



September 1st, 2021

The Right Honourable Justin Trudeau
Prime Minister of Canada
80 Wellington Street
Ottawa, ON K1A 0A2

Dear Prime Minister:

SUBJECT: Top Canadian scientists concur that the fetal and infant brain can be damaged by fluoridated tap water

We are 153 residents (and counting) from many walks of life across our broad nation. We have long believed that the use of the public water supply to deliver fluoride indiscriminately to every man, woman and child in our communities, without control of dose, without consideration of the age or nutritional and health status of the recipients, and without allowing for the individual's informed consent on the matter, is unacceptable from an ethical point of view.

We are writing to you today, because there has been a turn of events which has added great urgency to our concerns. Recent government-funded peer-reviewed science indicates that fluoride has the potential to damage the brains of our children. We are concerned that this alarming new evidence has not triggered any warnings from any health department in the country—especially warnings to pregnant women.

We are aware that you do not have jurisdiction over water fluoridation. However, we believe that the issue has become so urgent for the well-being of all Canadian citizens, that your intervention is needed.

The following key scientific research forms the basis for our concerns:

- Well-designed prospective cohort studies funded by the National Institute of Environmental Health Sciences [NIEHS] in the United States have shown a loss of IQ and increased symptoms of ADHD in offspring when pregnant women are exposed to fluoride **at doses commonly experienced in fluoridated communities in Canada**: [[Bashash et al., 2017](#) and [2018](#)] and [[Green et al., 2019](#)] (also funded by Health Canada). The consequences are shocking! According to Dr. Philippe Grandjean, from Harvard University, "*Fluoride is causing a greater overall loss of IQ points today than lead, arsenic or mercury*", as [detailed in this risk analysis](#).
- In addition, [Till et al., 2020](#) have shown a pronounced reduction in IQ when children were bottle-fed as babies in communities which were fluoridated, compared with babies who were bottle-fed in non-fluoridated communities.

- According to Linda Birnbaum, Ph.D., former Director of the NIEHS (2009-2019) and two leading public health researchers (Bruce Lanphear, MD, MPH, and Christine Till, PhD) who authored two key fluoride-IQ studies [Green et al., 2019] and [Till et al., 2020], ingestion of fluoride during pregnancy confers no dental benefit to the fetus, so this is a situation where risks are being taken for no proven benefit (see their editorial published in [Environmental Health News, Oct 7 2020](#)).
- In addition, an important well-conducted study from Sweden has shown an increased prevalence of hip fracture in post-menopausal women associated with long term exposure to natural fluoride **at levels that are in the same range as Canadian water fluoridation rates** [[Helte et al., 2021](#)]. This is very serious because, as you probably know, hip fractures in the elderly are debilitating, costly to treat, lead to a loss of independence and often shorten the life of those impacted. This finding also underlines the fact that fluoride can impact our health over a lifetime of exposure.
- More evidence of harm, along with supporting documentation for all the studies cited in this letter, [can be accessed here](#).

*Note: There are strong **Canadian connections** with all the neurotoxicity studies we have cited: Christine Till teaches at York University; Bruce Lanphear (co-author of the Green and Till studies) teaches at Simon Fraser University in Vancouver; and Morteza Bashash did his research at the University of Toronto.*

We would also like to make you aware that the U.S.-based group Food and Water Watch, is among several groups and individuals that have instigated a lawsuit against the U.S. Environmental Protection Agency (EPA) seeking a ban on the deliberate addition of fluoride to the public drinking water on the grounds that it poses an unreasonable risk to the developing brains of America's children. The case was heard in June 2020 and the judge has delayed his ruling, until the review of fluoride's neurotoxicity by the U.S. National Toxicology Program (NTP) and Grandjean's Benchmark Dose (BMD) analysis have been published. Grandjean, along with Bruce Lanphear and Howard Hu, acted as expert witnesses in this case.

With all these latest alarming scientific studies, **we urge you to exercise bold leadership and work with all the Canadian Premiers to encourage their Ministers of Health to take the following steps:**

- 1) Warn pregnant women to avoid ingesting fluoride and warn parents not to use fluoridated water to make up infant formula.
- 2) Pause any further promotion of water fluoridation.
- 3) Unless they can provide convincing counter-evidence of comparable quality to the findings discussed above, institute a total ban on this practice. (We would note that fluoridation has been virtually ended in both Quebec and British Columbia, with no validated scientific reports of any deterioration in tooth care in either province.)
- 4) Focus resources on ways of fighting tooth decay without forcing the population to ingest fluoride via the water supply, without their informed consent. Most countries (including 97% of Europe) have successfully fought tooth decay without fluoridating the water supply.

We recognize that there is a clear need to focus on dental care for children from low-income families, but we must do so without undermining their mental development. Some living in inner cities are already burdened with excessive lead exposure.

Federal, provincial and local governments need to provide better access to preventive dental care and early education for better diet and dental hygiene for all our children. The latter approach has proven very successful and cost-effective in low-income families in non-fluoridated Scotland (see the [ChildSmile program](#)).

In summary, Mr. Prime Minister, we sincerely hope that with your bold intervention on behalf of all our citizens, Canada's Federal and Provincial Health Ministers will acknowledge the strong scientific evidence of fluoride's neurotoxicity (and other ill health effects) and put the health of our people above defending what appears to be a well-intended but clearly outdated practice of water fluoridation. This would not be the first time that an entrenched medical or dental practice has had to give way to advances in scientific understanding of unexpected side effects.

Sincerely,

Concerned Canadian Citizens

NAME	FROM	OCCUPATION	CHILDREN GRAND CHILDREN
Abdel-Baset, Tarek	Windsor, ON N9G 1J3	Chemical Engineer	1 0
Alvarez, Evelyn	Mississauga, ON L5K 2C7	Customer Service Agent	0 0
Antonio, Richard	Mississauga, ON L5J 1V9	Retired	1 1
Baker, Trish	Windsor, ON N8S 2J1	Real Estate Salesperson	5 2
Bertrand, Louis	Scugog, ON L0B 1B0	Engineering	1 1
Borie, Mike	Pickering, ON L1X 1P2	Retired	1 3
Bracken, Barbara	Port Perry, ON L9L 1K4	Homemaker, Community Volunteer	2 2
Bracken, Barry	Port Perry, ON L9L 1K4	Retired College Teacher	2 2
Bracken, Kathi	Oshawa, ON L1G 2H6	Teacher	0 0
Bracken, Wendy	Newcastle, ON L1B 1G3	Teacher	2 0
Brophy, Dr. James	Emeryville, ON N0R 1C0	Occupational and Environmental Researcher	4 10+
Buck, Karen	Barrie, ON L4M 6R8	Retired	1 1
Burr, Cheryl	Windsor, ON N8X 4P6	Para-legal	2 0
Burshaw, Virginia	CarryingPlace, ON K0K 1L0	Retired	3 3
Butler, Frank	Windsor, ON N9B 2X3	Health & Safety Training Representative	0 0
Clayton, Lorene	Amherstburg, ON N9V 3N9	Event Planner	3 4
Comparey, Laura	Mississauga, ON L4W 2N9	Retired	1 2
Cooper, Anne	Victoria, BC V8T 2J2	Retired	0 0
Costa, Donna	London, ON N5V 4S3	Author	0 0
Cox, Jennifer	Windsor, ON N9A 6B5	Nurse	2 0
Cox, Stella	Windsor, BC N9A 6B5	Student	0 0
Cox, Zane	Windsor, ON N9A 6B5	Student	0 0
Cummings, Tracy	Oakville, ON L6L 0E1	Marketing	1 0
Daglian, Alice	Windsor, ON N9E 2R1	Landlord	2 3
D'Angelo, Frank	Amherstburg, ON N9V 4C3	Graphic Designer/Writer	0 0
Darlington, Steve	Perth, ON K7H 3C3	RMT	5 1
De Boer, Simon	Teeswater, ON N0G 2S0	Agricultural Engineer	6 7
De Francesco, Donna	Barrie, ON L4N 7T1	Homemaker	3 0
DeYong, Dean	Kingsville, ON N0P 2G0	Auto Technician	2 0
DeYong, Kimberly	Kingsville, ON N0P 2G0	Program Director	2 0

NAME	FROM	OCCUPATION	CHILDREN GRAND CHILDREN
DeYong, Lauren	Kingsville, ON N0P 2G0	Student	0 0
DeYong, Morgan	Kingsville, ON N0P 2G0	Server	0 0
DiBartolomeo, Mario	Amherstburg, ON N9V 4C3	Manager	1 2
Dickson, Dr. Robert C.	Calgary, AB T3A 2M7	Medical Doctor	1 0
Drouillard, Ayesha	Windsor, ON N9B 2X3	Forest School Educator	2 0
Eichholzer, George	Toronto, ON M4N 1W9	Executive	2 0
Emerson, Randy	Windsor, ON N8P 1R9	Retiree	2 1
Ficker, Michael	Newmarket, ON L3X 2L6	Retired Police Officer	2 0
Fitzios, Chris	Windsor, ON N9A 4J5	Retired	2 2
Fogadaoan, Liv	Mississauga, ON L5B 2H6	Artist	1 0
Forrest, Allen	Surrey, BC V3V 1L1	Artist	0 0
Fraser, Daniel	New Waterford, NS B1H 1N8	Retired	3 3
Freund, Margret	Ottawa, ON K2B 8E1	Retired	2 6
Gamble, Heather	Coquitlam, BC V3E 1Z7	—	0 0
Gasser, Linda	Whitby, ON L1N 2X7	Retired Organic Farmer	0 0
Gerard, Janelle	Regina, SK S4V 3W8	Research Associate	1 0
Gilan, Roxanne	Vancouver, BC V5W 4B9	Teacher	0 0
Girich, Olena	Mississauga, ON L5N 5H4	Sales Representative	0 0
Giroul, Philippe	Trois-Rivières, QC G8Z 0A8	Retired Teacher	2 5
Green, David	Peterborough, ON K9J 7Y1	Business Owner	3 0
Gupta, Chris	London, ON N6H 2Y1	Engineer	0 0
Gwozdz, Grace	Brampton, ON L6T 1L2	Retired	1 2
Gwozdz, Thomas	Milton, ON L9T 8N1	Information Technology	2 0
Haldane, Jonathan	Etobicoke, ON M8V 1G6	Travel Technology	1 0
Halina, Glen	Brampton, ON L6S 3E4	Retired	2 3
Halina, Stephanie	Brampton, ON L6S 3E4	Retired Teacher	2 3
Hamel, Joan	Trois-Rivières, QC G8Y 5T6	Volunteer	2 0
Hartan, Oliver	Owen Sound, ON N4K 4M8	Massage Therapist	1 0
Hassas, Artin	Burlington, ON L7M 5B9	Professional Engineer	0 0
Hayes, Douglas	Tecumseh, ON N8N 2G6	Retired	0 4
Hein, Larry	Calgary, AB T2K 2Y4	Retired	5 9
Hill, Rach	Shannonville, ON K0K 3A0	Teacher	2 0
Hosein, Hannah	Montreal, QC H3A 1S1	Master's Student (Biochemistry)	0 0
Hosein, Noah	Toronto, ON M5R 2M5	Engineering Student	0 0
Hosein, Ron	Newcastle, ON L1B 1G3	Technical Consultant	2 0
Hudon, Richard	Apple Hill, ON K0C 1B0	Retired	2 5
Hunt, Gerald	Mississauga, ON L5M 1N8	Teacher	1 0
Hutchings, Holly	Ottawa, ON K2H 1E4	Health Canada	2 0
Jacklin, Gerald	Vancouver, BC V5P 4N5	Shoreworker	0 0
Jacklin, Lynn	Whitby, ON L1N 6P	Retired Secondary Teacher	2 4
Jaworski, Barbara	Windsor, ON N8P 0B9	Assistant Director	1 0
John, David	Brampton, ON L6X 4R1	Engineer	2 5
Johnson, Paul	Ottawa, ON K2B 8E1	Retired	0 0
Kane, Marlene	Sydney, NS B1S 2S2	Retired	2 0
Keith, Dr. Margaret	Emeryville, ON N0R 1C0	Occupational and Environmental Researcher	4 10+

NAME	FROM	OCCUPATION	CHILDREN GRAND CHILDREN
Kerr, John	Burlington, ON L7M 0S4	Educator	3 0
Kezel, Gail	New Waterford, NS B1H 3C3	Retired	5 10+
Kotack, Garry	Oshawa, ON L1G 7Y5	Dentist	1 2
Lamb, David	London, ON N5X 1M3	Financial Advisor	3 0
Lander, Farren	Abbotsford, BC V2S 1H5	Consultant	3 2
Larose, Pierre	Montreal, QC H4R 3K2	Dentist	3 8
Lazette, Sharon	Almonte, ON K0A 1A0	Owner	0 0
Lim, Yeow Kwang	Vancouver, BC V5X 2J9	Unemployed	0 0
Limeback, Dr. Hardy	McKellar, ON P2A 0B4	Professor Emeritus, Faculty of Dentistry, Univ. of Toronto	2 3
Lowery, Nancy	Oshawa, ON L1K 0G8	Nurse	0 0
MacGregor, James	Toronto, ON M9N 1W1	Letter Carrier	1 0
Magas, Brenda	Rimbey, AB T0C 2J0	Homemaker	4 5
Maggio, Rosemary	Richmond Hill, ON L4C 5N2	Retired	2 1
Mantas, Jacinthe	J5Y 3Y9, QC J5Y 3Y9	Fed Employee	2 0
Marett, Jennifer	Guelph, ON N1C 1A9	Retired Dietitian	2 0
Marett, Joshua	Guelph, ON N1C 1A9	Student	0 0
Markke, Gary	Brampton, ON L6X 1X9	Retired Lithographer	4 3
Massey, Christine	Peterborough, ON K9J 4J1	Researcher	1 0
Mayne, Donna	Windsor, ON N9G 1L3	Sculptor	3 2
Mayne, Eric	Windsor, ON N9G 1L3	Media Relations Manager	3 2
McArthur, Jane	Tecumseh, ON N8N 2J8	Toxics Campaign Director, CAPE	2 0
McCarthy, Melissa	Woodbridge, ON L4L 6L3	Teacher	0 0
McMurtry, Andrea	Carleton Place, ON K7C 0C4	Homemaker	2 0
Mersereau, Jack	Hamilton, ON L9C 3H7	Caregiver	0 0
Miller, Kallie	London, ON N6H 0J9	Retired RN	4 5
Moody, Christine	Windsor, ON N8R 2J9	Insurance Broker	0 0
Moody, Shelley	Gatineau, QC J9H 6C1	Retired	1 0
Muir, Allyson	London, ON N6K 4H8	QE Engineer	2 0
Olson, Ruth	Hamilton, ON L8V 4A5	Operations Analyst	0 0
Oppio, Kathryn	LaSalle, ON N9H 0H9	Self-Employed Manufacturer	2 4
Ouellette, Debbie	Sydney, NS B1S 2G7	Retired	3 6
Parent, Danielle	Ottawa, ON K1M 1X6	Retired	2 0
Parent, Gilles	Danville, QC J0A 1A0	Naturopath	2 3
Paul, Sheila	Cobble Hill, BC V0R 1L6	Self-Employed	3 1
Pery, Tina	Ottawa, ON K2J 6V5	International Host Mom	1 0
Pétrin, Rébecca	Montréal, QC H3N 1X1	Executive Director	2 0
Pfaff, Gerry	Blenheim, ON N0P 1A0	Retired Firefighter/Captain Windsor Fire Rescue Services	2 0
Pinarreta, Robert	Mississauga, ON L5L 5T9	I.T. Coordinator	2 0
Pistor, Anita	Harrow, ON NOR 1G0	Artist	3 5
Pronovost, Marylène	Saint-Félix-de-Kingsey, QC J0B 2T0	Vegetable farmer	3 0
Porter, Doug	Burnaby, BC V5H 1H7	Semi-Retired Hospitality	0 0
Q, Flora	Toronto, ON M8E 3N4	Accounting Clerk	0 0
Racansky, Libby	Courtice, ON L1E 2M1	Retired Teacher	1 0
Reeson, Ursula	Whitby, ON L1N 2X7	Retired	2 4
Renaud, Nicole	Trois-Rivières, QC G8Y 7J1	Naturopath	3 2

NAME	FROM	OCCUPATION	CHILDREN GRAND CHILDREN
Riddell, Sylvia	Victoria, BC V9E 1C8	Retired Library Technician	3 7
Roeske, Pascal	Sutton, QC J0E 2K0	Naturopath & Osteopath	2 0
Ruest , Gaetan	Amqui, QC G5J 1R5	Former Mayor, Retired	4 8
Santos, Luzviminda	Brampton, ON L6V 1N3	Homemaker	2 0
Santos, Samuel	Brampton, ON L6V 1N3	Employee	2 0
Schincariol, Louise	Windsor, ON N9G 1B5	Retired	5 10+
Scott, Patsy	Peterborough, ON K9L 1T6	Lifestyle Consultant	2 4
Scrivens, Steve	Brampton, ON L6S 1X8	Custodian	3 4
Skirko, Lydia	Whitby, ON L1R 2C3	Retired	0 0
Snedden, Deb	Bridesville, BC V0H 1Y0	Labourer	0 0
So, Ne	Windsor, ON N8W 5R6	Art	8 8
Sprovieri, John	Brampton, ON L6P 0K1	Retired Peel Regional Councillor	2 4
Sprules, Diane	Oakville, ON L6J 1X2	Retired	3 6
St. Denis, Richard	Windsor, ON N8W 4B8	Retired	1 0
Staples, Caylie	Peterborough, ON K9J 4W2	Musician	0 0
Stevens, Ramona	Langley, BC V2Z 2X2	Caretaker and Farmer	0 0
Suryo-Atmojo, Liana	Toronto, ON M6P 0A2	Teacher	1 0
Sussmann, Margaret	Aurora, ON L4G 5B8	Teacher	2 0
Sweeney, Theresa	Almonte, ON K0A 1A0	Health & Wellness	2 0
Tang, Kevin	Brampton, ON L6T 3X9	Unemployed	0 0
Tavares, Elizabeth	Ottawa, ON K2G 5Y1	Retired	2 2
Teeb, Ron	Brampton, ON L6X 2G4	Trucker	1 0
Teskey, Barbara	Courtice, ON L1E 2C6	Retired	0 0
Theriault, Paul	Calgary, AB T2E 0S6	—	0 0
Thomson, Constance	Windsor, ON N8N 2P4	Driver	0 0
Twidale, Brenda	Meadow Lake, SK S9X 1Z3	Program Facilitator	3 7
Von Hausen, Laura	Surrey, BC V4A 7M1	Dental Hygiene	1 1
Von Ziegenweidt, Philippa	Windsor, ON N8S1B9	Accountant	2 0
Wandeler, Albin	Vancouver, BC V5K 2Z2	Electrician	0 0
Weston, JoAnne	Windsor, ON N8S 3V2	Graphic Designer	2 0
Willson, Jean	Kanata, ON K2K 1T4	M.B. ChB ,Dip Herb Phyt. Retired	2 0
Winter, Dr. James	Lasalle, ON N9J 1V6	Professor, retired	4 2
Zychowicz, John	Hamilton, ON L8H 5T1	Retired	1 2

Copies to Canadian Premiers:

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Yukon	Sandy Silver	premier@gov.yk.ca