

**The University of New Brunswick
CURRICULUM VITAE**

Karen A. Kidd

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Education

1996 Ph.D. Biological Science, Department of Biological Sciences, University of Alberta, Alberta (supervisor Dr. David Schindler)
1991 B.Sc. Honours Biological Science, Specialization: Environmental Toxicology, Department of Biological Sciences, University of Guelph, Ontario

Employment History

2008 to present Professor, Biology Department, University of New Brunswick, Saint John, New Brunswick
2004 to 2008 Associate Professor, Biology Department, University of New Brunswick, Saint John, New Brunswick
2004 - 2009 Tier II Canada Research Chair in Chemical Contamination of Food Webs
2009 – 2014 (and renewal)
2004 to present Science Director and Fellow of the Canadian Rivers Institute
1998 to 2004 Research Scientist, Environmental Sciences Division, Department of Fisheries and Oceans, Freshwater Institute, Winnipeg, Manitoba
1996 to 1998 Research Associate, University of Manitoba, Winnipeg, Manitoba, and Postdoctoral Fellow, Freshwater Institute, Winnipeg, Manitoba.

Honours and Awards

2009 Society of Environmental Toxicology and Chemistry's Presidential Citation for Exemplary Service
2007 Stevenson Lecturer, Canadian Conference of Freshwater Fisheries Research/Society of Canadian Limnologists Meeting
2002 Queen's Golden Jubilee Medal

2002 Doan Publication Award, Fisheries and Oceans Canada

Publications

Career Totals

Papers in refereed journals: 61

Chapters in refereed books: 10

Peer-reviewed journal articles (students from my lab are underlined):

Published

2013

Batchelar, K.L., K.A. Kidd, K.R. Munkittrick, P.E. Drevnick, and N.M. Burgess. 2013. Reproductive health of yellow perch (*Perca flavescens*) from a biological mercury hotspot in Nova Scotia, Canada. *Sci. Total Env.* STOTEN-D-13-00509 In press.

Bergman, A., J.J. Heindel, K.A. Kidd, S. Jobling, R.T. Zoeller, G. Becher, P. Bjerregaard, R. Bornman, I. Brandt, J.V. Brian, A. Kortenkamp, D. Muir, R. Ochieng, N.E. Skakkebaek, T. Iguchi, J. Toppari, and T.J. Woodruff. 2013. The importance of endocrine disruption: A consensus statement on the state of the science. *Env. Health Persp.* In press.

Jardine, T., K. Kidd, N. O'Driscoll. 2013. Food web analysis reveals effects of pH on mercury bioaccumulation at multiple trophic levels in streams. *Aquat. Toxicol.* 132– 133:46– 52.

Batchelar, K.L., K.A. Kidd, P.E. Drevnick, K.R. Munkittrick, N.M. Burgess, A.P. Roberts, and J.D. Smith. 2013. Evidence of impaired health in yellow perch (*Perca flavescens*) from a biological mercury hotspot in northeastern North America. *Environ. Toxicol. Chem.* 32(3):627–637.

Ryan, M.J., G.A. Stern, K.A. Kidd, M.V. Croft, S. Gewurtz, M. Diamond, and P. Roach. 2013. Biotic interactions in temporal trends (1992-2010) of organochlorine contaminants in the aquatic food web of Lake Laberge, Yukon Territory. *Sci. Total Environ.* 443:80–92

2012

Jardine, T.D., W.L. Hadwen, S.K. Hamilton, S. Hladyz, S.M. Mitrovic, K.A. Kidd, W.Y. Tsoi, M. Spears, D.P. Westhorpe, V.M. Fry, F. Sheldon, and S.E. Bunn. 2012. Understanding and overcoming baseline isotopic variability in running waters. *River Research and Applications*, DOI: 10.1002/rra.2630

Cabrera Páez, Y., C. Aguilar Betancourt, G. González-Sansón, K. Kidd, K. Munkittrick, and R. A. Curry. 2012. Elevated mercury, body size and changes in trophic structure of *Gambusia puncticulata* (Poeciliidae) along the Almendares River, Havana, Cuba. *Arch. Environ. Contam. Toxicol.* 63(4):523-533, DOI 10.1007/s00244-012-9801-4.

Kidd, K.A., D.C.G. Muir, M.S. Evans, X. Wang, M. Whittle, H.K. Swanson, T. Johnston and S. Guildford.

2012. Biomagnification of mercury through lake trout food webs with different physical, chemical and biological characteristics. *Sci. Total Environ.* 438:135–143.

Clements, W.H., C.W. Hickey and K.A. Kidd. 2012. How do aquatic communities respond to contaminants? It depends on the context. *Environ. Toxicol. Chem.* 31(9):1-9. Invited Focus Article.

Jardine, T.D., K.A. Kidd, and J.B. Rasmussen. 2012. Terrestrial organic matter in the diet of stream consumers: Implications for mercury bioaccumulation. *Ecol. Appl.* 22(3): 843-855.

Borgå, K., K.A. Kidd, D.C.G. Muir, O. Berglund, J.M. Conder, F.A.P.C. Gobas, J. Kucklick, O. Malm, and D.E. Powell. 2012. Trophic magnification factors: Considerations of ecology, ecosystems and study design. *Int. Environ. Assess. Manag.* 8(1):64-84.

Burkhard, L.P., C. Cowan-Ellsberry, M.R. Embry, R.A. Hoke, and K. Kidd. 2012. Bioaccumulation data from laboratory and field studies: Are they comparable? *Int. Environ. Assess. Manag.* 8(1):13-16.

2011

Diamond, J.M., H.A. Latimer, K.R. Munkittrick, K.W. Thornton, S.M. Bartell, and K.A. Kidd. 2011. Prioritizing organic chemicals of emerging concern for ecological screening assessments. *Environ. Toxicol. Chem.* (30)11:2385-2394,

Arciszewski, T.J., K.A. Kidd and K.R. Munkittrick. 2011. Comparing responses in the performance of sentinel populations of stoneflies (Plecoptera) and slimy sculpin (*Cottus cognatus*) exposed to enriching effluents. *Ecotoxicol. Environ. Saf.* 74:1844–1854.

Swanson, H.K., K.A. Kidd, and J.D. Reist. 2011. Quantifying importance of marine prey for two partially anadromous fishes. *Can. J. Fish. Aquat. Sci.* 68: 2020–2028.

Swanson, H.K., N. Gantner, K.A. Kidd, D.C.G. Muir, and J.D. Reist. 2011. Comparison of mercury concentrations in landlocked, resident, and searun fishes (*Salvelinus* spp.) from Nunavut, Canada *Environ. Toxicol. Chem.* 30(6): 1459–1467.

Jardine, T.D. and K.A. Kidd. 2011. Low concentrations of selenium in stream food webs of eastern Canada. *Sci. Total Environ.* 409: 785-791.

2010

Wyn, B., K.A. Kidd, N.M. Burgess, R.A. Curry, and K.R. Munkittrick. 2010. Increasing mercury in yellow perch at a hotspot in Atlantic Canada, Kejimikujik National Park. *Environ. Sci. Technol.* 44:9176– 9181.

Swanson, H.K. and K.A. Kidd. 2010. Mercury concentrations in Arctic food fishes reflect presence of anadromous Arctic charr (*Salvelinus alpinus*), species, and life history. *Environ. Sci. Technol.* 44:3286– 3292.

Swanson, H.K., K.A. Kidd, J.A. Babaluk, R.J. Wastle, P.P. Yang, N.N. Halden, and J.D. Reist. 2010.

Anadromy in Arctic populations of lake trout (*Salvelinus namaycush*): otolith microchemistry, stable isotopes, and comparisons with Arctic char (*Salvelinus alpinus*). *Can. J. Fish. Aquat. Sci.* 67: 842–853.

Swanson, H.K., K.A. Kidd, and J.D. Reist. 2010. Effects of anadromous Arctic charr (*Salvelinus alpinus*) on ecology of coastal Arctic lakes. *Ecosystems* 13(2):261-274.

2009

Jardine, T.D., K.A. Kidd, and R.A. Cunjak. 2009. An evaluation of deuterium as a food source tracer in temperate streams. *J. N. Am. Benth. Soc.* 28(4): 885–893.

Wyn, B., K.A. Kidd, N. Burgess, R.A. Curry. 2009. Mercury bioaccumulation through the acidic food webs of Kejimikujik National Park and National Historic Site, Nova Scotia. *Can. J. Fish. Aquat. Sci.* 66:1532-1545.

Jardine, T.D., K.A. Kidd, R.A. Cunjak, P.A. Arp. 2009. Factors affecting water strider (Hemiptera: Gerridae) mercury concentrations in lotic systems. *Environ. Toxicol. Chem.* 28(7):1480–1492.

Kullman, M.A., K.A. Kidd, C.L. Podemski, P.J. Blanchfield and M.A. Paterson. 2009. Assimilation of freshwater salmonid aquaculture waste by native aquatic biota. *Can. J. Fish. Aquat. Sci.* 66:1965-1975.

Palace, V.P., R.E. Evans, K.G. Wautier, K.H. Mills, P.J. Blanchfield, B.J. Park, C.L. Baron, and K.A. Kidd. 2009. Interspecies differences in biochemical, histopathological and population responses in four wild fish species exposed to ethynylestradiol added to a whole lake. *Can. J. Fish. Aquat. Sci.* 66: 1920 - 1935.

Swanson, H.K. and K.A. Kidd. 2009. Ecological role of anadromous Arctic charr (*Salvelinus alpinus*) in coastal arctic lakes. In Haro, A. J., K. L. Smith, R. A. Rulifson, C. M. Moffitt, R. J. Klauda, M. J. Dadswell, R. A. Cunjak, J. E. Cooper, K. L. Beal, and T. S. Avery, editors. *Challenges for Diadromous Fishes in a Dynamic Global Environment*. American Fisheries Society Symposium. Bethesda, Maryland. 69:465–483.

Loomer, H.A., K.A. Kidd, T. Vickers, and A. McAslan. 2009. Swimming in sewage: indicators of faecal waste on fish in Saint John, New Brunswick. *Wat. Qual. Res. J. Can.* 43 (4): 283 – 290.

2008

Guildford, S.J., D.C.G. Muir, M. Houde, M.S. Evans, K.A. Kidd, D.M. Whittle, K. Drouillard, X. Wang, R. Anderson, C.R. Bronte, D.S. DeVault, D. Haffner, J. Payne, and H.J. Kling. 2008. PCB concentrations in lake trout (*Salvelinus namaycush*) are correlated to habitat use and lake characteristics. *Environ. Sci. Technol.* 42(22):8239-8244.

Jardine, T.J., K.A. Kidd, J.T. Polhemus and R.A. Cunjak. 2008. An elemental and stable isotope assessment of water strider feeding ecology and lipid dynamics: synthesis of lab and field studies. *Fresh. Biol.* 53:2192–2205.

Houde, M., D.C.G. Muir, K.A. Kidd, S. Guildford, K. Drouillard, X. Wang, M.S. Evans, D.M. Whittle, D. Haffner and H. Kling. 2008. Influence of lake characteristics on the biomagnification of persistent organic pollutants in lake trout food webs. *Environ. Toxicol. Chem.* 27:2169-2178.

Knapp, C.W., D.L. Findlay, K.A. Kidd and D.W. Graham. 2008. A comparative assessment of molecular biological and direct microscopic techniques for assessing aquatic systems. *Environmental Monitoring and Assessment* 145: 465-473.

2007

Kidd, K.A., P.J. Blanchfield, K.H. Mills, V.P. Palace, R.E. Evans, J.M. Lazorchak and R. Flick. 2007. Collapse of a fish population following exposure to a synthetic estrogen. *Proc. Nat. Acad. Sci.* 104(21):8897-8901.

Kullman, M.A., C.L. Podemski and K.A. Kidd. 2007. A sediment bioassay to assess the effects of aquaculture waste on growth, reproduction, and survival of *Sphaerium simile* (Say) (Bivalvia: Sphaeriidae). *Aquaculture* 266 (1-4):144-152.

2006

Jardine, T.D., K.A. Kidd and A.T. Fisk. 2006. Applications and assumptions of stable isotope analysis in ecotoxicology. *Environ. Sci. Technol.* 40(24):7501-7511.

Werner, J., K. Wautier, K. Mills, S. Chalanchuk, K. Kidd and V. Palace. 2006. Reproductive fitness of lake trout (*Salvelinus namaycush*) exposed to environmentally relevant concentrations of the potent estrogen ethynylestradiol (EE2) in a whole lake exposure experiment. In Eds. M.P. Olivar and J. J. Govoni "Recent Advances in the Study of Fish Eggs and Larvae." *Scientia Marina* 70S2:59-66.

Palace, V.P., K.G. Wautier, R.E. Evans, P. Blanchfield, K. Mills, S. Chalanchuk, D. Godard, M. McMaster, G. Tetrault, L.E. Peters, L. Vandenbyllardt and K.A. Kidd. 2006. Biochemical and histopathological effects of ethynylestradiol in pearl dace (*Semotilus margarita*) exposed to the synthetic estrogen in a whole lake experiment. *Environ. Toxicol. Chem.* 25(4): 1114-1125.

2005

Lockhart, W.L., G.A. Stern, G. Low, M. Hendzel, G. Boila, P. Roach, M.S. Evans, B.N. Billeck, J. DeLaronde, S. Friesen, K. Kidd and 10 others. 2005. A history of total mercury in edible muscle of fish from lakes in northern Canada. *Sci. Total Environ.* 351-352:427-463.

Park, B.J. and K.A. Kidd. 2005. Effects of the synthetic estrogen ethynylestradiol on early life states of mink frogs and green frogs in the wild and *in situ*. *Environ. Toxicol. Chem.* 24(8): 2027-2036.

Evans, M.S., W.L. Lockhart, L. Doetzel, G. Low, D. Muir, K.A. Kidd, G. Stephens, and J. Delaronde. 2005. Elevated mercury levels in fish in lakes in the Mackenzie River Basin: the role of fish age and lake size. *Sci. Total Environ.* 351-352:479-500.

Ryan, M.J., G.A. Stern, M. Diamond, M.V. Croft, P. Roach, and K.A. Kidd. 2005. Temporal trends of organochlorine contaminants in burbot and lake trout from selected Yukon lakes. *Sci. Total Environ.* 351-352:501-522.

2004-1993

Kidd, K.A., G. A. Stern, and J. Lemoalle. 2004. Mercury and other contaminants in fish from Lake Chad (Africa). *Bull. Environ. Contam. Toxicol.* 73(2):249-256.

Kidd, K.A., H.A. Bootsma, R.H. Hesslein, L. Lockhart and R.E. Hecky. 2003. Mercury concentrations in the food web of Lake Malawi, East Africa. *J. Great Lakes Res.* 29(2): 258-266.

Werner, J., K. Wautier, R.E. Evans, C. L. Baron, K. Kidd and V. Palace. 2003. Waterborne ethynylestradiol induces vitellogenin and alters metallothionein in lake trout (*Salvelinus namaycush*). *Aquat. Toxicol.* 62:321-328.

Blais, J.M., F. Wilhelm, K.A. Kidd, D.C.G. Muir, D.B. Donald, and D.W. Schindler. 2003. Concentrations of organochlorine pesticides and PCBs in amphipods (*Gammarus lacustris*) along an elevation gradient in mountain lakes of western Canada. *Environ. Toxicol. Chem.* 22(11): 2605-2613.

Stewart, A.R., G.A. Stern, W.L. Lockhart, K.A. Kidd, A. Salki, M.P. Stainton, K. Koczanski, G.B. Rosenberg, D.A. Savoie, B. Billeck, P. Wilkinson, and D.C.G. Muir. 2003. Assessing variability in organochlorine concentrations in Lake Winnipeg fish following the 1997 Red River Flood. *J. Great Lakes Res.* 29(2):332-354.

Palace, V, R.E. Evans, K. Wautier, Baron, C., L. Vandenbyllardt, W. Vandersteen and K. Kidd. 2002. Induction of vitellogenin and histological effects in wild fathead minnows from a lake experimentally treated with the synthetic estrogen, ethynylestradiol. *Wat. Qual. Res. J. Can.* 37(3):637-650.

Vinebrooke, R.D., M.A. Turner, K.A. Kidd, B.J. Hahn and D.W. Schindler. 2001. Truncated food-web effects of omnivorous minnows in a recovering acidified lake. *J. N. Am. Benthol. Soc.* 20(4):629-642.

Palace, V.P., T.A. Dick, R.E. Evans, K. Wautier, C.L. Baron, J. Werner, J.F. Klaverkamp, and K.A. Kidd. 2001. Altered metabolism of lipid soluble antioxidant vitamins in juvenile sturgeon exposed to waterborne ethynylestradiol. *Environ. Toxicol. Chem.* 20(10):2370-2376.

Kidd, K.A., H.A. Bootsma, R.H. Hesslein, D.C.G. Muir and R.E. Hecky. 2001. Biomagnification of organochlorines through the food web of Lake Malawi, East Africa: Importance of trophic level and carbon source. *Environ. Sci. Technol.* 35:14-20.

Palace V.P., K. Wautier, R.E. Evans, C.L. Baron, J. Werner, C.R. Ranson, J.F. Klaverkamp, and K. Kidd. 2000. Effects of 17 β -estradiol exposure on metallothionein and fat soluble antioxidant vitamins in juvenile lake trout (*Salvelinus namaycush*). *Bull. Environ. Contam. Toxicol.* 66:591-596.

Karlsson, H., D.C.G. Muir, C.F. Teixeira, D.A. Burniston, W.M.J. Strachan, R.E. Hecky, J. Mwita, H.A. Bootsma, N.P. Grift, K.A. Kidd, and B. Rosenberg. 2000. Persistent chlorinated pesticides in air, water and precipitation from the Lake Malawi Area, southern Africa. *Environ. Sci. Technol.* 34:4490-4495

Campbell, L.M., D.W. Schindler, D. C. G. Muir, D. B. Donald, and K.A. Kidd. 2000. Organochlorine transfer in a sub-alpine food web (Bow Lake, Banff National Park). *Can. J. Fish. Aquat. Sci.* 57:1258-1269.

Braune, B., D. Muir, B. DeMarch, M. Gamberg, K. Poole, R. Currie, M. Dodd, W. Duschenko, J. Eamer, B. Elkin, M. Evans, S. Grundy, C. Hebert, R. Johnstone, K. Kidd, B. Koenig, L. Lockhart, H. Marshall, K. Reimer, J. Sanderson and L. Shutt. 1999. Spatial and temporal trends of contaminants in Canadian Arctic freshwater and terrestrial ecosystems: a review. *Sci. Total Environ.* 230:145-207

Kidd, K.A., M.A. Paterson, R.H. Hesslein, D.C.G. Muir and R.E. Hecky. 1999. Effects of northern pike (*Esox lucius*) additions on pollutant accumulation and food web structure, as determined by $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$, in a eutrophic and an oligotrophic lake. *Can. J. Fish. Aquat. Sci.* 56:2193-2202.

Kidd, K.A., R.H. Hesslein, B.J. Ross, K. Koczanski, G.R. Stephens and D.C.G. Muir. 1998. Bioaccumulation of organochlorines through a remote freshwater food web in the Canadian Arctic. *Environ. Poll.* 102:91-103.

Kidd, K.A., D.W. Schindler, R.H. Hesslein and D.C.G. Muir. 1998. Effects of trophic position and lipid on organochlorine concentrations in fishes from subarctic lakes in Yukon Territory. *Can. J. Fish. Aquat. Sci.* 55:869-881.

Kidd, K.A., D.W. Schindler, D.C.G. Muir, W.L. Lockhart, and R.H. Hesslein. 1995. High concentrations of toxaphene in fishes from a subarctic lake. *Science* 269:240-242.

Kidd, K.A., R.H. Hesslein, R.J.P. Fudge, and K.A. Hallard. 1995. The influence of trophic level as measured by $\delta^{15}\text{N}$ on mercury concentrations in freshwater organisms. *Water, Air, Soil Poll.* 80:1011-1015.

Schindler, D.W., K.A. Kidd, D.C.G. Muir and W.L. Lockhart. 1995. The effects of ecosystem characteristics on contaminant distribution in northern freshwater lakes. *Sci. Total Environ.* 160/161:1-18.

Kidd, K.A., D.W. Schindler, R.H. Hesslein and D.C.G. Muir. 1995. Correlation between stable isotopes of nitrogen and organochlorine concentrations in biota from a freshwater food web. *Sci. Total Environ.* 160/161:381-390.

Kidd, K.A., J.E. Eamer, and D.C.G. Muir. 1993. Spatial variability of chlorinated bornanes (toxaphene) in fishes from Yukon lakes. *Chemosphere* 27(10):1975-1986.

Peer-reviewed Book Chapters:

Kidd, K.A., M. Clayden, and T. Jardine. 2012. "Bioaccumulation and biomagnification of mercury in food webs." Chapter 14, p. 455-500. In: Liu G., Y. Cai, and N. O'Driscoll (Eds.), *Environmental Chemistry and Toxicology of Mercury*, John Wiley & Sons, Inc, New Jersey.

Kidd, K.A. and K. Batchelar. 2011. "Mercury", Chapter 14, p. 238-295, In: Wood, C.M., A.P. Farrell, and C.J. Brauner (Eds.) *Homeostasis and Toxicology of Non-Essential Metals (Fish Physiology Volume 31b)*, Elsevier Press.

Metcalfe, C., K.A. Kidd and J. Sumpter. 2010. Chemically-induced alterations to gonadal development in fish. Chapter 2, p. 144-165. In: J.F. Leatherland and P. Woo (Eds.) *Fish Diseases and Disorders: Non-*

infectious Disorders, 2nd Edition, CABI Publ., U.K.

Munkittrick, K.R., R.A. Curry, J.M. Culp, R.A. Cunjak, D.L MacLatchy, K.A. Kidd, S.E. Dalton, D.J. Baird and R. Newbury. 2007. The Saint John River. p. 129-145 In: C. King, J. Ramkissoon, & M. Clüsener-Godt (Eds.) *Water and Ecosystems: Managing Water in Diverse Ecosystems to Ensure Human Well-being*. UNU-INWEH, Hamilton, ON. ISBN 92-808-6002-X

Luoma, S., A.R. Stewart, and K.A. Kidd. 2005. Processes affecting trophic transfer and resultant effects of metals. p. 247-262. In: J. Meyer (Ed.) *Toxicity of Dietborne Metals*. SETAC Press, Pensacola, USA.

Adams, W.J., A.R. Stewart, K.A. Kidd, K.V. Brix, and D.K. DeForest. 2005. Case histories of dietborne exposure to mercury and selenium in aquatic ecosystems. p 263-274 In: J. Meyer (Ed.) "Toxicity of Dietborne Metals" SETAC Press, Pensacola, USA. 303 pp.

Schlekat, C.E., K.A. Kidd, W.J. Adams, D.J. Baird, A.M. Farag, L. Maltby, and A.R. Stewart. 2005. Toxic effects of dietborne metals: field studies. Chapter 4 p 113-152 In: J. Meyer (Ed.) "Toxicity of Dietborne Metals" SETAC Press, Pensacola, USA. 303 pp.

Bodaly, R.A. and K.A. Kidd. Mercury contamination of lake trout ecosystems. 2003. Chapter 9 In J.M. Gunn, R.J. Steedman and R.A. Ryder (Eds.) "Boreal Shield Watersheds: Lake Trout Ecosystems in a Changing Environment." Lewis Publishers, New York.

Baird D.J., T.C.M. Brock, P.C. de Ruiter, A.B.A. Boxall, J.M. Culp, P. Eldridge, U. Hommen, R.G. Jak, K.A. Kidd & T. Dewitt. 2001. The food web approach in the environmental management of toxic substances. pp 83-122 In: Baird DJ & Burton GA (Eds.) "Ecological Variability: Separating Anthropogenic from Natural Causes of Ecosystem Impairment." SETAC Press, Pensacola, USA.

Kidd, K.A. 1998. Use of stable isotope ratios in freshwater and marine biomagnification studies. Chapter 17 pp 359-378 In: J. Rose (Ed.) "Environmental Toxicology: Current Developments." Gordon and Breach Science Publishers, Britain.

Peer-reviewed Reports:

Culp, J.M., W. Goedkoop, J. Lento, K.S. Christoffersen, S. Frenzel, G. Guðbergsson, P. Liljaniemi, S. Sandøy, M. Svoboda, J. Brittain, J. Hammar, D. Jacobsen, B. Jones, C. Juillet, M. Kahlert, K. Kidd, E. Luiker, J. Olafsson, M. Power, M. Rautio, A. Ritcey, R. Striegl, M. Svenning, J. Sweetman, and M. Whitman. 2012. Arctic Freshwater Biodiversity Monitoring Plan, Circumpolar Biodiversity Monitoring Program.

Bergman, A., J.J. Heindel, S. Jobling, K.A. Kidd, and R.T. Zoeller (Eds.) 2012. "State of the Science of Endocrine Disrupting Chemicals – 2012", Geneva, Switzerland, World Health Organization / United Nations Environment Programme.

Bergman, A., J.J. Heindel, S. Jobling, K.A. Kidd, and R.T. Zoeller. 2012. Why are we concerned about endocrine disruptors? Summary for Decision Makers of the "State of the Science of Endocrine Disrupting Chemicals – 2012", United Nations Environment Programme and World Health Organization. 28 pp.

Jobling, S., P. Bjerregaard, B. Blumberg, I. Brandt, J. V. Brian, S. Casey, H. Frouin, L. Giudice, J. J. Heindel, T. Iguchi, K. A. Kidd, A. Kortenkamp, M. Lind, E. Ropstad, P. Ross, N. E. Skakkebaek, J. Toppari, T. J. Woodruff, R. T. Zoeller. 2012. Chapter 2 Evidence for endocrine disruption in humans and wildlife. *In*: Eds. Bergman, A., J.J. Heindel, S. Jobling, K.A. Kidd, and R.T. Zoeller. "State-of-the-Science of Endocrine Disrupting Chemicals – 2012", United Nations Environment Programme and World Health Organization.

Kidd, K.A., G. Becher, Å. Bergman, D.C.G. Muir and T. J. Woodruff. 2012. Chapter 3, Human and wildlife exposures to EDCs. *In*: Eds. Bergman, A., J.J. Heindel, S. Jobling, K.A. Kidd, and R.T. Zoeller. "State-of-the-Science of Endocrine Disrupting Chemicals – 2012", United Nations Environment Programme and World Health Organization.

Munkittrick, K. G. Constantin, M. Servos, N. Aladin, S. Choowaew, N. Hap, K. Kidd, E. Odada, O. Parra, G. Phillips, S. Ryanzhin, R. Urrutia. 2012. Lakes: A global Synopsis of Lakes science and transboundary management. Synopsis Report of the Lakes Working Group, GEF IW Science. United Nations University Institute for Water, Environment and Health (UNU-INWEH), Hamilton, Canada. 36 p. ISBN 92-808-6021-6.

Keynote and Plenary Addresses

- Association for the Science of Limnology and Oceanography meeting, New Orleans, 18 Feb 2013.
- International Conference on Chemicals Management 3, Nairobi, Kenya, 16 Sept 2012.
- EUROTOX, Stockholm, Sweden, 16 Jun 12
- SETAC North Atlantic Chapter meeting, Freeport, ME, 8-10 Jun 11.
- U.S. National Academy of Sciences, 17th Annual German-American Kavli Frontiers of Science Symposium, Irvine, CA, 9-11 April 11.
- Pharmaceuticals in the Environment: Lessons Learned Workshop, University of Guelph, Guelph, ON, 27 Feb 10
- EmCon 2009, Fort Collins, CO, 4 Aug 09
- Canadian Water Network's Workshop on Emerging Contaminants, Toronto, ON, 3 Jun 2009.
- Society of Environmental Toxicology and Chemistry 29th Annual Meeting, Tampa, FL, Nov 2008
- 8th International Congress on the Biology of Fish, Portland, OR, 28 Jul – 1 Aug, 2008.
- Canadian Conference for Fisheries Research/Society of Canadian Limnologists meeting, Annual Stevenson Lecture, Montreal, QC, 5 Jan 2007.

Professional Committees and Boards

National:

- Chair of Science Directors Board and Executive Committee member, Canadian Rivers Institute, 2012 – present.
- Appointed to NSERC's Evolution and Ecology Grant Selection Committee, 3 year appointment, 1 Jul 2008 – 30 Jun 2011 (Co-chair 2010-11).
- Co-chair of the Aquatic Toxicity Workshop, October 2007, Halifax, Nova Scotia, Apr 06 – Jan 08.
- Board member, Aquatic Toxicity Workshop, 2005 – 2008.

- Editorial Assistant, Canadian Journal of Fisheries and Aquatic Sciences (3 terms), 2005 -07, 07-10, 10-present.
- Treasurer of the Canadian Rivers Institute, 2004 - 2010.
- Executive Committee and Member of the Canadian Rivers Institute Management Board, 2004 – 2010.

International:

- Steering Group Member of Society of Environmental Toxicology and Chemistry's.
- Member of an International Joint Commission expert panel to develop a monitoring program to assess ecosystem health in the Laurentian Great Lakes, 2011.
- Member of the United Nations Environment Programme/World Health Organization committee reviewing the state of the science on environmental endocrine disruptors, 2010-2012.
- Member of the Lakes Working Group for the Global Environment Facility project 'Enhancing the use of Science of International Waters projects to improve project results', United Nations Environment Programme, 2010–2011.
- Member of Local Organizing Committee for the 10th International Conference on Mercury as a Global Pollutant conference, Halifax, NS (24-29 Jul 2011), Dec 2009 – Jun 2011.
- Science Communication Fellow, Environmental Health News, 2009.
- Guest Editor, Proceedings of the National Academy of Sciences, Nov 2009, Jul 2010, Oct 2010, June 2011, July 2011.
- U.S. EPA Science Advisory Board Ecological Processes and Effects Committee to review white paper on methodology for deriving aquatic life water quality criteria for emerging contaminants. 2008, Washington, D.C.
- Society of Environmental Toxicology and Chemistry
 - Elected to the's North American Board of Directors, 3 year term, Nov 2006 – Nov 2009
 - Member of the Nominations Committee, 2007, 2008, 2009, 2010
 - Liason for the Short Course Committee, 2007, 2008
 - Member of the Executive Committee, 2008, 2009
 - Endowment Fund Board of Trustees, 2010 – present
 - Global Advisory Group on Endocrine Disrupter Testing & Risk Assessment, 2012 – present
- Guest co-editor of special issue of Environmental Pollution entitled "Mercury Cycling and Bioaccumulation in the Environment", 2006 – 2008.
- Member of the Society of Environmental Toxicology and Chemistry World Council Science Committee, 2003 – 2006.
- Member of Organizing Committee (main responsibility was fundraising) for the Society of Toxicology and Chemistry meeting held in Montreal, QC, Mar 06 – Nov 06.
- Editorial Board for Environmental Toxicology and Chemistry Journal, 1999-2002.