

The National Association for Children and Safe Technology

Newsletter | August 2015

Dear Members:

Archived newsletters are now available on the NACST website -
<http://www.nacst.org/2015-nacst-newsletters.html>

Wi-Fi in Schools

12 August 2015

Massachusetts – Reported by Safe Tech for Schools Maryland
Wi-Fi in School ADA Federal Complaint Against School After Child Fell Sick From
Wireless Installation

Federal complaint seeks injunctive relief for violation of the Americans with
Disabilities Act and damages for breach of contract and negligence.
<http://safetechforschoolsmaryland.blogspot.com/2015/08/parent-brings-federal-complaint-against.html>

Download the file of the complaint here -
<https://drive.google.com/file/d/0B8Oub2Nx5eSLToFWT2gHRkRSZm8/view>

July 2015

Massachusetts – Boston Parents Paper
Is Wi-Fi in Schools Safe? Putting EMF Exposure on Your Radar of Potential Health
Risks | By Brian Spero
<http://bostonparentspaper.com/article/is-wi-fi-in-schools-safe.html>

28 July 2015

Israel – No Rad 4 You Blog
The Knesset Children's Rights Committee – Wi-Fi and Tablet Deployment in Schools
<http://norad4u.blogspot.com/2015/07/the-knessets-children-rights-committee.html>

27 July 2015

Massachusetts – The Metro West Daily News
Ashland Woman Headed to State House to Talk Wi-Fi Safety
<http://www.metrowestdailynews.com/article/20150727/NEWS/150727029/?Start=1>

12 August 2015 (retrieval date)

Australia – Shearwater Newsletter On-line
Mullumbimby Steiner School Opts Out of Wi-Fi

<http://us1.campaign-archive2.com/?u=a1e1ac81d0185ad2011a5901c&id=3b4327c3f2>

The announcement follows the section titled, "Address from Head of School":

"Wi-Fi at Shearwater - Over the coming school holidays, wireless access points will be removed and replaced with Cat5e cable. This policy decision has been made based on an in-depth review of relevant research on the potential effects on physical health, as well as pedagogical concerns about the negative social and emotional impacts on students of frequent laptop, mobile phone and internet use..."

Cell Towers and Schools

04 August 2015

FOX5 Washington, DC 5 PM Report Cell Tower at Wheaton High School

<https://www.youtube.com/watch?v=5z9wtDabZWA>

"An organization, (Parents for Safe Schools), that says it is advocating for the health of children has released a video questioning the safety of a Montgomery County school. They say the issue is a cell phone tower. FOX 5's Beth Parker has more."

Related video <https://www.youtube.com/watch?v=VHULQ2yUMaU>

Medical / Scientific Advocacy

30 July 2015

Canada – What's Your Tech | Canada Plugged In

Awareness Campaign Needed on Cellphone Use, Wi-Fi Radiation Risks amid Conflicting Government Reports

By Lee Rickwood

This article discusses the pressure from the scientific and medical community on Health Canada to reform its policies and statements on wireless radiation.

<http://whatsyourtech.ca/2015/07/30/awareness-campaign-needed-on-cellphone-use-wi-fi-radiation-risks-amid-conflicting-government-reports/>

29 June 2015

British Columbia, Canada – The Green Gazette

HEALTH & WELLNESS | Cancer Expert Warns: Extremely Important to Adopt Precaution against RF Exposure

<http://www.thegreengazette.ca/health-wellness-cancer-expert-warns-extremely-important-to-adopt-precaution-against-rf-exposure/>

"In March and April, 2015, the Canadian Parliamentary Standing Committee on Health invited international experts to testify about Safety Code 6—Health Canada's exposure guideline on non-ionizing radiation from cellphones, WiFi, cordless phones, baby monitors, smart meters, and other electromagnetic sources. These

doctors, scientists, and researchers almost unanimously denounced Safety Code 6 as outdated and inadequate for protecting the health of Canadians. Below is the testimony presented by Dr. Anthony B. Miller, Canada's foremost expert in radiation and cancer."

22 June 2015

Video - Victoria L. Dunckley, MD

Expert Forum on Cell Phone and Wireless Risks | Commonwealth Club of California

<https://vimeo.com/132159417>

"Dr. Dunckley says overstimulation and dysregulation produced by electronics use mimics or exacerbates numerous psychiatric conditions, that electromagnetic radiation from wireless communications magnifies these effects, and the growing use of mobile devices in the classroom is a major contributor to the epidemic of mental health issues, learning difficulties, and overuse of psychotropic medication in children."

Scientific Research

07 July 2015

Oxidative mechanisms of biological activity of low-intensity radiofrequency radiation
Igor Yakymenko, Olexandr Tsybulin, Evgeniy Sidorik, Diane Henshel, Olga Kyrylenko, and Sergiy Kyrylenko

A recently published 2015 meta-study by Ukrainian scientists found cell phone radiation causes brain cancer.

<http://informahealthcare.com/doi/abs/10.3109/15368378.2015.1043557>

Four related news stories were found on the study -

1.) **04 August 2015**

Christian Today | Life

Cellular phone radiation can cause cancer, other health woes, meta-study confirms
By Andre Mitchell

<http://www.christiantoday.com/article/cellular.phone.radiation.can.cause.cancer.ot.her.health.woes.meta.study.confirms/60921.htm>

2.) **31 July 2015**

United Kingdom - Daily Mail

Mobile phones ARE linked to cancer, study claims: Long-term use 'is associated with Alzheimer's, Parkinson's, headaches and skin irritation'

By Anna Hodgkiss

<http://www.dailymail.co.uk/health/article-3181406/Mobile-phones-linked-cancer-scientist-claims-Long-term-use-causes-disease-headaches-skin-irritation.html#ixzz3haZMLeWp>

3.) **29 July 2015**

New York Daily News

Hold the phone, Central! Cellphone radiation can cause cancer: study

By Meredith Engel

<http://www.nydailynews.com/life-style/health/cellphone-radiation-cancer-study-article-1.2308509>

4.) **25 July 2015**

News Medical | Life Sciences and Medicine

Source: Taylor and Francis

<http://www.news-medical.net/news/20150725/Metabolic-imbalance-caused-by-radiation-from-wireless-devices-linked-to-many-health-risks.aspx>

June 2015

Am J Orthod Dentofacial Orthop. 2015 Jun;147(6):719-24. doi:

10.1016/j.ajodo.2015.01.023.

Effect of mobile phone use on metal ion release from fixed orthodontic appliances.

<http://www.ncbi.nlm.nih.gov/pubmed/26038076?dopt=Abstract>

"The aim of this study was to evaluate the effect of exposure to radiofrequency electromagnetic fields emitted by mobile phones on the level of nickel in saliva." The study concluded "Mobile phone usage has a time-dependent influence on the concentration of nickel in the saliva of patients with orthodontic appliances."

Legislation

23 July 2015

Nassau County, New York – The Island Now

Legislation eyed for Wi-Fi in county buildings

http://www.theislandnow.com/great_neck/legislation-eyed-for-wireless-routers-in-nassau-county-buildings/article_24023694-3142-11e5-9924-cbbcf422243f.html

10 June 2015

South Tyrol, Italy - Parliament of South Tyrol Reconfirms Precautionary Principle

<http://kompetenzinitiative.net/KIT/KIT/progress-in-south-tyrol-applying-the-precautionary-principle/>

"State Parliament of South Tyrol (Landtag Südtirol): In a decision from 10 June 2015, a responsible implementation of Wi-Fi and cell phone networks as well as RF radiation exposure guidelines has been announced. The majority of the State Parliament decided *allowing the application of the precautionary principle.*"

Articles

06 August 2015

NBC News | Today

News correspondent Jenna Bush Hager (Pres. Bush's daughter), reports on parents' smartphone use and the impact it has on their children. She is the mother of a toddler and is also expecting a baby soon.

<http://www.today.com/video/is-your-smartphone-ruining-your-relationship-with-your-kids-499557443697>

06 August 2015

United Kingdom – The Daily Telegraph

Smart Phones dumb kids down

By Tristram Hunt

<http://www.timeslive.co.za/thetimes/2015/08/06/Smartphones-dumb-kids-down>

“ ‘Smartphones are psychologically addictive, encourage narcissistic tendencies and should come with a health warning.’

That was the conclusion of a study at the University of Derby in the UK, which highlighted the disturbing downside to our digital obsession.

But it could be even worse than that. Smartphone addiction could be damaging educational standards and exacerbating inequality. Digital technology is now an everyday component of classroom and community, but we need to think much smarter about its long-term impact.”

06 July 2015

The New York Times | Personal Health

Screen Addiction is Taking a Toll on Children

By Jane E. Brody

http://well.blogs.nytimes.com/2015/07/06/screen-addiction-is-taking-a-toll-on-children/?_r=2

20 May 2015

San Jose Mercury News | Lifestyles

Why we need to separate kids from tech – now

By Martha Ross

http://www.mercurynews.com/bay-area-living/ci_28148880/kids-and-tech-its-becoming-too-much-not