philadelphia on 19 April 1982.
- 1982 Elected a Fellow, American Occupational Medicine Association.
- 1981 Awarded the Jean Spencer Felton Award for Excellence in Scientific Writing in Occupational Medicine. Western Occupational Medical Association, Monterey CA, 10 October 1981.
- 1980 Elected a Fellow, American College of Preventive Medicine.
- 1974-1975 Writing and research awards (various): Alfred A. Richman Essay Competition of American College of Chest Physicians; Los Angeles College of Obstetrics and Gynecology; UCSD School of Medicine thesis recognition (Hamburger Award competition).

Professional Certification

Medical Provider Identification (US)

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National Provider Identifier: 1245319490
Medicare: 000X45M83 DC
UPIN: G88542 DC
Provider taxonomy: 2083X0100X

Medical Identification Number for Canada (MINC): CAMD-0100-2093

Medical Specialty Certifications

American Board of Internal Medicine.

Specialty certification in internal medicine 1978.

Specialty certification in pulmonary medicine 1980.

American Board of Preventive Medicine.

Specialty certification in occupational medicine 1982.

Canadian Board of Occupational Medicine. Certification (CCBOM) 1984. Upgraded automatically to Fellow (FCBOM) when this category was introduced in 2005.

Royal College of Physicians (Canada).

Fellowship (specialty certification) in occupational medicine (FRCPC) 1989.

Royal College of Physicians (London)

Member of the Faculty of Occupational Medicine 1997

Fellow of the Faculty of Occupational Medicine 2002

Professional Certifications

Canadian Society of Medical Evaluations

Certification 1997 - 2000, not renewed.

American Board of Independent Medical Examiners.

Certified IME 1997, not renewed.

American Board of Toxicology

Diplomate 1998, recertified to 2008, now permanently recertified.

Institute for Professional Environmental Preparation

Qualified Environmental Professional 1998, recertified to 2013.

MRO Certification Council, 1995 - 2000, not renewed.

Registration and Medical Licenses Required to Practice Professionally

Licenciate, Medical Council of Canada, 1987

Maryland (since 1976)

California (since 1977)

District of Columbia (since 1978)

Ontario (since 2008)

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Alberta (College of Physicians and Surgeons, 1984-1998, not renewed). Special register for internal medicine and occupational medicine.

Northwest Territories and Nunavut (1998, not renewed in 2001).

Saudi Arabian Health Providers Commission, Kingdom of Saudi Arabia (2009)

Qatar Commission on Specialist Medical Practitioners (2009)

Narcotics Registration (required for clinical practice)

U.S. Drug Enforcement Administration, Controlled Substances Registration

California Controlled Substances Registration, 1980-1984 (gave it up when left state and relocated to Canada)

D.C. Controlled Substances Registration, not current

Special-Purpose Registrations and Qualifications

U.S. Nuclear Regulatory Commission, Radionuclide Investigational User registration, NIH, 1977.

College of Physicians and Surgeons of Alberta

Accreditation to Interpret Pulmonary Function Studies, Level III, 1998 – 1999, not renewed.

Qualified as expert witness, Expert Witness Unit, U.S. Department of Justice, 2000

Qualified by examination at level of Public Health Medical Officer III – Epidemiology, California Department of Health Services, 1999

Visiting Faculty Opportunities, Educational Service and Adjunct Faculty Appointments

2013 Epidemiology tutorial, Laurentian University (Canada).

2012 External examiner, Chinese University of Hong Kong, for occupational health.

2010 Invited Lecturer. University of California at Irvine. Grand Rounds in Internal Medicine.

2008 External examiner, Chinese University of Hong Kong, for occupational health.

2008 Faculty visitor. University College Dublin, Ireland.

2006 Sabbatical year, planned to coincide with term as President of American College of Occupational and Environmental Medicine

2004+ Adjunct faculty appointment, University of Alberta School of Business, Centre for Applied Business Research on Energy and the Environment.

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- 2003 External examiner, Chinese University of Hong Kong, for occupational epidemiology and faculty review.
- 2001 External Examiner and visiting lecturer, National University of Singapore, Department of Community, Occupational and Family Medicine.
- External examiner, Chinese University of Hong Kong, for environmental epidemiology
- Chair, Residency Advisory Committee, Occupational Medicine Residency, West Virginia University (2001 - 2004).
- Member, Residency Advisory Committee, Occupational Medicine Residency, Uniformed Services University of the Health Sciences.
- 2000 Visiting Professor, Department of Community Medicine, West Virginia University.
- 1999- Adjunct Professor, Department of Public Health Sciences, University of Alberta.
2004
- 1996 Visiting Professor, Institute de recherche en santé et en sécurité du travail du Québec, Montréal, Québec.
- 1994 Adjunct Professor, University of Guelph, Guelph, Ontario. Ontario Veterinary College, Dept. of Population Medicine. (To assist in supervision of Ph.D candidate.)
- 1993 External Member, dissertation committee for Fu Hua, Shanghai Medical University Department of Occupational Health.
- 1992 Memorial University of Newfoundland. "Wednesday Lecture" presenter.
- 1991 Visiting Professor, University of Manitoba. Occupational Health Program.
- 1989-
1993 University of British Columbia, Vancouver. Department of Health Care and Epidemiology. (Sabbatical in residence in fall 1989)
- 1988 University of Hawaii, John A. Burns School of Medicine, Honolulu. Division of General Medicine.
- 1988 Exchange Visit to China: Harbin Medical University, Harbin. Dept. of Occupational

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Health. Shanghai Medical University, Shanghai. Dept. of Occupational Health. Institute of Occupational Health, Anshan.

1987 Visiting Professor, Curtin University, School of Community Health Sciences, Perth, Australia.

National and Regional Conferences or Events (Organized or Leadership Role)

2008 Society for Risk Analysis, Annual Meeting, 7 – 11 December, Boston. Organizing committee. Responsible for track in Risk Communication (101 abstracts, five symposia).

2008 Gordon Research Conference. “Mechanisms of Toxicity: Toxicant-Risk Factor Interactions in Chronic Disease”, 27 July – 1 August, at Bates College, Lewiston MN. Organized session on “Global Pediatric Environmental Health”.

2007 National Conference on Science, Policy and the Environment, “Integrating Environmental and Human Health”, sponsored by National Council for Science and the Environment, Washington DC, 1 – 2 February 2007. Planning Committee.

2006 Summit on Occupational and Environmental Medicine Training, convened by ACOEM with participation by all major organizations involved in the training and certification of occupational physicians in the United States. Dr. Guidotti initiated the concept of the Summit and played a major role in its development.

2005 Symposium on Pandemic Avian Influenza, jointly sponsored between Dept. of EOH and with IRG (Washington-based consultant organization), Marvin Center, 15 November 2005, GWU campus.

2004 Public Health Week, “Community-based participatory research: when professionals and communities join forces”, panel discussion, 6 April 2004, GWUMC campus.

2003 Training Programs for District of Columbia, Department of Health. Prepared instructional programs on “Weapons of Mass Destruction (General Personnel)”, and conducted Train the Trainer sessions to prepare seven instructors to deliver the training to departmental personnel. Prepared and delivered “Weapons of Mass Destruction (Physicians)” to medical staff associated with Department and Medical Society of District of Columbia. Presented the public health side in a team-taught program on “Coordinated Investigations” (integrating public health with police investigations) training for senior departmental personnel.

2001 Millennium Series coordinator. Advanced curriculum in occupational medicine of the

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- American College of Occupational and Environmental Medicine. Involves supervising eight tracks of lectures, each offered for at least one day at two annual meetings of the College. The “Mil Series” was considered the Colleges premiere advanced continuing medical education offering. Performed this function for two years.
- 2003 Public Health Week. “Biomonitoring”. Symposium and panel discussion, GWUMC.
- 2002 Honorary Chair (one of several). Physician’s Statement on Climate Change. Statement signed by 2,000 physicians and health scientists and endorsed by 50 medical organizations across Canada.
- 2002 International Congress on Environmental Health: “Healthy Ecosystems, Healthy People” 6-10 June 2002. Washington DC. Member, Program Committee.
- 2002 Children and the Environment: Making a Safe Place to Grow”, Public Health Week symposium. 1 April 2002, Washington DC.
- 2002 ASAP Task Force at GWU. “Lessons from 9-11”. 28 February 2002, Washington DC. Program committee.
- 2001 Children’s Environmental Health II: A Global Forum for Action. 8 – 11 September 2001. Washington DC. Co-Chair, Scientific Program Committee Co-chair.
- 2000 Public Health Week Symposium: “Bioterrorism and the Civilian Response”. 4 April, Washington DC.
- 2000 International Congress on Occupational Health, all sessions on occupational lung disease, 27 August – 1 September, Singapore.
- 1998+ Basic Curriculum, American College of Occupational and Environmental Medicine. Organized entirely new curriculum and course format together with Harold Hoffman. The BC is an introductory course for physicians newly entering occupational medicine, usually from other medical specialties. It is given in three parts, each consisting of a two-day session of lectures, various sessions are offered two to four times per year at College meetings. From 1998 to 2001, served as Co-Course Coordinator. From 2001 on, have served as consultant and remain a lecturer.
- 1997 American Occupational Health Conference, Scientific Session on “Evidence-Based Medical Dispute Resolution.” 14 May 1997, Orlando FL.
- 1996 International Congress on Occupational Health, all sessions on occupational lung disease.

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- 15-20 September 1996, Stockholm.
- 1996 Airways Disease and Occupational Exposure to Particulates Not Otherwise Classified/Regulated. 7-8 October 1996, Pittsburgh. Convened by AOEC for NIOSH.
- 1996 International Society for Environmental Epidemiology, Scientific Program Chair. 17-20 August 1996, Edmonton, Alberta.
- 1995 Canadian Association of Physicians for the Environment, First Annual Meeting. 25 November 1995, Edmonton, Alberta.
- 1995 Second Annual Update in Occupational Medicine. 14 October 1995, Edmonton, Alberta.
- 1995 Fourth International Safe Community Conference, Scientific Program Chair. 5-8 June 1995, Fort McMurray, Alberta. Annual meeting of the World Health Organization Safe Community Network.
- 1994 People-to-People Citizen Ambassador Program: Leader of Occupational Health Delegation to China. 13-27 October, Beijing, Harbin, Shanghai.
- 1994 Toxicology for Epidemiologists. 24 September, Como (Italy). Satellite Workshop to Tenth International Symposium on Epidemiology in Occupational Health, 20-23 September.
- 1994- Continuing Professional Development for WCB Medical Advisors and Staff, Workers' Compensation Board of Alberta, quarterly training programs.
- 1993 Diagnosis, Treatment, and Prevention of Silica-Related Diseases. 27 October, San Francisco. Satellite course for the Second International Symposium on Silica, Silicosis, and Cancer, 28-31 October.
- 1993 Prevention '93, Session on Worksite Health Promotion. 18 April, St. Louis.
- 1991 Occupational Medical Association of Canada (Scientific Program). 6-10 October, Edmonton.
- 1990 People-to-People Citizen Ambassador Program: Leader of Occupational Health Delegation to China. 3-19 June, Beijing, Harbin, Shanghai, Hong Kong.
- 1988 Alberta Occupational Health Society Annual Meeting. 18 November, Calgary, Alberta.

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- 1988 American Occupational Health Conference (American Occupational Medical Association), session on occupational health care trends in North America). 25-29 April, New Orleans.
- 1986 Canadian Occupational Health Association, Annual Meeting, Member of Program Committee. September, Calgary, Alberta.
- 1984 American Occupational Health Conference (American Occupational Medical Association), three of fifteen sessions. April, Los Angeles, California.
- 1983 Western Occupational Health Conference (Western Occupational Medical Association), complete program. 1-2 October, Newport Beach, California.
- 1982 Annual Meeting, Pacific Coast Council of Latin American Studies, session on health care trends in Baja California, 15 October, Tijuana, Baja California (Mexico).
- 1982 Annual Meeting, American College of Preventive Medicine, complete program (13 sessions concurrent with the American Public Health Association). 14-18 November, Montréal, Québec (Canada).
- 1981 -
- 1984 Binational Environmental Health Symposia. Series of regional meetings jointly developed and sponsored by SDSU (San Diego) and Universidad Autónoma de Baja California (Tijuana, México).

Directorships and Senior Offices

- Alberta Federation of Labour Occupational Health Clinic (1984 - 1988)
- Alberta Occupational Health Society (1987 - 1989, President 1988)
- American College of Occupational and Environmental Medicine
(President 2006 – 2007 and offices in succession before and after; Board of Directors 1997-2000 and 2002-2005)
- American College of Preventive Medicine
(Regent for Occupational Medicine 1988 - 1993)
- American Lung Association of San Diego and Imperial Counties (ALASDIC)
Board of Directors (1982-1984)
- Association of Occupational and Environmental Clinics
(Board of Directors, Vice-President 1998 – 1999 and President 1999 - 2000)
- Canadian Association of Physicians for the Environment (Founding President, subsequently Honorary President)
- Canadian Occupational Health Association (1991 - 1994)

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International Commission on Occupational Health
(Board of Directors 2000 – 2006; Chair, Finance Committee)
International Society of Doctors for the Environment (Directing Committee 1994-1998; Vice-
President for North America 1997 –1998)
International Society for Ecosystem Health (Board of Directors, Vice-President; 1999 - 2003)
Occupational and Environmental Medical Association of Canada (Board of Directors 1991-1998)
Society for Risk Analysis
National Capital Area Chapter (Board 2003 – 2009 and present, Vice President/Program
Director, President in 2006)
Chair, Risk Communication Specialty Group (2007-2008)
Chair, Risk Policy and Law Specialty Group (2010 – 2011)
Western Occupational Medical Association (WOMA), Board of Directors (1983-1984)

Grant Review Services

Alberta Occupational Health and Safety Heritage Grant Program
Association of Occupational and Environmental Clinics
Case Studies in Environmental Medicine
British Columbia Cancer Control Agency
British Columbia Health Care Research Agency
Cancer Research UK (Population and Behavioural Sciences)
Environmental Protection Agency (US)
Office of International Affairs
(Georgian) Shota Rustaveli National Science Foundation (Republic of Georgia), registered
Health Research Council of New Zealand
Hong Kong Research Grants Council
New Zealand Medical Research Council
Manitoba Research Council
Medical Research Council (Canada)
National Health Research Development Program (Canada), study section and reviewer
National Institute for Occupational Safety and Health (U.S.)
Safety and Occupational Health Study Section
National Occupational Research Agenda (NORA)
National Science Foundation
Natural Sciences and Engineering Research Council (Canada)
US Civilian Research & Development Foundation for the Independent States of the Former
Soviet Union (U.S. Dept. of State)
Workers' Compensation Board of British Columbia
Workplace Safety Insurance Board of Ontario, Research Advisory Council

Editorial Services and Manuscript Review for Periodicals

(Reviewer unless other stated)

Alberta Studies in Occupational Health (Editor, in-house vehicle)
American Family Physician (Editorial Board, 1983-1989)
American Journal of Industrial Medicine
American Journal of Preventive Medicine
American Journal of Public Health
American Journal of Respiratory and Critical Care Medicine
American Public Health Association, *Preventing Occupational Disease and Injury* (physical hazards)
Annals of Epidemiology
Annals of Occupational and Environmental Health
Annals of the Royal College of Physicians and Surgeons of Canada
Archives of Environmental and Occupational Health (Editor-in-Chief)
BMC Health Research (BioMedical Communications)
Bulletin of the Pan American Health Organization
Canadian Journal of Public Health
Canadian Journal of Rehabilitation (Editorial Board, 1986-1990)
Canadian Medical Association Journal (Ms. Review, Book Reviewer)
Cancer Prevention International (Editorial Board)
Chest (American College of Chest Physicians)
Clinical Biomechanics
Clinical Journal of Sports Medicine
Conservation Ecology
Critical Reviews in Toxicology
EcoHealth
Ecosystem Health (Editorial Board)
Ecosystem and Human Health
Environment
Environmental Health: A Global Access Science Service (on line)
Environmental Medicine (on-line)
Environmental Research
European Respiratory Journal
Food and Chemical Toxicology
Global Change and Human Health (Editorial Board)
Health Policy
Health Promotion Practice
Health Psychology
Indian Journal of Medical Sciences
Industrial Health (Japanese National Institute of Occupational Health)
Injury Prevention

International Journal of Cancer
 International Journal of Environment and Pollution
 International Journal of Environmental Health Research
 International Journal of Epidemiology
 International Journal of Occupational and Environmental Health (past Editorial Board)
 International Journal of Risk Assessment and Management (Editorial board)
 Israel Journal of Medical Sciences
 Journal of Agricultural and Food Chemistry
 Journal of Agricultural Safety and Health (Editorial Board)
 Journal of the American Medical Association (Book Reviewer)
 Journal of Emergency Management (Editorial Board)
 Journal of Epidemiology and Community Health
 Journal of Hazardous Waste Management
 Journal of Hazardous Materials
 Journal of Healthcare Safety (Editorial Advisory Board)
 Journal of Homeland Security and Emergency Management
 Journal of Occupational and Environmental Medicine
 Journal of Public Health Management and Practice
 Neurotoxicology
 Occupational and Environmental Medicine (formerly British Journal of Industrial Medicine)
 Occupational and Environmental Medicine Report (Editorial Board)
 Occupational Medicine (London), formerly Journal of the Society of Occupational Medicine
 (Editorial Board 1992-2000)
 Public Health Reports
 Public Health Reviews (Editorial Advisor)
 Risk Analysis
 Royal Society of Chemistry (UK), books commissioning division
 Social Sciences in Medicine
 Toxicological Sciences

Testimony and/or Service to Governments, Non-Governmental Organizations, and Public Agencies

Alberta Agriculture
 Alberta Energy Resources Conservation Board
 Alberta Energy and Utilities Board
 Alberta Environmental Protection
 Alberta Health, Population (previously Environmental) Health Branch
 Alberta Health Care Insurance Plan, Supplemental Assistance Committee
 Alberta Human Rights Commission
 Alberta Labour, Occupational Health and Safety Division

Alberta Municipal Affairs, Housing and Consumer Affairs Division
 Alberta Premiere's Commission on Future Health Care for Albertans
 Alberta Task Force on the Workers' Compensation Board
 Alberta Workers' Compensation Board
 Alberta Workers' Health Centre (not for profit)
 American College of Occupational and Environmental Medicine
 Chair, Government Affairs Committee (2008-2009)
 American Association of Medical Colleges
 American Association on Mental Retardation, Environmental Health Project
 Committee on Research and Science
 American Board of Internal Medicine (question author)
 Bioterrorism and Biosecurity (Univ. of Pittsburgh)
 Bureau of Chemical Hazards, Health Canada
 California Air Quality Advisory Committee
 California Assemblyman Larry Stirling
 California Senate Select Committee on Children and Youth
 Canada (Federal Government)
 Dept. of External Affairs
 Health Canada
 Federal-Provincial Committee on Population Health
 National Defence (Advisory Committee on Gulf War Illness)
 Canadian Global Change Program
 (Member, Health Issues Panel)
 Canadian Institute of Child Health
 Steering Committee, *Changing Habits, Changing Climate*
 Canadian Public Health Association
 Task Force on Global Ecological Change (Chair, 1991)
 Capital Health Authority, Women's Health Program Council
 (Member, Occupational Health Task Force)
 Central Alberta Waste Management District
 Clean Air Strategy for Alberta (now Clean Air Strategic Alliance)
 Task Force on Definitions (co-Chair)
 Clean Air Strategic Alliance of Alberta
 Task Force on Air Toxics (advisor)
 Trace Metals and Air Contaminants Working Group (reviewer)
 Scientific Advisory Committee for Priority Setting in the Development of Alberta
 Ambient Air Quality Guidelines (member; it won *The Premiere's Award for Excellence*
 in 2001)
 Concordia University College of Edmonton
 Environmental Health After-Degree Program Advisory Committee
 District of Columbia

Office of the Mayor, Washington, D.C.
Mayor's Environmental Advisory Council
Mayor's Health Policy Council, Environmental Health Committee
Spring Valley Scientific Advisory Panel
Asthma "State Plan" Initiative, Environmental and Occupational Health Committee
Water and Sewage Authority (consultant on lead in drinking water issues)

Edmonton Board of Health
Edmonton, City of
Forum for Action (on Occupational Health and Safety in Alberta)
Foundation for Biomedical Research
 Judge, Michael DeBakey Science Journalism Awards

Gulf Coordination Council
 Occupational Health Committee

Healthcare Sector Coordinating Council (associated with US Dept. of Homeland Security)
 Occupational Health Subcouncil

International Joint Commission [on the Canada - U.S. boundary]
 Health Professionals Task Force

International Labour Organization

Los Angeles City Council, full Council and Planning Committee
Los Angeles City Planning Commission

Manitoba Workers' Compensation Board

National Academy of Sciences (U.S.), Institute of Medicine
 Committee to Review the Health Effects on Vietnam Veterans of Exposure to Herbicides
 (Third Biennial Update) [Member, participated in two reports]
 (Fourth Biennial Update) [Member, participated in two reports]
 Panel on Musculoskeletal Disorders [testimony only]
 Committee on Disposition of the Air Force Health Study [reviewer]

National Institute for Health Research (Canada)
 National Forum to Identify Research Priorities for the Environmental Influences on
 Health

Ontario Medical Association
 Round Table Project on Safe and Timely Return to Function and Work

PanAmerican Health Organization

San Diego County Department of Health Services

Strathcona County (Alberta)

United Nations Environmental Program, Secretariat to the Basel Convention

United States Centers for Disease Control and Prevention
 Agency for Toxic Substances and Disease Registry

United States Army
 Environmental Policy Institute (faculty mentor for fellows)
 Cancer Institute, Epidemiology Advisory Group

United States Commission on Civil Rights
United States Department of Commerce (on anthrax risk)
United States Department of Defense (Anthrax Vaccine Immunization Program)
United States Department of Homeland Security, Infrastructure Expert Team
United States Environmental Protection Agency
United States Environmental Study Council
United States House of Representatives
 Subcommittee on Water Assets and Resources (on trace organics)
United States Military Cancer Institute
 External Advisory Board
United States National Institute for Occupational Safety and Health
 NORA Liaison Committee
United States Occupational Health and Safety Administration
United States Office of Management and Budget
United States Senate
 Interior and Insular Affairs Committee
 Judiciary Committee
United States Senate Subcommittee on Education
United States Federal Trade Commission
Vermont State Legislature (Committee on Economic Development)
Virginia State Legislature
Workers' Compensation Board of Alberta
World Bank
 Environmental Health Program, Environmental Section
 Latin American and Caribbean Section
 Mission to evaluate environmental liabilities, 2002: Zambia, ZCCM-IH
World Health Organization
YWCA (Edmonton)
 "Tribute to Women" Awards Jury Panel (for Health Professionals)
American College of Chest Physicians (resigned Fellowship)

Medical and Professional Services Panels

American College of Occupational and Environmental Medicine: ACOEM Practice Guidelines
 Participant, Respiratory panel (Airways and Interstitial groups)
American Red Cross
 Disability evaluation reviews (under contract)
American Thoracic Society
 Task force on diagnostic criteria for asbestos-related disease (Chair)
Association of American Medical Colleges (on bioterrorism and medical curriculum)
Australasian Faculty of Occupational Medicine

Working Party on Occupational Cancer (Reviewer)
Healthy House Institute
Member, Advisory Panel
Montgomery County (Maryland) Disability Review Panel, Member
Occupational Health Disaster Expert Network (OH Advisory Committee), a subcouncil of the Healthcare and Public Health Sector Coordinating Council, an ISAC (Information Sharing and Coordination group). This is a sector organization that reports to Department of Homeland Security. It is sponsored federally by the Assistant Secretary for Public Health Preparedness, Department of Health and Human Services and is sponsored within the sector by the American College of Occupational and Environmental Medicine, with operational support from the MITRE Corporation.
Strategy Committee
US Centers for Disease Control and Prevention (on emergency preparedness and bioterrorism)
US Department of Energy, Office of Worker Advocacy
Physician panels for evaluating eligibility of DOE workers for workers' compensation benefits
US Department of Homeland Security, Infrastructure Expert Team. Managed by Oak Ridge Associated Universities.
UCLA Center for Public Health and Disasters, Core Competencies Questionnaire panel
Western Interprovincial Scientific Studies Association (1999 – 2006)
Western Canada Study on Animal Health Effects Associated with Exposure to Emissions from Oil and Natural Gas Field Facilities (Co-Chair, Scientific Advisory Panel)

Relevant Professional Affiliations

Academy of Medicine of Washington, DC
Air and Waste Management Association
American Association for the Advancement of Science
Fellowship Selection Committee
American College of Occupational and Environmental Medicine (Fellow)
President (2006 – 2007), President- Elect (2005 – 2006), Vice-President (2004 – 2005)
Board of Directors (1997 – 2000, 2002-2005)
Chair, Board Committee on Policy, Procedures and Public Positions (2004-2005)
Chair, Personnel Committee (2004 – 2005)
Chair, Committee on Policies, Procedures and Public Positions (2004 – 2005)
Finance Committee (2004 – 2006)
Board Strategic Planning Committee (1997 - 2000), Chair (2005 – 2006)
Board Committee on Governmental Affairs (2008-2009)
House of Delegates (1996 – 2000)
Chair, Council on Special Occupational Health Interests (1999 – 2000)

Council on Education (2002 - 2005), Chair (2003 – 2004)
 Publications Committee (1993 - 2005)
 Committee on Enduring Materials (1996 – 1999)
 Committee on Epidemiology (Chair, 2000 - 2002)
 Committee on the Basic Curriculum (1990 – 1992)
 Committee on Conferences (1997 - 2003)
 Committee on History (interim secretary, 2010)
 History and Archives Section (Secretary, 2009-current)
 Private Practitioners Section (1994 - current)
 International Section (1994 - current)
 Committee on Emergency Preparedness (2004 – current)
 Occupational Health Disaster Expert Network (2004 – current)
 Underserved Populations Section (2004 – current)
 Committee on Occupational Lung Diseases (2001 - current)
 American College of Physicians (Fellow)
 Task Force on Bioterrorism
 American College of Preventive Medicine
 Regent for Occupational Medicine (1988 – 1993)
 Chair, Committee on Education
 Committees: Policy, Science, Environmental Health (2006 – current)
 Task force on Bioterrorism (2003 – current)
 American Public Health Association
 Environmental Health Section
 Occupational Health Section
 American Thoracic Society
 Scientific Assembly on Environmental and Occupational Health
 Chair, Committee on Evaluation of Nonmalignant Asbestos-Related Disease
 Association of Occupational and Environmental Clinics (Board of Directors, President)
 Numerous committee and task force assignments
 Canadian Association of Physicians for the Environment
 (Founding President; former Chairman, Board of Directors; Treasurer)
 Canadian Public Health Association
 Committee on Publication Ethics (representative of *Archives of Environmental and Occupational Health*, Taylor & Francis, publishers)
 Energy Institute (Fellow)
 Fulbright Academy of Science and Technology
 Gulf Occupational Medicine Group
 International Commission on Occupational Health (Member, Board of Directors)
 (Board) Committee on Newsletter and Communications
 (Board) Task Force on “Ban Asbestos” movement
 (Board) Working Group on Women, Health and Occupation (for gender diversity)

ICOH-WHO Task Force on Elimination of Silicosis
Scientific Committee on Epidemiology
MedichemOH and Economic Development
Scientific Committee on Respiratory Disorders (Former Chair)
International Society for Ecosystem Health (Vice-President)
Occupational and Environmental Medical Association of Canada (Board of Directors)
Ramazzini Society
Royal Society of Medicine (Overseas Fellow)
 Section on Occupational Medicine
 Section on History of Medicine
 Section on Forensic Medicine
Sigma Xi
Society for Epidemiologic Research (not current)
Society of Occupational Medicine (UK) (not current)
Society for Risk Analysis
 National Capital Area Chapter (President)
 Chair, Risk Communication Specialty Group
 Chair, Law and Policy Specialty Group
Society of Toxicology (not current)
Society of Toxicology of Canada (not current)

Membership in various organizations may have been started or terminated for professional reasons or after relocation. Please inquire regarding current status if membership or an affiliation to a particular organization is of interest.

Research Interests

Air pollution effects and community risk. (Special interest in photochemical oxidants and air toxics, especially hydrogen sulphide.)

Ecosystem and human health. (Special interest in consequences of global change, urbanization.)

Energy industries and their occupational and environmental health risks (Special interest in oil and gas, oilsands, coal, oil shale, shale gas, and oil sands.)

Environmental quality, ecosystem health, and relation to human health. (Special interest in risk perception, global ecological change, implications for human health of changing ecosystems)

Evidence-based medical dispute resolution. (Special interest in use of scientific information to resolve issues in tort litigation and adjudication proceedings.)

Firefighters and occupational risk.

Inhalation toxicology and occupational lung diseases. (Special interest in sulfides, oxidant lung injury, trace metals, silicosis.)

Occupational cancer. (Special interest in lung cancer associated with silica exposure.)

Pulmonary injury from and response to inhaled particles. (Special interest in pneumoconioses including silica and asbestos, PM_{2.5}, PNOC, and prevention.)

Social marketing and health promotion. (Special interest in "safe community" activities relating public and worksite health promotion, and in population health issues arising from development in boreal forest communities.)

Sustainability and health issues. (Special interest in how health outcomes are key to supporting sustainability; sustainability, health, and economic development; health issues associated with climate change.)

Workers' compensation policy and adjudication. (Special interest in presumption and impairment evaluation. 27 states and 8 Canadian provinces have adopted presumptions for occupational cancers for firefighters based largely on our work)

Significant Research Affiliations, Research Advisory Panels

Western Interprovincial Scientific Studies Association, Scientific Advisory Panel, co-chair.
WISSA managed the initiation, design, implementation, and presentation of a major study (6 years, \$15 million) of the health effects on cattle and wildlife downwind of emissions from natural gas wells and facilities, with an emphasis on reproductive health outcomes and immune effects.

American Water Works Association Research Foundation Project #2851
Advancing collaborations for water-related health risk communication.
Designated Quality Assurance Officer

District of Columbia Asthma Coalition, through Mid-Atlantic Center for Children's Health and Environment, and related activities.
Designing asthma prevention and housing intervention programs
Assistance in development of "Statewide Asthma Plan" for DC

Human Health Effects of Controlled Exposure to Hydrogen Sulfide. Science and Ethics Advisory Panel, 2002 - 2007.

Environmental and Occupational Health Sciences Institute, Univ. Medicine & Dentistry of New Jersey.

International Labour Organization, Global Program for the Elimination of Silicosis
Technical assistance

Interrelated activities involving child health and the environment:

MidAtlantic Center for Child Health and the Environment (Pediatric Environmental Health Specialty Unit, Region 3)
INCHES (International Network for Child Health, Environment and Safety)
Paediatric Environmental Health Clinic, University of Alberta

Mission to Zambia under sponsorship of the World Bank and ZCCM-IH.

Team member (with economist) in the assessment of hazards and legacy environmental issues in two regions of Zambia:

1. De-nationalized properties associated with copper and cobalt mining in Copperbelt Province (several sites).
2. De-nationalized property (mine and smelter complex) and local environmental contamination associated with lead mining and smelting in Kabwe, Central Province.

Network for Environmental Risk Assessment and Management (NERAM) [Canada]
Collaborator on air quality issues, 1997-1998.

Network of Centres of Excellence in Sustainable Forestry Management.

Collaborator since 1999, formerly coordinator of Health Component of Socioeconomic Theme (1995 - 1999).

Tricouncil EcoResearch Chair in Environmental Risk Management, Univ. of Alberta, 1993-1998.

Collaborator. Principal role in air quality studies, risk comparison, and role of physicians in risk communication.

Vietnam Veterans and Agent Orange. Committee on Update [2000, 2002], 1999-2001, 2001 – 2003. Institute of Medicine.

Western Canada Study on Animal and Human Health Effects Associated with Exposure to Flare Emissions. Scientific Advisory Panel, Co-Chair 1999 – 2006.
Western Interprovincial Scientific Studies Association.

Current and Recent Student Supervision (since 1990)

Students at the Chinese University of Hong Kong (JC School of Public Health and Primary Care):

Chen Minghui, PhD Candidate

Prediction models for optimizing interval time for chest radiographs for workers exposed to silica, and cost-benefit analysis

Tse Lap Ah, PhD candidate

Silica, silicosis, smoking interactions, and lung cancer risk

Students at The George Washington University Medical Center:

SPHHS = School of Public Health and Health Services

SMHS = School of Medicine and Health Sciences

Law = Law School

Kathy Kirkland, DrPH Candidate, SPHHS

Topic: Safe work performance among nurses

Bryn Bird, MPH Candidate, SPHHS

Topic: Risk anticipation and the prediction of public issues

Rumi Chia, MPH Candidate SPHHS

Topic: Water color as a risk indicator

Michael Ardaiz, MD, MPH Candidate, SPHHS

Topic: Standards for public safety employees

Jennifer Breedlove, MPH Candidate, SPHHS

Topic: Surveillance bias in reporting occupational asthma in Washington DC

Amy O'Connor, MPH Candidate, SPHHS

Topic: Persistent organic pollutant exposure in an aboriginal population in Canada

Jessica Pulz, MPH Candidate, SPHHS

Topic: Case studies of response to anthrax threat: Trenton, Brentwood

Hope Dishman, MPH Candidate, SPHHS

Topic: Mercury content in common seafoods

Monica Gagnon, MPH Candidate, SPHHS

Topic: Pesticide exposure and low birth weight

Duane Foster, M.Sc. Candidate , SPHHS

Topic: Health effects of exposure to trona dust

Ball, Stephanie, MPH Candidate, SPHHS

Topic: Use of antibiotics in animal feed and emergence of drug resistance

Brandi Karasiewicz, MPH Candidate, SPHHS

Topic: Mapping lead exposure risk in a contaminated urban area

Ida Rosenblum, MPH Candidate, SPHHS

Topic: Rates of *Salmonella* contamination in raw meat and poultry, by serotype

Pushya Potnis, MD, MPH Candidate

Topic: Kidney weight increase as an LOAEL

Adebola Laditan, MPH Candidate, SPHHS.

Topic: Carbon monoxide intoxication, case surveillance

Hans Kwafu, MSc Candidate (Epidemiology), SPHHS.

Topic: Trace element analysis.

Sylvie Cohen, MD, MPH Candidate, SPHHS and OEM Fellow, SMHS.

Topic: Occupational medicine and child health.

Josh Penrod, JD, MPH Candidate, SPHHS, Law.

Topic: MTBE case study under NAFTA.

Fred Hendricks, MD, MPH Candidate, SPHHS.

Topic: Peritoneal mesothelioma and asbestos exposure.

Brian Maguire, MPH Candidate, PA, Dr.P.H. SPHHS

Topic: Occupational hazards of emergency medical response personnel

John McNamara, MD, MPH, OEM Fellow, SMHS. Retired Air Force.

Special interest in civilian emergency management and preparedness.

Daniel Becker, JD, MPH Candidate, SPHHS and Law joint MD-JD program

Topic: An analysis of the intersection of the rules of evidence, case law and epidemiology [including a legal analysis of *Daubert* decision]

William C. Herz, MPH Candidate, SPHHS

Topic: MTBE occurrence in groundwater and public water supplies in Virginia

Students at the University of Alberta, Faculty of Medicine:

Justin Klaver, MSc. Candidate. Department of Public Health Sciences, external examiner.

Topic: Implications of climate change for Alberta

Komali Naidoo, B.Sc. (MSc candidate). Department of Human Ecology.

Topic: Boreal forest management, ecosystem disturbance, and hantavirus risk

Chris Martin, M.D. (MSc candidate and Occupational Medicine Resident)

Topic: Trace element analysis, light metal toxicity, metal fume fever.

Niels Koehncke, M.D. (MSc candidate and Occupational Medicine Resident)

Topic: Noise exposure in Alberta sawmills.

Michael Yamanaka, M.D. (MSc candidate and Occupational Medicine Resident)

Topic: Wood dust exposure in Alberta sawmills.

Molly Turnbull, Ph.D. Candidate, Department of Public Health Sciences

Topic: Ecology, economic development, and traditional culture in the boreal forest

Morgan Scott, Ph.D. Candidate, University of Guelph, Ontario Veterinary College, Dept. of Population Medicine. (Joint supervision at University of Alberta.)

Topic: Effects of sour gas emissions on health and productivity in Alberta beef and dairy herds.

Verona Goodwin, M.Sc. Candidate, Dept. of Public Health Sciences.

Topic: Validating monitoring methods for airborne sulfides in rural Alberta.

Harold Hoffman, M.D. (Occupational Medicine Resident)

Topic: Occupational hazards of natural gas workers.

Imad Al-Jahdali, M.D. (Occupational Medicine Resident)

Topic: Sensitivity and specificity of a screening test for HIV positivity.

Mark Harcourt, Ph.D. Candidate (Business) Faculty of Business.

Topic: The right to refuse unsafe work v. the right to manage.

Javier Mignone, M.H.S.A. (Health Services) Graduate Program in Health Services Administration, Dept. of Public Health Sciences.
Topic: Self-help support groups for injured workers.

Phil Karpluk, MD (Occupational Medicine Resident)
Topic: Welders and trace metal accumulation.

Verona Goodwin, BS. Candidate (Medical Laboratory Science) Program in Medical Laboratory Science. Topic: Indoor air quality and evolved formaldehyde from humidifier disinfectant usage.

Vernon G. Lappi, M.D. (Occupational Medicine Resident)
Topic: Injury prevention in agriculture.

Stephanie Mah, M.D. (Special Clinical Trainee), Alberta Occupational Health and Safety. Structured clinical experience.

Maureen Simmons, Ph.D. Candidate, University of Alberta Faculty of Rehabilitation.
Topic: Assessment of disability in low back pain.

Fu Hua, Ph.D. Candidate (Epidemiology) Dept. of Preventive Medicine, Shanghai Medical University. (Served as external member of dissertation committee).
Topic: Silica and lung cancer.

Sze Lap Lee, M.D. (Honours), Medical student honours program.
Topic: Occupational health surveillance and "sentinel event" case monitoring.

Catherine M.P. Lafferty, M.H.S.A. (Health Services) Health Services Administration Program.
Topic: Occupational health services and description of clinic experience.

Peggy Szumlas, M.Sc. Candidate (Nursing) Faculty of Nursing.
Topic: Occupational hazards of cancer chemotherapeutic agents.

Seet Lin Tan, M.Sc. Candidate, Faculty of Engineering.
Topic: Combustion products from laser cutting of wood.

Karen Clinker, M.Sc. Candidate (Education) Faculty of Graduate Studies, Dept. of Adult and Higher Education (adviser).
Topic: Effectiveness of a back injury prevention program.

No listing available of students before 1990. Estimate that there were about one dozen,

distributed among PhD, MPH and other master's degrees.