



www.PreventCancerNow.ca

September 19th, 2019

Re: Improving health and learning by limiting exposure to WiFi and wireless devices

Dear Trustees,

I am writing further to a preliminary note of September 17th indicating that as an Ottawa resident, I would like to share the expertise of a leading scientist who will be visiting Ottawa, and for him to be available to the Board. **Martin Pall**, PhD, Professor Emeritus in Biochemistry and Basic Medical Science from Washington State University, is a leading expert on the biological effect of radiation from cell phones, Wi-Fi and proposed 5G wireless technology.

Students will soon not be distracted by cell phones in classrooms, and this will have the added benefit of reducing exposure to the associated radiofrequency radiation (RFR). Canada is behind some progressive jurisdictions in protecting children and their teachers from diverse harms from RFR.

We ask that the OCDSB consider how to advance,

- 1. to optimize use of fibre-optic and copper cables to connect to the internet, and***
- 2. to minimize and plan to phase out use of wireless technology.***

The objective is to achieve RFR exposures that are as low as reasonably achievable (ALARA).

Please find attached “Questions and Answers about Wi-Fi in Schools,” that summarizes scientists’ and doctors’ findings regarding health effects of RFR, and solutions recommended by experts, as well as requirements in a variety of other educational settings.

Dr. Pall will explain effects that are very extensively documented from our current EMF exposures. These include:

1. widespread neurological/neuropsychiatric effects;
2. diverse reproductive effects including infertility;
3. DNA damage;
4. oxidative stress;
5. elevated cell death;
6. endocrine (hormonal) effects;
7. cardiac effects on the electrical control of the heart; and
8. cancer.

Two key publications by Dr. Pall are:

1. Pall, Martin L. “Wi-Fi Is an Important Threat to Human Health.” *Environmental Research* 164 (July 1, 2018): 405–16. <https://doi.org/10.1016/j.envres.2018.01.035>.
2. Pall, Martin L. “Microwave Frequency Electromagnetic Fields (EMFs) Produce Widespread Neuropsychiatric Effects Including Depression.” *Journal of Chemical Neuroanatomy, Controversies on Electromagnetic Fields in Neurobiology of Organisms*, 75, Part B (September 2016): 43–51. <https://doi.org/10.1016/j.jchemneu.2015.08.001>.

Further I co-authored,

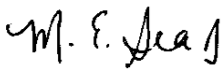
Clegg, Frank M., Margaret Sears, Margaret Friesen, Theodora Scarato, Rob Metzinger, Cindy Lee Russell, Alex Stadtner, and Anthony B. Miller. "Building Science and Radiofrequency Radiation: What Makes Smart and Healthy Buildings." *Building and Environment*, August 6, 2019, 106324. <https://doi.org/10.1016/j.buildenv.2019.106324>.

This strongly referenced, publication reviews effects of RFR on human and environmental health, many examples of actions taken globally to protect public health, and recommendations for facilities to minimize exposure to RFR and to protect health.

We look forward to addressing the trustees on September 24th, and providing the opportunity for them to question a highly regarded international expert in this matter, Dr. Martin Pall.

In the interim, a public presentation will be offered by Dr. Pall, at 2:30pm in the Banquet Hall at Woodroffe United Church. Trustees and all interested

Sincerely,

A handwritten signature in black ink, appearing to read "M. E. Sears".

Meg Sears PhD

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