

Peer Reviewed Publications of Original Work

(*indicates co--author who was student, post doc, or research assistant under my supervision)

1. D'Eustacio P, Bothwell A, **Takaro TK**, Baltimore D, and Ruddle FH. Chromosomal location of structural gene encoding murine immunoglobulin light chains. Journal of Experimental Medicine, 153:793, 1981.
2. Kilburn K, Warshaw R, Boylen CT, Johnson S, Seidman B, Sinclair R, and **Takaro TK**. Pulmonary and neurobehavioral effects of formaldehyde exposure. Archives of Environmental Health, 40:254, 1985.
3. **Takaro TK** and Coodley GO. Pentoxifylline for ischemic pain in pseudoxanthoma elasticum. Western Journal of Medicine 159:689-690, 1993.
4. **Takaro TK** and Osborne ML. Physician efforts to reduce global warming: Participation in a municipal carbon dioxide reduction program. Medicine and Global Survival 2:56-57, 1995.
5. Boiko PE and **Takaro TK**. The fourth party to the Tri-Party Agreement: Public involvement. Ilahee 11:100-108, 1996.
6. Ponce RA, *Bartell SM, Lee RC, Kavanagh TJ, **Takaro TK** and Faustman EM. Uncertainty analysis methods for comparing predictive models and biomarkers: A case study of dietary methyl mercury exposure. J. Regulatory Toxicology and Pharmacology, 28: 96-105, 1998.
7. Pappas GP, **Takaro TK**, Stover B, Beaudet N, Salazar M, Calcagni J, Shoop D and Barnhart S. Medical clearance for respirator use: Sensitivity and specificity of a self-administered questionnaire. Am. J. Ind. Med. 35:390-394, 1999.
8. Pappas GP, **Takaro TK**, Stover B, Beaudet N, Salazar M, Calcagni J, Shoop D and Barnhart S. Personal protective respirators: Rates of medical clearance and causes for work restrictions. . Am. J. Ind. Med. 35:395-400, 1999.
9. Salazar MK, **Takaro TK**, Ertell K, O'Neill S, Connon C, Gochfeld M and Barnhart S. Structure and function of occupational health services within selected Department of Energy sites. J. Occ. & Env. Med. 41: 1072-1078, 1999.
10. Salazar MK, **Takaro TK**, Connon C, Ertell K, Pappas GP and Barnhart S. A description of factors affecting hazardous waste workers' use of respiratory protective equipment. Applied Occupational and Environmental Hygiene 14: 470-478, 1999.
11. **Takaro TK**, Arroyo MG, Brown GD, Brumis SG and Knight EB. Community-based survey of maquiladora workers in Tijuana and Tecate, Mexico. International J. Occ. & Env. Health 5: 313-315, 1999.

12. *Bartell SM, Ponce RA, **Takaro TK**, Zerbe RO, Omenn GS, and Faustman EM. Risk Estimation and Value-of-Information Analysis for three proposed genetic screening Programs for Chronic beryllium disease prevention. Risk Analysis 20:87-99, 2000.
13. *Bartell SM, **Takaro TK**, Ponce RA, Hill JP, Faustman EM, and Omenn GS. Risk Assessment and Screening Strategies for Beryllium Exposure. Technology 7: 241-249, 2000.
14. Krieger JW, Song L, **Takaro TK** and Stout J. Asthma and the Home Environment of Low-Income, Urban Children Preliminary findings from the Seattle-King County Healthy Homes Project. J.Urban Health 77: 50-67, 2000.
15. **Takaro TK**, Ertell K, Salazar M, Beudet N, Stover B, Hagopian A and Barnhart S. The Structure, Function and Finance of Occupational Health and Safety Services at Hanford. J. Healthcare Quality 22: 29-37, 2000.
16. *Chai S, Robertson WO, **Takaro TK**, Beudet N, Simpson L and Barnhart S. Perceptions on Pediatric Environmental Health: A needs assessment survey questionnaire. Int. J. Occ. & Env. Med. 7: 37-43, 2001.
17. Salazar MK, Connon C, **Takaro TK**, Beudet N and Barnhart S. An evaluation of factors affecting hazardous waste workers' use of respiratory protective equipment. American Industrial Hygiene Association J. 62:236-45, 2001.
18. Hai DN, *Chai SK, Chien VC, Keifer M, **Takaro TK**, Yu J, Son PH, Trung LV and Barnhart S. An occupational risk survey of a refractory brick company in Ha Noi, Viet Nam. Int. J. Occ. Env. Med. 7: 195-200, 2001.
19. Rosato MT, *Jabbour AJ, Ponce RA, Kavanagh TJ, **Takaro TK**, Hill JP, Poot M, Rabinovitch PS and Faustman EM. Simultaneous analysis of surface marker expression and cell cycle progression in human peripheral blood mononuclear cells. J. Immunol. Meth. 256:35-46, 2001.
20. Krieger JW, **Takaro TK**, Allen C, Song L, Weaver M, *Chai S and Dicky P. The Seattle-King Co. Healthy Homes Project: A comprehensive approach to evaluating and improving indoor environmental quality for low-income children with asthma. Env. Health Perspectives 110 (S-2):311-322, 2002.
21. Chien VC, *Chai SK, Hai DN, **Takaro TK**, Checkoway H, Keifer M, Son PH, Trung LV and Barnhart S. Pneumoconiosis among Workers in a Vietnamese Refractory Brick Facility. Am. J. Ind. Med. 42:397-402, 2002.
22. Salazar MK, **Takaro TK**, Gochfeld M and Barnhart S. An evaluation of occupational health and safety services at ten US Department of Energy weapons sites. Am. J. Ind. Med. 43: 418-428, 2003.

23. Nga NN, *Chai SK, Bihn TT, Redding G, **Takaro TK**, Checkoway H, Son PH, Van DK, Keifer M, Trung LV and Barnhart S. ISAAC-based asthma and atopic symptoms among Ha Noi school children. Ped. Allerg. Immun. **14**: 272-279, 2003.
24. Daniell WE, Stover BD and **Takaro TK**. Comparison of criteria for significant threshold shift in workplace hearing conservation programs. J. Occ. Env. Med. **45**:295-304, 2003.
25. *Drew CH, Grace DA, Silbernagel SM, Hemmings ES, Smith A, Griffith WC, **Takaro TK** and Faustman EM. Nuclear Waste Transportation: Case Studies Identifying Stakeholder Risk Information Needs. Env. Health Persp. **111**:263-72, 2003.
26. **Takaro TK**, Krieger JW, and Song L. Effect of environmental interventions to reduce asthma triggers in homes of low-income children in Seattle. J. Exp. Anal. Env. Epid. **14**: Suppl 1:S133-43, 2004.
27. *Judd N, Griffith W, **Takaro TK** and Faustman EM. A Model for Optimization of Biomarker Testing Frequency to Minimize Disease and Cost: Example of Beryllium Sensitization Testing. Risk Analysis **23**: 1211-1220, 2004.
28. *Chai SK, Nga N, Checkoway H, **Takaro TK**, Van D, Redding G, Keifer M, Son PH, Binh T, Trung LV and Barnhart S. Comparison of local risk factors for children's atopic symptoms in Hanoi, Vietnam. Allergy **59**: 637-644, 2004.
29. **Takaro TK**, *Engel, L, Keifer M, Bigbee W, Kavanagh T and Checkoway H. Glycophorin A: A potential bio-marker for the mutagenic effects of pesticides. Int. J. Occ. & Env. Med. **10**: 256-61, 2004.
30. Welch L, Ringen K, Bingham E. Dement J, **Takaro TK**, McGowan W, Chen A, Quinn P. Screening for beryllium disease among construction trade workers at department of energy nuclear sites. Am. J. Ind. Med. **46**:207-218, 2004.
31. Luderer U, Bushley A, Stover BD, Bremner WJ, Faustman EM, **Takaro TK**, Checkoway H and Brodtkin CA. Effects of Occupational Solvent Exposure on Reproductive Hormone Concentrations and Fecundability in Men. Am. J. Ind. Med. **46**: 614-26, 2004.
32. Krieger JW, **Takaro TK**, Song L and Weaver M. The Seattle-King County Healthy Homes Project: A Randomized, Controlled Trial of a Community Health Worker Intervention to Decrease Exposure to Indoor Asthma Triggers among Low-income Children. Am. J. Public Health, **95**:652-659, 2005.
33. *Chai SK, Altman G, Yazdanbakhsh M, Godat L, and **Takaro TK**. Reduced production of the T-cell regulatory cytokines IL10 and TGF- β in concomitant allergy and autoimmunity. Ann. Alleg. Asthma and Immunol. **94**:279-285, 2005.
34. *Bekris LM, Viernes H, Farin F, Maier L, Kavanagh TJ and **Takaro TK**. Chronic Beryllium Disease and Glutathione Biosynthesis Genes. J. Occ. Env. Med. **48**: 599-606. 2006.

35. Abbotts J, Weems C and **Takaro TK**. Nuclear Waste Disposition and Site Remediation: U.S. Department of Energy, State Governments, and Other Stakeholders. Remediation Journal 17: 121-134. 2006.
36. Wu F and **Takaro TK**. Childhood Asthma and Environmental Interventions. Env. Health Persp. 115:971-5. 2007.
37. Abbotts J, **Takaro TK** and Weems C. Formerly Utilized Sites Remedial Action Program “Completed” Sites: Lessons for Long-Term Stewardship. Remediation Journal 18: 83-96. 2007.
38. Burkle FM, Tapp C, Wilson K, **Takaro TK**, Guyatt GH, Hani A and Mills EJ. Iraq War mortality estimates: a systematic review. Conflict and Health 2:1 doi:10.1186/1752-1505-2-1. 2008.
39. *Hunt S, Orsborn M, Checkoway H, Biggs ML, McFall M, **TakaroTK**. Later Life Disability Status Following Incarceration as a Prisoner of War. Military Medicine 173:613-8. 2008.
40. Krieger JW, **Takaro TK**, Song L, Beaudet N, Edwards K. The Seattle-King County Healthy Homes II Project: A Randomized Controlled Trial of Asthma Self-Management Support Comparing Clinic-Based Nurses and In-Home Community Health Workers. Arch. Pediatr. Adolesc. Med. 163:141-9. 2009.
41. Roberts JW, Wallace LA, Camann DE, Dickey P, Gilbert SG, Lewis RG, **Takaro TK**. Monitoring and Reducing Exposure of Infants to Pollutants in House Dust. Reviews of Environmental Contamination and Toxicology. 201:1-39 DOI 10.1007/978-1-4419-0032-6_1. 2009.
42. Subbarao PJ, Becker A, Brook J, Daley D, Miller G, Mandhane P, Turvey S, Sears M, and CHILD study investigators. Expert Review in Clinical Immunology 5:77-95. 2009.
43. *Uhlman S, Galanis E, **Takaro TK**, Mak S, Gustafson L, Embree G, Bellack N, Corbett, K, Isaac- Renton J. Where’s the pump? Associating sporadic enteric disease with drinking water using a Geographic Information System, in British Columbia, Canada, 1996-2005. Water and Health 7:692–698. 2009.
44. Hagopian A, Lafta R, Hassan, J, Davis S, Mirick D and **Takaro TK**. Trends in Childhood Leukemia in Basrah, Iraq (1993-2007). Am J. Pub Health 100: 1081-7. 2010.
45. Ostry A, Ogborn M, Bassil KL, **Takaro TK** and Allen DM. Climate change and health in British Columbia: Projected impacts and a proposed agenda for adaptation research and policy. Int. J. Env. Res. and Pub. Health 7:1018-1035. 2010.

46. Sandel M, Baeder A, Bradman A, Hughes J, Mitchell C, Shaughnessy R, **Takaro, TK**, Jacobs DE. [Housing Interventions and Control of Health-Related Chemical Agents: A Review of the Evidence](#) . Journal of Public Health Management & Practice 16:S24-S33. 2010.
47. Arrandale V, Brauer M, Brook JR, Brunekreef B, Gold D, London S, Miller D, Özkaynak H, Ries N, Sears MR, Silverman F, **Takaro TK**. Exposure assessment in cohort studies of childhood asthma. Env. Health Persp. 119:591-597. 2011.
48. **Takaro TK**, Krieger JW, Song, L, Sharify D and Beaudet N. The Breathe Easy Home: Impact of asthma-friendly home design and construction on asthma clinical outcomes and trigger exposure. Am J. Pub Health 101: 55-62. 2011.
49. *Courtice M, Demers P, **Takaro TK**, Vedal S, Ahmed A, Davies H. Asbestos-related disease in Bangladeshi shipbreakers: A pilot study. Int. J. Occ. Env. Health 17:144-153. 2011.
50. Allen RW, Gombojav E, Barkhasragchaa B, *Byambaa T, Lkhasuren O, Amram O, **Takaro TK**, Janes CR. An Assessment of Air Pollution and its Attributable Mortality in Ulaanbaatar, Mongolia. Air Qual. Atmos. Health. 6:137-150. 2012.
51. *Galway LP, Bell N, Al Shatan SAE, Hagopian A, Burnham G, Flaxman A, Weiss WM, Rajaratnam J, **Takaro TK**. A two-stage cluster sampling method using gridded population data, a GIS, and Google Earth™ imagery in a population-based mortality survey in Iraq. Int. J. Health Geog. 11: 12- epub. 2012.
52. Sanborn M and **Takaro TK**. Recreational water borne illness: Office management and prevention. Can. Family Physician. 59:491-495. 2013.
53. **Takaro TK**, Knowlton K, Balmes JR. Climate change and respiratory health: Current evidence and knowledge gaps. Expert Reviews in Respiratory Medicine 7: 349-61. 2013.
54. Sbihi H, Brook JR, Allen RW, *Curran JH, Dell S, Mandhane P, Subbarao P, Sears MR, Turvey SE, Wheeler AJ, Scott J, **Takaro TK**, Brauer M. Hopanes in settled indoor house dust as markers of traffic related air pollution. Environmental Health. 12:48. 2013.
55. Azad MB, Konya T, Maughan H, Guttman DS, Field CJ, Chari RS, Sears MR, Becker AB, Scott JA, Kozyrskyj AL; CHILD Study Investigators. [Gut microbiota of healthy Canadian infants: profiles by mode of delivery and infant diet at 4 months.](#) CMAJ. 185: 385-94. 2013.
56. Hagopian A, Flaxman A, **Takaro TK**, Al Shatari SAH, Rajaratnam J, Levin- Rector A, Becker S, Galway LP, Al-Yasseri BJH, Weiss WM, Murray CJ, Burnham G. Mortality in Iraq associated with the 2003-2011 invasion and occupation. PLOS Med. 10:e1001533, 2013.

57. *Galway LP, Allen DM, Parks MW, **Takaro TK**. Seasonal variation of acute gastro-intestinal illness by hydroclimatic regime and drinking water source: A retrospective population-based study. Water and Health 12:122-35. 2014.
58. Scott J, Konya T, Koster B, Maugham H, Escobar M, Azad M, Guttman D, Sear MR, Becker AB, Brook JR, **Takaro TK**, Kozyrskyj A. Associations between bacterial communities of house dust and infant gut. Environmental Research 131:25-30. 2014.
59. North ML, **Takaro TK**, Diamond M, Ellis A. Effects of phthalates on the development and expression of allergic disease and asthma. Annals of Allergy, Asthma & Immunology 112:496-502. 2014.
60. Carlsten C, Brauer M, Brinkman FSL, Brook J, Daley D, McNagny KM, Royce D, **Takaro TK**, Denburg J. Harnessing Environmental and Genetic Data for Modifiable Personal and Population Health. EMBO Reports 15:736-9. 2014.
61. *Galway LP, Corbett K, **Takaro TK**, Tairyan K, Frank E. Integration of online and flipped classroom instructional models in public health higher education. BMC Medical Education 14:181. 2014.
62. Galanis E, Mak S, Otterstatter M, Taylor M, Zubel M, **Takaro TK**, Kuo M, Michel P. The association between campylobacteriosis, agriculture and drinking water: A case-case study in a region of British Columbia, Canada, 2005-2009. Epidemiology and Infection Jun 3:1-10. 2014 (Epub)
63. *Byambaa T, Janes C, **Takaro T** and Corbett K. Putting Health Impact Assessment into practice through the lenses of diffusion of innovations theory: a review. Environment Development and Sustainability. 17: 23-40. 2014.
64. Balmes JR, Abraham JL, Dweik RA, Fireman E, Fontenot AP, Maier LA, Muller-Quernheim J, Ostiguy G, Pepper LD, Saltini C, Schuler CR, **Takaro TK**, Wambach PF. An Official ATS Statement on the Diagnosis and Management of Beryllium Sensitivity and Chronic Beryllium Disease: An Executive Summary. Am. J. Resp. Crit. Care Med. 190: e34-59. 2014.
65. Sbihi H, Allen RW, Becker AB, Brook JR., Mandhane PJ, Scott JA., Sears MR, Subbarao P, **Takaro TK**, Turvey SE, Wheeler AJ, Zeng L, Brauer M. Perinatal exposure to traffic-related air pollution and development of atopy in a Canadian birth cohort study. Env. Hlth. Persp. 123: 902-908. 2015.
66. Moraes TJ, Lefebvre DL, Chooniedass R, Becker AB, Brook JR, Denburg J, et al. The Canadian Healthy Infant Longitudinal Development (CHILD) birth cohort study: Biological samples and biobanking. Paediatric and Perinatal Epidemiology 29: 84-92. 2014. Doi: 10.1111/ppe.12161.

68. *Galway LP, Allen D, Parkes M, Li L, **Takaro TK**. Hydroclimatic factors and acute gastro-intestinal illness in British Columbia, Canada: A time-series analysis. Water Resources Res. 51: 885-895. 2015.
69. **Takaro TK**, Scott JA, Allen RW, Anand SS, Becker AB, Befus AD, Brauer M, Duncan J, Lefebvre DL, Lou W, Mandhane PJ, *McLean K, Miller G, Sbihi H, *Shu H, Subbarao P, Turvey SE, Wheeler AJ, Zeng L, Sears MR, Brook JR. and the CHILD Study Investigators. The Canadian Healthy Infant Longitudinal Development (CHILD) birth cohort study: assessment of environmental exposures. J. Expo. Sci. Env. Epid. 25:580-92. 2015. e-pub <http://www.nature.com/doi/10.1038/jes.2015.7>
70. **Takaro TK** and Henderson S. Climate change primer for respirologists. Can. Resp. J. 22:52-54. 2015.
71. Subbarao P, Anand SS, Becker AB, Befus AD, Brauer M, Brook JR, Denburg JA, HayGlass KT, Kobor MS, Kollmann TR, Kozyrskyj AL, Lou W, Mandhane PJ, Miller G, Moraes TJ, Pare PD, Scott JA, **Takaro TK**, Turvey SE, Duncan J, Lefebvre DL, Sears MR. and the CHILD Study Investigators. The Canadian Healthy Infant Longitudinal Development (CHILD) Study: Examining developmental origins of allergy and asthma. Thorax 70: 998-1000. 2015
72. *Galway LP, Berry B, **Takaro TK**. Student perceptions and lessons learned from flipping a masters level public health course. Can. J. Learning Tech. 41: 1-16. 2015.
73. Arrieta MC and the CHILD Study Investigators. Early infancy microbial metabolic alterations affect risk of childhood asthma. Science Translational Med. 2015. 7: 307ra152.
74. Lafta R, Al-Shatari S, Cherewick M, *Galway L, Mock C, Hagopian A, Flaxman A, **Takaro TK**, Greer A, Kushner A and Burnham G. Injuries, death and disability associated with 11 years of conflict in Baghdad, Iraq: A randomized household cluster survey. PLOS One. 2015. doi 10.1371/journal.pone.0131834.
75. Arrandale VH, Bornstein S, King A, **Takaro TK**, Demers P. Designing Exposure Registries for Improved Tracking of Occupational Exposure and Disease. Can. J. Pub. Hlth. 2016. 107:e119-e125 . doi: 10.17269/CJPH.107.5039.
76. Burton H, Rabito F, Danielson L, **Takaro TK**. Health Effects of Flooding in Canada – a 2015 Review and Description of Gaps in Research. Can. Water Res. J. 2016 (e-pub <http://dx.doi.org/10.1080/07011784.2015.1128854>)
77. Stewart BT, Lafta R, Cherewick M, Al Shatari SAE, Flaxman AD, Hagopian A, *Galway LP, **Takaro TK**, Burnham G, Kushner AL, Mock C. Road traffic injuries in Baghdad from 2003 to 2014: results of a randomized household cluster survey. Injury Prevention. 2016 (e-pub PMID:26850472).
78. Pakpour S, Scott J, Turvey S, Brook J, **Takaro TK**, Sears M and Klironomos J. Presence of Archaea in the indoor environment and their relationships with

- housing characteristics. *Microbial Ecology*. 72:305-12 (e-pub PMID: 27098176). 2016.
79. Li SJ, Flaxman A, Lafta R, Galway L, **Takaro TK**, Burnham G, Hagopian A. A novel method for verifying war mortality while estimating Iraqi deaths for the Iran-Iraq war through Operation Desert Storm (1980-1993). *PLOS One*. 11(10):e0164709. doi: 10.1371/journal.pone.0164709. 2016.
80. Bayram H, Bauer A, Abdalati W, Carlsten C, Pinkerton K, Thurston G, Balmes J, **Takaro TK**. Environment, Global Climate Change, and Cardiopulmonary Health. *Am J Respir Crit Care Med*. 195:718-724. 2017.
81. Tun HM, Konya T, **Takaro TK**, Brook JR, Chari R, Field CJ, Guttman DS, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Sears MR, Scott JA, Kozyrskyj AL, Exposure to household furry pets influences the gut microbiota of infant at 3-4 months following various birth scenarios. *Microbiome*. 5:40. DOI doi.org/10.1186/s40168-017-0254-x. 2017
82. Chhetri BK, **Takaro TK**, Balshaw R, Otterstatter M, Mak S, em M, Zobel M, Lysyshyn M, Clarkson L, Edwards J Henderson S and Galanis E. Associations between extreme precipitation and acute gastro-intestinal illness due to cryptosporidiosis and giardiasis in a Canadian surface drinking water system (1997-2009). *Water and Health*. 15:898-907. DOI: 10.2166/wh.2017.100. 2017.
83. Ojeda EA, Belmonte SI, **Takaro TK**, Campos JO, de Guervara ML. Decrease of the water recharge and identification of water recharge zones in the Alto Atoyac, sub-basin. *Water and Climate Change* 9:37-57. 2017. DOI: **10.2166/wcc.2017.033**
84. Barn PK, Gombojav E, Ochir C, Laagan B, Beejin B, Boldbaatar B, Galsuren J, Baasansuren B, Khurelbaata AO, Byambaa T, Janes C, Lanphear BP, Roh YM, **Takaro TK**, Venners SA, Webster GM, Yuchi W, Palmer CD, Parsons PJ, Allen RW. The effect of portable HEPA filter air cleaners on indoor PM2.5 concentrations and second hand tobacco smoke exposure among pregnant women in Ulaanbaatar, Mongolia: the UGAAR randomized controlled trial. *Sci. Tot. Env.* 615: 1379-89. 2018. <https://doi.org/10.1016/j.scitotenv.2017.09.291>
85. [Tun HM](#), et al. and the CHILD Study Investigators. Intergenerational transmission of overweight and obesity from mother to offspring: roles of birth mode and infant gut microbiota. *JAMAPeds* 172:368-377. 2018.
86. Shu H, Jonsson GAG, Gennings C, Svensson A, Nanberg E, Lindh CH, Knutz M, **Takaro TK**, Bornehag CG. Temporal trends of phthalate exposures during 2007–2010 in Swedish pregnant women. *J. Expo. Sci. Env. Epid.* 2018. <https://www.nature.com/articles/s41370-018-0020-6>

87. Tun MH, Tun HM, Konya T, Guttman DS, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Sears MR, Brook JR, Lou W **Takaro TK**, Scott JA, Kozyrskyj A. and the CHILD Study Investigators. Postnatal exposure to household disinfectants, infant gut microbiota and subsequent risk of overweight. Can. Med. Assoc. J. 190: E1097-E1107. 2018. doi: 10.1503/cmaj.170809
88. * Sierra-Heredia C, North M, Brook J, Daly C, Ellis AE, Henderson D, Henderson SB, Lavigne E, **Takaro TK**. Aeroallergens in Canada: distribution, public health impacts and opportunities for prevention. Int. J. Env. Res. and Pub. Health. 15:1577-2000. 2018. <https://doi.org/10.3390/ijerph15081577>.
89. Barn PK, Gombojav E, Ochir C, Boldbaatar B, Beejin B, Naidan G, Galsuren J, Legtseg B, Byambaa T, Hutsheon JA, Janes C, Janssen PA, Lanphear BP, McCandless LC, **Takaro TK**, Venners SA, Webster GM, Allen RW. The effect of portable HEPA filter air cleaners use during pregnancy on fetal growth: The UGAAR randomized controlled trial. Env.Int. 2018. <https://doi.org/10.1016/j.envint.2018.08.036>.
90. Yuchi W, Gombojav E, Ochir C, Laagan B, Beejin B, Naidan G, Boldbaatar B, Galsuren J, Byambaa T, Barn P, Henderson SB, Janes CR, Lanphear BP, McCandless LC, **Takaro TK**, Venners SA, Webster GM, Allen RW. Evaluation of random forest regression and multiple linear regression for predicting indoor fine particulate matter concentrations in a highly polluted city. Environmental Pollution. (In-press 2018).
91. Cusack L, Sbihi H, Larkin A, Chow A, Brook J, Scott J, Lefebvre D, Subbarao P, Becker A, Mandhane P, Jeffrey Brook; Moraes T, Azad M, Kozyrskyj A, **Takaro TK**, Sears MR, Turvey S, Hystad P. Residential Green Space and Pathways to Term Birth Weight in the Canadian Healthy Infant Longitudinal Development (CHILD) Study. International Journal of Health Geographics. (In- press 2018).

Amicus Briefs

Amici curiae brief of sixty-seven (67) Concerned physicians, scientists and Scholars regarding causation [in asbestos litigation]. Georgia Supreme Court. Case NO: S15C1278. Dec. 2015.

Amici curiae brief of the American Thoracic Society in State of West Virginia, et al. vs. U.S. Environmental Protection Agency [RE: Clean Power Plan and climate change]. U.S. Court of Appeals, District of Columbia. Case NO. 15-1363. Feb. 2016.

Proceedings, Chapters, Letters, Book Reviews, Editorials

1. Bartell SM, Ponce RA **Takaro TK**, Omenn GS Zerbe RO and Faustman EM. Value-of-information analyses for biomarkers: Susceptibility to chronic beryllium disease at US

- DOE sites. Proceedings of the Topical Meeting on Risk-based Performance and Decision Making, American Nuclear Society. April 5-8, 1998, Pasco, WA, pp. 205-213.
2. **Takaro TK**, Pappas G, Newman L, Ertell K, Durand K and Barnhart S. Prevalence of Beryllium Sensitization at Hanford, Proceedings of the First Annual Hanford Health of the Site Conference, 245-252, 1998.
 3. Ponce RA, Kirchner SC, Kavanagh TJ, Woods J, **Takaro TK** and Faustman EM. Development of gene expression analysis as biomarkers of exposure and effect. Proceedings of the First Annual Hanford Health of the Site Conference, pp. 274-282, 1998.
 4. Bartell SM, Ponce RA, Lee RC, **Takaro TK**, Omenn GS and Faustman EM. Evaluating risk assessment biomarkers using the value-of-information framework, pp. 1165-71 in Proceedings of the International Conference on Decommissioning and Decontamination and on Nuclear and Hazardous Waste Management, Denver, Colorado, September 13-18, 1998 (American Nuclear Society, La Grange Park, Illinois, 1998).
 5. **Takaro TK**, Pappas G, Newman L, Ertell K, Stover B and Barnhart S. Updated Prevalence of Beryllium Sensitization at Hanford, Proceedings of the Second Annual Hanford Health of the Site Conference, 275-283, 1999.
 6. **Takaro TK**, review of "Toxicity Assessment Alternatives: Methods, Issues Opportunities", Doody's Health Sciences Book Review Journal Vol. 7 Jan. 2000.
 7. **Takaro TK**, Ertell KB, Ponce RA, Jabbour AJ, Kavanagh TJ, Newman LS, Faustman EM and Barnhart SB. Beryllium sensitization in Hanford workers: Use of the sentinel case approach. Proceedings of the Third Annual Hanford Health of the Site Conference, 101-105, 2000.
 8. Ponce RA, Bartell SM, Faustman EM and **Takaro TK**. Genetic testing and the workplace: A case analysis of chronic beryllium disease. In *Improving Regulation*, Fischbeck P. and Farrow S. Eds. Resources for the Future Press, 2001.
 9. **Takaro TK**, Dasher D, Ringen K, Fuortes L, Ortlieb D, Markowitz S, Brodtkin C, Schwartz B, Breysee P, Pepper L, Harrison R, Bingham E, Ruttenber J, Newman L, Hoel D, Adcock D. Former USDOE Worker Medical Monitoring Program, Proceedings of NIOSH Best Practices in Workplace Surveillance: Identification and tracking of workplace injury, illness, exposures and hazards, Cincinnati, OH. 2001.
 10. **Takaro TK**. Review of "My House is Killing Me: The Home Guide for Families with Allergies and Asthma", Respiratory Care 47: 1341-1342. 2002.
 11. **Takaro TK**, Krieger JW, Song L, Beaudet N and Roberts J. Efficacy of environmental interventions to reduce asthma triggers in homes of low-income children in Seattle. Proceedings of Indoor Air 2002. June 2002.

12. **Takaro TK.** Review of, "Occupational, Industrial and Environmental Toxicology, 2nd Ed.", Doody's Health Sciences Book Review Journal. Electronic Profiles, 2003.
13. Jacobson MF, Sharpe VA, Angell M, Ashford NA, Blum A, Chary LK, Cho M, Coull BC, Davis D, Doolittle RF, Egilman D, Epstein SS, Greenberg M, Hooper K, Huff J, Joshi TK, Krimsky S, LaDou J, Levenstein C, Miles S, Needleman H, Pellegrino ED, Ravanese B, Sass J, Schechter A, Schneiderman JS, Schubert D, Soffritti M, Suzuki D, **Takaro TK**, Temple NJ, Terracini B, Thompson A, Wallinga D, Wing S. Letter on Editorial policies on financial disclosure. Nat Neurosci. 6:1001, 2003.
13. Abbotts J. and **Takaro TK.** Medical Removal Protection Benefits: The Special Challenges of Beryllium. Federal Facilities Env. J. 15: 49-58, 2004.
14. **Takaro TK.** Manufacturing Sector. In *Clinical Occupational and Environmental Med.* Rosenstock, L, Cullen, M, Redlich C. and Brodtkin C. Eds. Harcourt Health Sciences. 2004.
15. Krieger JW, Allan C, Roberts J, Ross LC and **Takaro TK**, What's with the Wheezing? Methods Used By The Seattle-King County Healthy Homes Project To Assess Exposure To Indoor Asthma Triggers. In *Multiple Methods for Conducting Community-Based Participatory Research for Health*. Israel BA, Eng E, Schulz AJ and Parker EA Eds. John Wiley & Sons. 2005.
16. Breilh J, Branco Jefer C, Castleman BI... **Takaro TK**, et al. Texaco and its consultants. Int J Occup Environ Health 11:217-20. 2005.
17. Takaro TK, Review of "The Mold Survival Guide for Your Home and for Your Health", Respiratory Care. 50: 667-668. 2005
18. Krieger JW, **Takaro TK**, Allen C, Song L, Weaver M, Chai S and Dickey P, The Seattle-King County Healthy Homes Project: Implementation of a Comprehensive Approach to Improving Environmental Quality for Low-Income Children with Asthma. In *Community Research in Environmental Health-Studies in Science, Advocacy and Ethics*. Brugge D and Hynes HP Eds. Ashgate. 2005.
19. **Takaro TK** and Pepper L, Letter-to-the-Editor, Beryllium Surveillance. Am. J. Resp. Crit Care Med. 172:1230. 2005.
20. Abbotts J. And **Takaro TK.** The Hanford 100 Area: The Influence of Expressed Stakeholder Values on Remediation Decisions. Federal Facilities Env. J. 16: 71-88. 2006.
21. Clements C and **Takaro TK.** 2007. Wars in Latin America: Causes and Consequences. *Chapter in War and Public Health Second Edition.* Levy B and Sidel V.(eds). Oxford University Press. New York

22. Krieger JW, Rabkin J and **Takaro TK**. 2007. Breathe Easy In Seattle: Addressing Asthma Disparities Through Healthier Housing. Chapter 16 in **Eminating Healthcare Disparities in America: Beyond the IOM Report**. Williams RA (ed.)
23. **Takaro TK** and Fuortes L. 2007 Human health effects of weapons production. Chapter in *War and Public Health Second Edition*. Levy B and Sidel V.(eds).
24. Krieger JW, Rabkin J and **Takaro TK**. Breathe Easy In Seattle: Addressing Asthma Disparities Through Healthier Housing. Proceedings of the First Canadian Building and Health Sciences Workshop. Nov. 2008. Montreal, Canada.
25. Ostry A, Ogborn M, **Takaro TK**, Allen DM and Bassil KL. Climate Change Health in BC. Whitepaper for BC Government, Pacific Inst. for Climate Solutions. Nov. 2008.
26. **Takaro TK**, Ruff K, Davis D, Van Renberg, RS, Algranti E and 103 other signators. Scientists Appeal to Quebec Premier Charest to Stop Exporting Asbestos to the Developing World. J. Int. Env.Occ. H. Letter to the Editor. 16: 239-246. 2010.
27. **Takaro TK**, Krieger JW, Song, L, Sharify D and Beaudet N. Clinical response in asthma by improved housing design and construction. Proceedings of Indoor Air 2011. Austin, TX. May 2011.
28. Pinkerton K, Rom WN, Akpınar-Elci M, Balmes, JR Bayram H, Brandli O, Hollingsworth JW, Kinney PL, Margolis HG, Martin WJ, Sassar EN, Smith KR, **Takaro TK**. An official American Thoracic Soc. workshop report: Climate Change and Human Health. Proc. Am. Thor. Soc. 9:3-8. Mar. 2012.
29. Konya T, Ewaze J, Urch B, Shu H, Curran J, Speck M, Allen R, Brook J, Diamond M, Evans G, **Takaro TK**, Wheeler A, Scott J. Development and validation of the TefTex electrostatic wipe for indoor dust sampling. Proceedings Healthy Buildings 2012.
30. Calvert J, Berry N, Corbett K, Erikson S, Hogg R, Kaida A, Lee K, O'Neil J, Palmer K, Steinberg M, **Takaro TK**. Letter to the Editor, Canadian Foreign Policy Journal, 18:2, 242-243. 2012.
31. Galway LP, Parkes MW, Corbett KK, Allen DM, **Takaro TK**. Climate change frames in public health and water resource management: Towards intersectoral climate change adaptation. Chapter in, Climate Change Adaptation, Resilience and Hazards, Springer, 2016.
32. **Takaro TK**. War's many costs. Globe and Mail. Letter-to-the-editor. Apr 4, 2015.
33. Ross K, Rice M, **Takaro TK**. The Clean Power Plan: A Public Health Victory Needing Medical Attention. Am. J. Resp. Crit. Care Med. (editorial) online-advance print: 10.1164/rccm.201512-2395ED, 2016.

34. **Takaro TK** and Miller J. Climate change is a global health emergency, Federal pipeline needs independent assessment. CBC News.(Op-ed) 22Oct18.
<https://www.cbc.ca/news/canada/manitoba/opinion-climate-change-health-emergency-1.4871327>.
35. **Takaro TK** and Miller J. Climate change is a global health emergency, Federal pipeline needs independent assessment. Le Droit (French). 31Oct18.
36. Kogevinas M and **Takaro TK**. Sponsorship by Big Oil should be banned by the research community, like the tobacco industry! Epidemiology (editorial In Press 2019).

Other Scholarly Works:

Dellinger J, Dorevitch S, Faustman E, Foldy S, **Takaro TK**. Human health effects of cyanobacterial toxins in the Great Lakes region: A science and monitoring assessment. Report by the Health Professional Advisory Board to the International Joint Commission on border waters. Mar. 2017

Brubacher J, TakaroTK, Chhetri B, Coates F and Kwong J. Climate change, asthma and allergy risk in Toronto. Report prepared for Toronto Public Health RFP # 9121-15-7046. Feb. 2017.

Burbacher J, Takaro TK. Opportunities for waterborne disease prevention with extreme precipitation events: Mapping the drinking water systems of Vancouver Coast Health. Report and GIS tool supported by Pacific Institute for Climate Solutions. 2016.

Takaro TK, Brubacher A, Lubik A, Nicol AM, Wang L and Khakh A. Major human health impacts of the Kinder Morgan-Transmountain pipeline expansion. Report for Intervenors on proposed expansion of the pipeline. 2015.

Brodkin D, Dellinger J, Keifer M, Orris P, Shapiro H, Takaro TK. Recommended human health indicators for assessment of progress on the Great Lakes Water Quality Agreement. Report by the Health Professional Advisory Board to the International Joint Commission on border waters. July 2014.

Dickson S, Webber S, Takaro TK. Preparing BC for climate migration. Report from Can. Ctr for Policy Alt. Climate Justice Project. <https://www.policyalternatives.ca/climatemigration>. Nov. 2014

Takaro TK, Uchida Y, Van Dyke M, Maier L, Keohoorn M. Assessment of beryllium disease risk in pre-selected BC industries. WorkSafe BC final report. Dec. 2014.

Bornstein S, Dicks E, Butt A, Demer P, Fowler K, Fox G, Farrell G, Murphy TG, Oudyk J Small S and **Takaro TK**. Registry of the former workers of the Baie Verte asbestos mine. Apr. 2012.

Health Canada. Safe Environments Program. *Critical Review of Phthalates in Canadian Indoor Environments* prepared by **Tim K. Takaro** with Miriam Diamond, Frank Gobas, Victoria Otton and Huan Shu. Burnaby: Health Canada, 2010.

Viger YB (chair) **Takaro TK**, Sarwal S. Call for a Ban on the Mining, Transformation and Export of Chrysotile Asbestos. Working group report for position statement, Canadian Public Health Association. March 2010.

Takaro TK, McLeod C, Xu F, Koehoorn M, Demers P. Beryllium Disease in BC Workers: A pilot surveillance project using linked administrative data. WorkSafeBC Final report: Grant # RS207-DG05. Dec. 2009. (posted on WorkSafe website May 2010)

Moffatt H, **Takaro TK**, Allen D and Mak S. Water Quality & Human Health: Pilot Project: A comparison of enteric illness, precipitation & groundwater levels over a 10 year period. Report for Climate Change Impacts Research Consortium, Simon Fraser University, Sep. 2009.

Asthma Working Group for UW Center for Genomics and Public Health, Asthma Genomics: Implications for Public Health. Report commissioned by CDC, Mar. 2004.

Takaro TK. Technical Report for Combined Effects of Radiation and Asbestos in Producing Pulmonary Fibrosis. Final Report for National Institute for Occupational Health and Safety, Grant # K-01 OH00181-01. 2003.

Abbotts J, Ertell KB, Leschine TM and **Takaro TK**. Building Leasing at the Department of Energy's Hanford Site: Lessons learned from commercial reuse. Federal Facilities Env. J. 14: 95-108, 2003.

Takaro TK and Abbotts J. Comments regarding infrastructure to DOE/RL on Performance Management Plan for Accelerated Cleanup of Hanford, June 2002.

Abbotts J, **Takaro TK** and Ertell K. The Hanford Building Leasing Program: Identified Procedural Improvements, Research Report. January 2002.

Takaro TK, U.S. Recognizes human health effects from the cold war weapons production. Tri-City Herald Progress Edition. December 2001.

Takaro TK, Griffith W, and Abbotts J. Comments to NIOSH on guidelines for determining probability of causation for energy employees. December 2001.

Takaro TK and Abbotts J. Public comments to NIOSH on Agenda for HHS Public Health Activities at USDOE sites, Takaro and Abbotts. December 2001.

Takaro TK and Griffith W. Comments to NIOSH on radiation dose reconstruction for workers' compensation. November 2001.

Takaro TK, Bertell S and Abbotts J. Invited comments to ORISE on draft Beryllium Facilitator Manual. September 2001.

Takaro TK, Jabbour A, Ertell K and Abbotts J. Public comments to DOE/EM on Notice of Intent to prepare a PEIS on Disposition of Scrap Metals. September 2001.

Takaro TK, Abbotts J, Ertell K, Salazar M and Yusem L. Comments to U.S. Department of Labor on Interim Final Rule, Compensation for Energy Employees. August 22, 2001.

Takaro TK, Jabbour A, Ertell K and Abbotts J. Comments to DOE/EH on proposed changes to DOE Order re release of materials with residual contamination. December 2000

Takaro TK and Abbotts J. Comments on Procedures for Designating Classes of Employees as Members of the Special Exposure Cohort Under the Energy Employees Occupational Illness Compensation Program Act of 2000.

Takaro TK, Ponce RA, Jabbour A, Ertell K and Abbotts J. Comments to DOE on proposed rules for CBDPP, with regard to release of beryllium contaminated equipment. July 1999.

Ponce RA, Abbotts J, Barnhart S, Bartell S, Ertell K, Faustman EM, Griffith W, Salazar M and **Takaro TK**. Written comments on DOE proposed rules for Chronic Beryllium Disease Prevention Plan, Washington, D.C. February 1999.

Bartell S, Ertell K and **Takaro TK**. Comments to DOE on Draft Implementation Guide for the Interim Chronic Beryllium Disease Prevention Plan. October 1997.

Barnhart S, **Takaro TK**, Stover B, Durand K, Trejo B, Mack C and Ertell K. Needs assessment for medical surveillance of former Hanford workers, Phase I Report Version 1.0. Oct. 1997. USDOE Cooperative Agreement: DE-FC03-96SF21-258/A000.

Takaro TK, Barnhart S, Stover B, Trejo B and Ertell K. Revised needs assessment for medical surveillance of former Hanford workers, Phase I Report Version 1.1. Mar. 1998. USDOE Cooperative Agreement: DE-FC03-96SF21-258/A000.

Takaro TK, Ertell K, Salazar M, Beaudet N, Stover B, Hagopian A, Barnhart S. The Structure, Function and Finance of Occupational Health and Safety Services at Hanford. 1998. Report for National Institute for Occupational Health and Safety, Grant# CCRO1-2031.

Takaro TK. Glycophorin A on the erythrocyte membrane as a marker for pesticide exposure. Masters Thesis, Dept. Environmental Health (Toxicology) Mar. 1996

Takaro TK. The mid-maximal expiratory flow as a measure of cotton dust exposure. Master's thesis, University of North Carolina Schools of Medicine and Public Health, Depts. Pulmonary Medicine and Epidemiology, May, 1985. (Checkoway and Boehlecke)

Takaro TK. A look at the health care system of the German Democratic Republic through its treatment of chronic obstructive pulmonary disease, University of North Carolina School of Medicine/Rostock and Greifswald Medical Institutes Exchange Scholar paper, April, 1985.

HONOURS AND AWARDS:

- 1982 American Lung Association Student Fellowship Award
- 1984 University of North Carolina School of Medicine/Rostock and Greifswald Medical Institutes (German Democratic Republic) Exchange Scholar
- 1985 Nobel Peace Prize (shared as an active student member of the International Physicians for the Prevention of Nuclear War and its U.S. affiliate, Physicians for Social Responsibility)
- 1994 University of Washington Dept. Environmental Health Travel Award
- 1995 Agency for Toxic Substances and Disease Registry (ATSR) Clinical Fellowship Program Grant in Environmental Medicine, (deferred)
- 1999-2002 National Institute of Occupational Health and Safety (NIOSH) Special Research Career Award
- 2001 Best Paper Award, Society for Risk Analysis: Judd NL, Griffith WC, Takaro TK and Faustman, EM. A Model for Optimization of Biomarker Testing Frequency to Minimize Disease and Cost: Example of Beryllium Sensitization Testing
- 2002 University of Washington Department of Environmental Health Community Outreach Award
- 2003 U.S. Dept. Health and Human Services, Innovation in Prevention Award to the Seattle-King County Healthy Homes Project.
- 2005 U.S. Environmental Protection Agency, Children's Environmental Health Award to Seattle-King County Healthy Homes II Project.
- 2007 Urban Land Institute Global Award for Excellence for work at High Point in West Seattle with our Breath Easy Homes.
- 2014 President's Sustainability Award, Simon Fraser University.
- 2016 President's Award, Public Health Association of British Columbia.

PROFESSIONAL ORGANIZATIONS:

- Canadian Water Resource Association (2015-present)
- Occupational and Environmental Medicine Association of Canada (2010-present)
- Canadian Association for Research on Work and Health (2009-present)
- Canadian Coalition for Global Health Research (2009-present)
- Global Health Council (2008-present)
- International Society for Children's Health and the Environment – founding member (2007-present)
- BC Society of Allergy and Immunology (2007-present)
- AllerGen National Center of Excellence Co-Investigator (2006-present)
- Canadian/BC Public Health Association (2005-present)
- BC Occupational Environmental Health Research Network, Board of Directors (2006-2009)
- International Society of Environmental Epidemiology (2002 –present)
- American Thoracic Society (2000-present)
- Society of Occupational and Environmental Health (May 1995-2005)
- American College of Occupational and Environmental Medicine (from Dec. 1993-2016)
- Northwest Association of Occupational and Environmental Medicine (1993-2005)
- American Academy for the Advancement of Science (1995-present)
- American Public Health Association, Occupational Safety and Health Section (1983-present)
- International Physicians for the Prevention of Nuclear War/ Physicians for Social Responsibility (1981-present)

SPECIAL INTERNATIONAL, NATIONAL AND LOCAL RESPONSIBILITIES:

- Lead author, Climate Change Health Assessment 2021, Water Chapter, Government of Canada June 2018-Dec. 2021.
- External reviewer for Promotion and Tenure, University of Toronto, Apr.-June. 2018.
- Program Committee, Canadian Assoc. for Research on Work and Health, Mar.- Oct 2018.
- Organizing comm. for International Society of Environmental Epidemiology 2018 meeting in Ottawa (sept 2017-Set 2018)
- Steering Comm. Member, SFU/Fraser Health Research Pitching Day. June- Nov. 2017
- External Examiner for MSc. thesis, University of British Columbia May-July 2017
- External Examiner for PhD. thesis, University of Toronto. May-July 2017
- American Lung Association Scientific and Medical Editorial Review Panel, Oct. 2016 - present
- Opponent Examiner for PhD. thesis, Aarhus Univ. Denmark. May 2016-Mar. 2017.

- External reviewer for Promotion and Tenure, University of Ottawa, Jan-Mar. 2017
- Program Committee, Canadian Assoc. for Research on Work and Health, Mar.- Oct 2016.
- Co-Chair, Public Health Assoc. BC Summer School, Promoting health and sustainability: The case of climate change and energy use Mar.-July 2016.
- Co-Chair, Organizing comm. SFU Climate and Energy Research Days 2015 & 2017
- External reviewer for Promotion and Tenure, McGill University, July-Sept. 2015.
- International Society of Environmental Epidemiology, Climate Change Track Co-Chair, Local Organizing Comm. Annual Meeting, Seattle, July 2013-Sep 2014.
- U.S. Climate and Health Alliance, Co-chair of International working group.
- Chair, Climate Change and Health Policy Group. British Columbia, Canada. Nov. 2013-2016
- Reviewer for Natural Resource Council, Climate Change Impacts and Adaptation Division of Canada, National Climate Change Adaptation Report 2013, Chapter on human health. Dec. 2012.
- International Joint Commission on border waters, Health Professionals Advisory Committee 2012-present. Canadian Co-Chair as of Oct 2014
- Occupational and Environmental Medicine Association of Canada, organizing committee for annual conference. Vancouver Oct. 2012.
- Continuing Medical Education Conference, “The Fukushima nuclear disaster one year later: A day of inquiry on local and global health, environmental and economic consequences”. Chair of the organizing committee for this jointly sponsored international conference (Canada, Japan, USA). Vancouver Mar. 2012.
- Fraser River Keeper, River Watcher, New Westminster, BC. 2011- present.
- Pacific Institute for Climate Solutions, Program Committee 2011- 2017
- American Thoracic Society, Environmental Policy Committee, 2011-2018, and Environmental and Occupational Health Assembly Program Committee 2010- 2011.
- SFU first annual Health Research Day. Chair of organizing committee 2011.
- City of Vancouver Clean Water Advisory Panel, 2010.
- Organizing committee, Summit on healthcare sustainability, Fraser Health Authority, Sept. 2010-Dec. 2011.
- Search committee, Fraser Health Authority, Sept –Dec. 2010
- Board of Directors, Asbestos Research, Education and Advocacy Fund. May 2010-2016
- External reviewer, Health Canada Extreme Heat Guidelines – Technical Guide for Health Care Workers. 2010.
- Canadian Public Health Association Policy Review Group, Working Group on Asbestos. Dec. 2009- Mar. 2010
- CAREX Canada (<http://www.carexcanada.ca/>) Indoor Air Science Advisory Committee July 2009 – 2012.
- Climate Change and Health grant review panel. NIH/CDC, June 2009
- Developing Research Opportunities Around the 2010 Games: Focus on Public Health and Environmental Sustainability B.C. Environmental and Occupational Health Research Network. Chair of organizing comm. Moderator. May 2009

- Climate Change and Health in Rural and Remote British Columbia. BC Rural and Remote Health Res. Network. Organizing Comm. and Moderator. June 2009
- Training Grants review Panel, Canadian Institute for Health Res. Feb.- Mar. 2009
- External reviewer for RCT Committee, Canadian Institute for Health Res. Nov. –Dec. 2008.
- Reviewer of report, "Managing health effects of beryllium exposure", National Research Council, National Academies of Science, Washington, DC. April 2008 - September 2008.
- External reviewer for P & T, University of Ottawa, December 2007 - January 2008.
- U.S. Centers for Disease Control and National Center for Healthy Housing Expert Panel on Healthy Housing, Nov. 2007- Feb. 2010
- B.C. Environmental and Occupational Health Research Network Board Member Nov. 2006-2010
- American Thoracic Society Member: Chronic Beryllium Disease Consensus Statement. May 2005-2016
- National Institute of Occupational Health and Safety Physician panel for review of U.S. Department of Energy Workers' Compensation claims July 2001- 2005
- American College of Occupational and Environmental Medicine State-of-the-Art Conference Organizing Comm. 2001
- Northwest Association for Occupational and Environmental Medicine Board of Directors Oct. 1997-2006
- Hanford Health of the Site Annual Meeting, Chair of Organizing Committee, 1997-1999
- Physicians for Social Responsibility National Board Member-at-Large, 1994-97.
- Washington Physicians for Social Responsibility Board of Directors, 1993-2005
 - Chair of Hanford Task Force
- Hanford Advisory Board, Alternate to Regional Public Health Seat, Past Vice-chair Health, Safety and Environmental Protection Committee, Jan. 1994-Mar. 1996 and May 2002-2005.
- Alternate to Regional University Seat, Mar. 1996-1999,
- Regional University Seat, Mar. 1999- 2005
- Amchitka Workers Medical Screening Program, Medical Advisor Oct. 1999 – 2003
- Bremerton Navel Shipyard Restoration Advisory Board Regional Public Health Seat, Mar. 1995-1999
- Department of Energy Working Group on Medical Evaluations for Former Workers. Germantown, MD. May 1995.
- Agency for Toxic Substances and Disease Registry (ATSDR) Advisory Committee on Medical Monitoring at Hanford. Seattle, WA. Nov. 1995.
- Department of Energy, Environmental Protection Agency and Washington Department of Ecology. Hanford Tank Waste Task Force, Member, Public Health Seat, May-Sept 1993.
- Physicians for Social Responsibility, member since 1982.
- Journal reviewer for Am. J. Public Health, Env. Health Perspectives, Am J. Industrial Med, BMC Public Health, International J. Occ. Env. Med., Respiratory Care, J. Occ. Env. Hygiene and Neurotoxicology, Northwest Public Health, Global Environmental Change, Risk Analysis, Can J. Water Res. Am. J Resp Crit. Care Med, PLOS One.