



March 26, 2025

Subject: 132nd Maine Legislature, First Regular Session (2025) – LD 878
Resolve, to Study the Effects of 5G and Other Non-ionizing Radio Frequency Radiation-emitting Technology on Bird, Bee, Insect and Other Wildlife Populations and the Effects of Long-term Exposure on Children.

To: Energy, Utilities and Technology Committee

Thank you for this opportunity to support this vital Bill which aims to ensure safe technology protections for children in schools.

I am the Director of a National non-profit organization Canadian Educators for Safe Technology. We support a growing number of students and teachers who are injured by Wi-Fi, microwave frequency RF radiation.

Ten years ago, I received a physician diagnosis, of electromagnetic radiation syndrome by the Director of the Environmental Health Clinic at Women's College Hospital in Toronto. EMRS/EMS is an environmentally induced intolerance to microwave frequency emissions.

Physician diagnosed students and staff like me, experience "microwave sickness". Common symptoms include debilitating migraines, loss of executive functioning, disabling vertigo or disorientation, and cardiac symptoms including pressure in the chest and an irregular heartbeat. Those who are severely impacted may not recover for days or weeks or may experience permanent injury. Some of these symptoms are linked to strokes, brain tumours, or multiple sclerosis. Scientific studies based on biological medicine identify EMFs as a causal co-





factor for serious autoimmune diseases like ALS, MS, and Parkinson's. Cardiac and neurological symptoms can be life threatening.^{1,2,3,4}

According to integrative Cardiologist Stephen Sinatra, children experiencing tachycardia from modulated microwave frequency emissions can also experience increased risk of stroke or heart failure. Increased youth colorectal/breast cancers are attributed to phones stored in pockets.

Rigorous and thorough assessment of Maximum Peak EMR-RF exposures in classrooms with all devices operating is critical. Building Biology mitigation standards are precautionary and can prevent serious injuries in schools.

RF power density can easily be reduced by 25%, (while maximizing device efficiency). Safe tech practices like on/off switches and airplane mode, after programs are downloaded, and inclusive, wired tech can be phased in to provide long-term protection for ALL students.

Bill 878 actualizes superior, modernized wired technology and simple, safe technology practices which intentionally minimize student and staff microwave exposures.

I urge you to vote yes to Bill 878.

Sincerely,

Shelley Wright,
Director, Canadian Educators for Safe Technology
shelleywright.ce4st@gmail.com

¹ Lai, Henry and Levitt, B. Blake. (2023). **Cellular and molecular effects of non-ionizing electromagnetic fields.** *Reviews on Environmental Health*, vol. 39, no. 3, 2024, pp. 519-529.

<https://www.degruyter.com/document/doi/10.1515/reveh-2023-0023/html?lang=en>

² Pall ML. (2024). **Central Causation of Autism/ASDs via Excessive [Ca²⁺]i Impacting Six Mechanisms Controlling Synaptogenesis during the Perinatal Period: The Role of Electromagnetic Fields and Chemicals and the NO/ONOO(-) Cycle, as Well as Specific Mutations.** *Brain Sci.* 2024 Apr 30;14(5):454. doi: 10.3390/brainsci14050454. PMID: 38790433; PMCID: PMC11119459.

<https://pubmed.ncbi.nlm.nih.gov/38790433/>

³ Yog Raj Ahuja, Sanjeev Sharma, Bir Bahadur. (2013). **Autism: An epigenomic side-effect of excessive exposure to electromagnetic fields.** *International Journal of Medicine and Medicine Sciences*

https://academicjournals.org/article/article1378991538_Ahuja%20et%20al.pdf

⁴ Paul Héroux. (2025). The Collision between Wireless and Biology, *Heliyon*, e42267,ISSN 2405-8440,

<https://www.sciencedirect.com/science/article/pii/S2405844025006474>

