

Subject: Wired vs Wireless in Schools

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Date: Fri, 08 Feb 2013 10:37:02 -0800

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Dear LAUSD Board Members:

The Bioinitiative 2012 Report says that evidence for risks to health has substantially increased since 2007 from electromagnetic fields (EMF) and wireless technologies (radio frequency radiation). The report reviews over 1800 new scientific studies and 29 independent science and medical experts from around the world.

Children's illnesses and deficits are our responsibility. Medical science has absolutely established the connection between wireless technology and health problems.

Should the plan to install Wi-Fi throughout the Los Angeles Unified School District result in genetic and cognitive damages to an entire group whose brains and bodies are still growing and developing, the responsibility will fall squarely on the School Board of the LAUSD.

Summary of Key Scientific Evidence: CHILDREN:

- Evidence that Children are More Vulnerable
- Evidence for Fetal and Neonatal Effects
- Evidence for Effects on Autism (Autism Spectrum Disorder or ASD)
- Evidence for Electro hypersensitivity
- Evidence for Effects from Cell Tower-Level RFR Exposures
- Evidence for Effects on the Blood-brain Barrier
- Evidence for Effects on Brain Tumors
- Evidence for Effects on Genes (Genotoxicity)
- Evidence for Effects on the Nervous System (Neurotoxicity)
- Evidence for Effects on Cancer (Childhood Leukemia, Adult Cancers)

SCHOOL TEACHERS, NURSING, MAINTENANCE, & ADMINISTRATIVE STAFFS:

- Evidence for Damage to Sperm, Malformations, and Lowered Count
- Evidence of Insomnia resulting in lowered Production of Melatonin necessary for Healthy Immune Systems
- Breast and Prostate Cancer; Alzheimer's Disease
- Stress, Stress Proteins, and DNA as a Fractal Antenna
- Evidence of Broken DNA Strands, both Single and Double
- Effects of Weak-Field Interactions on Non-Linear Biological Oscillators and Synchronized Neural Activity

THE DANGERS OF MICROWAVE RADIATION EMITTED BY WiFi:

The radiation levels emitted by WiFi are admittedly low, but the **nature** of this type of EMF is the problem! These pulsed and modulated frequencies are not only **biologically** damaging; the effects are **cumulative!**

Reference:

The concerns with **WiFi** center around the discoveries Dr. Magda Havas, Ph.D., Associate Professor of Environmental & Resource Studies at Trent University, made over the years through her research and findings at **schools** where **WiFi** is used. Dr. Havas found those exposed to **WiFi** experience:

- Headaches, such as migraines

- Dizziness
- Feeling out-of-place
- Rapid heart rates
- Heart arrhythmias
- Clumped blood cells leading to fatigue, numbness, and nausea, among others

Research shows exposure to **WiFi** can:

- Perpetuate Cancer Growth
- Cause **permanent** DNA damage
- Compromise the Immune System through loss of melatonin needed to repair the body
- Affect Male Sperm, low counts, and Deformities
- Evidence Showing Environmental Link to Autism

Sources for this article include:

<http://en.wikipedia.org/wiki/Belgacom>

<http://www.bioinitiative.org>

<http://en.wikipedia.org/wiki/GSM>

<http://heartmdinstitute.com>

<http://www.robindestoits.org>

<http://searchunifiedcommunications.techtarget.com>

<http://emrstop.org>

Technology can certainly exist in schools and classrooms, but in the interest of longterm safety, the Precautionary Principle should be invoked in your decision process which, in effect, stresses the importance of this approach when one is not sure; when all the evidence is not yet in, and **WiFi** is such a technology. It needs to be wired and embedded in fiberoptic cable which has proven to mitigate otherwise damaging health effects to the human body and, in particular, to children. Wireless Technology outstripped the testing by the scientific and medical communities in the rush to market. This is a decision the Board **must** get right as the future generations are utterly dependent upon it.

Sincerely,

Diane Whitmire