Wireless Technology

The Worst Threat to our Health **Personal Privacy Democracy** and **National Security**

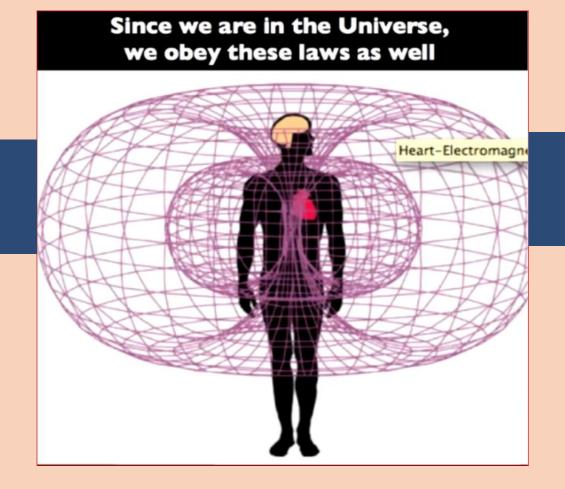
in Canada's Entire History

Jerry Flynn's BIO

- Retired Canadian Armed Forces Captain. Spent 22 of 26+ years' service in <u>SIGINT</u>, <u>Electronic</u> <u>Warfare</u> (EW) and <u>Radio Warfare</u>:
- 2 yrs as Executive Officer (2-i/c) & Operations
 Officer at ultra-sensitive radio station directly
 employing 200+ specially-trained radio
 operators & technicians;
- 2 yrs in National Defense Headquarters, in the Directorate of Electronic Warfare, as the Staff Officer EW for Canada's only Army EW Sqdn.
- Also conducted EW at sea with RCN and on land with NATO army units.

Humans and all life forms are Bio-Electrical Beings

Body 7.83 Hz

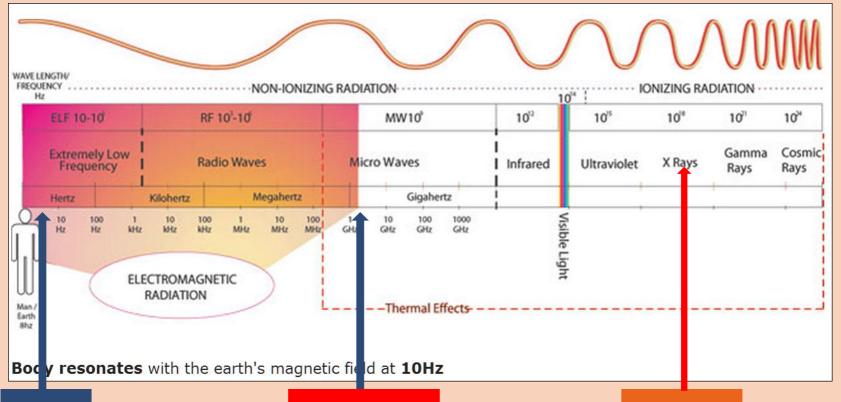


Brain 1-30 Hz

Electromagnetic Frequency Spectrum

Non-lonizing radiation

Ionizing radiation



ECG

2.4 GHz

X-Ray

Evolution of Technology

```
Prior to 1897 – virtually NO EMR
(1920s) AM radio
(1940s) radar
(1950s) FM Radio and TV
(1970s) computers
(1980s) mobile phones
(2000s) wireless technologies &
       compact fluorescent lighting
```

U.S Embassy – Moscow ('53 – '76)

(6-8 Hours a Day, 5 Days Week)

Was irradiated with M/W frequencies at lower power levels than Canada now permits.

- 2 ambassadors died of cancer;
- 3rd developed leukemia-like blood disease & bleeding eyes and eventually died from it;
- At least 16 women developed breast cancer;
- Many other staff suffered immune system disorders, high white blood cell counts, chromosomal breaks, chronic fatigue, blurred vision, cataracts & muscle aches.
- U.S. KNEW but DIDN'T TELL embassy for at least 10 years! (Ref: Barrie Trower)

Russians used "<u>our</u>" cell phone frequencies as weapons in mid-1950s

The U.K. Defence Intelligence Agency research dates from 1976 and shows the dangers were known about over twenty years ago. The Soviets used the frequencies and intensities used by mobile phones, 1800 MHz and 900 MHz, as weapons!

http://www.whale.to/b/rifat.html

Project Pandora

Eldon Byrd, a scientist for the Naval Surface Weapon Centre, USN, said about M/W radiation in 1986: 'We can alter the behaviour of tissues, cells, organs and whole organisms.... you can cause up to six times higher foetus mortality and birth defects in laboratory animals, and these fields are so weak you can hardly detect them...It is known how to induce malignant diseases in human cells ... and how to cure them..."

http://www.youtube.com/watch?v=xehJzyttZr8

B.C. Hydro's TETRA Network

The TETRA system pulses at 17.6 Hz broadcast at 400 MHz which is essentially the Pandora Project funded by the CIA in the late '60s and early '70s.

[2001] The TETRA System: Mass UK Mind Control Technology and the Zombification Of Britain's Police is Now A Reality by Tim Rifat http://www.whale.to/b/pandora.html

Non Lethal Microwave Weapons

Frequency	Illness Caused
4.5 Hz	Paranoia;
6.6 Hz	Depression/Suicide;
8 Hz	Animals fall asleep;
11 Hz	Manic behavior/Anger;
25 Hz	Blindness if aimed at the
	head; Heart attack if aimed
	at the chest.

Other frequencies cause hysteria, trauma, lust, murder and cancer, and may all be induced. http://www.planningsanity.co.uk/reports/trower.htm

Wireless Devices - all transmit/emit EMR -

AM and FM radio towers, satellite TV, Amateur Radio, airport radars, police radars, Microwave ovens, cell phones, cell phone towers, iPhones, smart phones, cordless phones, iPads, tablets, Wi-Fi routers (2.4 or 5 GHz) home security systems, baby monitors, laptops, garage door openers, Bluetooth, remote control units, GPS satellites, TETRA Networks (BC Hydro 409-430 MHz: <u>17.6 Hz</u>), Wi-Max towers (2.3, 2.5, 3.5, 5.8 MHz).

Wireless Devices (Cont'd)

Military and scientific satellites, motion detectors, Wi-Fi hotspots: cities, towns, buildings, school buses, Greyhound buses, VIA Rail trains, planes, restaurants), body area networks (BANs), Car Wi-Fi; RFIDs (900 MHz), X-rays, CT Scans, MRIs, Pagers, some Copiers, Motion Detectors, Wii & Wii U, and Xbox 360 games. Car-collision avoidance, Smart Meters, Meshed-grid networks, etc.

Man-Made EMR

Scientists estimate that Earth's level of EMR is now 100-200 million times greater than it was 100 years ago, and that it has increased 1,000,000 times in just the last decade! All wireless transmitting devices emit EMR, but none moreso than wireless smart meters in meshed-grid networks.

Non-industry Scientists Say

Prof. Yurij Grigoriev, Chairman of RNCNIRP said: "Man conquered the Black Plague, but now he's created <u>EMF</u> pollution"

The International Doctors' Appeal (more than 1,000 doctors) states: "This is the greatest biomedical experiment in human history ever."

Dr. Robert O. Becker, Two-time Nobel Nominee said: "The greatest polluting element in Earth's environment is the proliferation of EMF."

Non-industry Scientists (Cont'd)

"We may be facing a looming epidemic of morbidity and mortality." Dr. Sam Milham, first scientist to connect electricity to health problems.

"Never before has humankind been exposed to such high amounts of this very disruptive energy, and effects are cumulative." Dr. Andrew Weill, leading health expert.

"There is no safe threshold level. The only safe exposure level is zero." Dr. Neil Cherry.

Non-industry Scientists (Cont'd)

The **2011 Seletun Scientific Panel** says: "Global population is at risk. Reduce Exposure Limits 1,000 to 10,000 times.

"...exposure to microwave and EMF is significantly harmful to all health and life itself." Dr. Dietrich Klinghardt.

"There's a major health crisis coming, probably already underway ... cancers, learning disabilities, ADD, Autism, Alzheimer's, Parkinson's, psychological & behavioral problems. Dr. George Carlo

Electro Hypersensitivity: "EHS" Symptoms

"Microwave Sickness," first reported in 1932,

Includes headaches, dizziness, disrupted sleep, insomnia, fatigue, nausea, heart palpitations, memory loss, tinnitus, skin rashes, muscle and joint pain, leg and foot pain, tingling, irritability, numbness, nosebleeds, depression, anxiety, etc.

Ten per cent of European's now EHS; experts fear will grow to 50% by 2017! (in Canada too!)

Illnesses Linked to EMR

Many cancers, neurological conditions, ADD, sleep disorders, depression, Autism, Alzheimer's, Parkinson's, cognitive problems, cardiovascular irregularities, hormone disruption, immune system disorders, metabolism changes, stress, fertility impairment, increased blood brain barrier permeability, mineral disruption, DNA damage, etc.

1971 - U.S. Naval Medical Research Institute

By 1971, NMRI had referenced 2300 research articles listing more than 120 illnesses attributed to R/F and non-ionizing M/W radiation.

www.magdahavas.com/wordpress/wp-content/uploads/2010/08...

1973 – M/W Radiation Study NRC and University of Ottawa

In view of the expected proliferation of M/W devices, a substantial increase in ambient levels of M/W is feared that may endanger human health. On this basis strict control of the use of these devices must be introduced while present safety standards are revised and extensive research is conducted into long term effects of exposure to low intensity M/W radiation. In particular, a study of possible accumulative effects of M/W radiation be conducted.

http://www.scribd.com/doc/30905148/NRC-Canada-Environmental-Pollution-by-Microwave-Radiation-Potential-Threat-to-Human-Health-1973

1974 - Most Lethal M/W Frequencies: 0.95 and 2.45 GHz

"Research conducted at Stanford Research Institute, Menlo Park, California, showed that experimental exposure to high levels of microwave radiation well above U.S. and Canadian guidelines killed rats within a matter of seconds to a few minutes. Of the 4 frequencies tested, the two most lethal frequencies were 0.95 and 2.45 GHz920 to 960 MHz, which is exactly the most deadly frequency specified by this research." MagdaHavas.com

Barrie Trower

Cited a 1950s report stating: "If this paper becomes known around the world, it will threaten military and commercial interests." He especially condemned Health Canada's Code 6

prd34.blogspot.com/2012_03_04_archive.html

He also said: "A 1976 Document summarizing U.S. Defense Intelligence research is the saddest and most despicable document ever published in history." The document lists all of the health hazards caused by wireless devices and concludes: "This should be kept secret to preserve industrial profit."

vitalitymagazine.com/article/why-our-world-is-electropo...

1976 - Sworn to Silence About non-thermal EMR

U.S. Government advised its western allies not to talk about non-thermal effects of microwave radiation. If it did not heat the body, they were not to talk about it.

Ref. Barrie Trower

1979 – NIOSH & OSHA Warning

(National Institute Occupational Safety & Health, and Occupational Safety Health Agency)

Both agencies believe there is sufficient evidence of harmful non-thermal effects to humans, they recommend that PRECAUTIONARY measures be instituted to minimize the risk to workers from unwarranted exposure to RF energy."

www.cdc.gov/niosh/docs/80-107/

The Precautionary Principle

The Precautionary Principle shifts the burden of proof from those suspecting a risk to those who say there is none.

http://www.icems.eu/

1986 - Understanding Microwave Radiation

Following the 1986 Chernobyl incident it was found that long-term, continuous, low-level radiation of all types was as dangerous as high level doses of radiation!

1990 – U.S. EPA Environmental Protection Agency

EPA'S "Draft" report recommended EMR be classified 2B "Possible" carcinogen. 33 of 35 international research studies on EMR made a conclusive link between brain tumours, leukaemia and other forms of cancer & electromagnetic stress. US Military, Telecom Industry & others dumped on EPA. Report was altered.

"Electromagnetic Radiation," Chloe Wadsworth

- EPA had funding cut from \$870,000 to \$25,000/yr
- EMR shifted to FCC
- 1996 US Telecommunications Act

Food & Drug Administration

1333 - U.O. 1 DA

Data "strongly suggest" M/W can promote cancer.

At the height of public concern over cell phone—brain tumor risks, FDA biologists concluded that the available data "strongly suggest" that M/W can "accelerate the development of cancer."

(obtained by Microwave News under the Freedom of Information Act.) http://microwavenews.com/news/backissues/j-f03issue.pdf

1996 – U.S. Federal Court ruled citizens can't sue electric utilities over EMR

In the summer of 1996, a U.S. Federal Court ruled that citizens may not bring suit against electric power companies over electromagnetic radiation emissions.

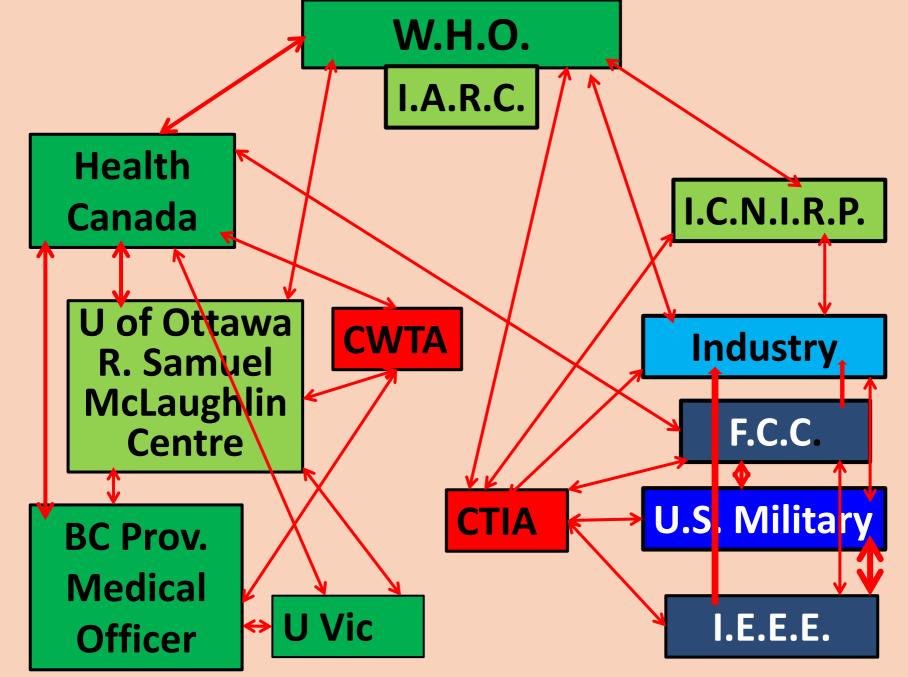
http://www.think-aboutit.com/energy/pwr line.htm

Prof. Michael H. Repacholi

- '69-'71) <u>U. of Saskatoon</u>.
- '69-'81) Full member of Cdn Rad'n Protect'n Assn.
- '71-'83) Health & Welfare Canada:
 - '80-Ph.D. Biology: U of Ottawa
- '71-'83) Radiation Protection Bureau.
- '75-'82) Head, Non-Ionizing Radiation Program. In
 - '78 he co-authored Safety Code 6 Exposure
 - **Limits** with **Prof. Maria Stuchley**
- '83-'91) Royal Adelaide Hospital, S.A. Australia
- '91-'95) Australian Radiation Lab (seconded)
- '92-now) ICNIRP inaugural Chmn., now Emeritus!

W.H.O. 1996 – International EMF Project

In response to the public's concerns about the health effects of EMF exposure, in 1996 the W.H.O. established the 10-year, \$250million International EMF Project, lead by Prof. Michael Repacholi to assess the scientific evidence of possible health effects of EMF in the 0 to 300 GHz. range.



1996 - Corruption in the W.H.O.

Dr. Michael Repacholi said: "PRECAUTIONARY policies SHOULD NOT be applied to EMFs!" He recruited only ICNIRP & utility scientists to help him write the 1st draft of the WHO's Exposure Limits, and later had them review the completed draft. Then he invited eight utility reps. to attend a task group meeting — Media was banned and independent scientists were excluded!

http://lifeenergies.com/he-emr/

Canada's Radio Frequency "Exposure Limit" 1000 uW/cm2

Russia, China, Italy, France, Australia, Most European Countries, Switzerland & Austria

100s to 1000s of times LOWER (Safer)

(100 uW/cm2 was recommended by Toronto Board of Health back in 1999)

BioIniative Report - 2007

Recommends 0.1 uW/cm2, which is

10,000 times lower than Safety Code 6!

Public Exposure Guidelines 1800 MHz µW/m2

Salzburg GSM/3G inside (2002)	1
Salzburg GSM/3G outside (2002)	10
EU-Parl (2001)	100
Salzburg 1998 (sum GSM)	1,000
Italy (single frequency)	1,000
Russia, PRChina	100,000
Italy (sum of frequencies)	100,000
Belgium (ex Wallonia)	1,115,000
ICNIRP (1998), WHO	9,000,000
FCC (USA) [and Canada]	10,000,000

http://emrstop.org/index.php?option=com_content&view=article&id=71&Itemid=35

1998 – U.S. NIEHS

National Institute of Environmental Health Sciences

Classified ELF EMFs a 2B "Possible" Carcinogen.

"More than 100 epidemiological studies have shown an association between residential and occupational EMF exposure and many types of cancer ... The final vote of the panel was 19 to 9 in favor of categorizing ELF EMFs, such as those from power lines and electrical appliances, as possible carcinogens."

http://lifeenergies.com/he-emr/

1999 – U.S. Consumer Affairs Commission

Found current *thermal* guidelines associated with EMR are *irrelevant*.

Cancer and Alzheimer's are associated with <u>non-thermal</u> EMR effects.

http://lifeenergies.com/he-emr/

2000 Salzburg Resolution - Siting of Cell Towers -

19 distinguished scientists from 10 countries: Italy, Canada, Russia, China, Austria, U.K., Switzerland, Poland, USA & New Zealand recommended, in part: maximum RF exposure for humans be no more than 0.1 uW/cm2.

www.land-sbg.gv.at/celltower

2002 - FCC sets M/W limits >10,000 times HIGHER than levels known to cause illness!

FCC.... Set public Exposure Limits for M/W radiation at levels at least 10,000 times higher than levels which, according to the EPA, were causing reports of illness from all over the world..

http://lifeenergies.com/he-emr/

2002 - Freiburger Appeal

Initially signed by 270 medical consultants, scientists, GPs, MPs and physicians, has now been signed by more than 6,000 German doctors. It lists 13 severe chronic illnesses and various disorders involving: behaviour, blood, heart, cancers, tinnitus, migraines, susceptibility to infections and sleeplessness, all ascribed to pulsed M/W from mobile communications technology.

http://omega/twoday.net/stories/555926/

2003 - U.K. Gov't Bans Cell Phones in All Schools

UK Education Secretary David Blunkett

<u>bans cell phones from all schools</u> in **England** and Wales, saying mobile phones
should only be used by pupils under 16 in

<u>EMERGENCIES</u>.

The Sun, UK Press Sunday, November 16, 2003

2005 - Corruption in W.H.O.

On the 5th of July 2005, it was published that

Dr. Michael Repacholi – Coordinator of the WHO's Radiation and Environmental Health Unitreceives \$150,000 a year (via Royal Adelaide Hospital, S.A.) from the cellular phone industry with additional money for meetings and travels.

(microwavenews.com 5.7.05)

\$\$\frac{5}{5}\$ matter more to INDUSTRY than concerns about HEALTH

The Health Sciences Utility Group, another power industry group that Repacholi asked to review the EHC draft document, plainly indicated increased costs to industry should take precedence over health considerations" when they proposed a change in the chapter on protective measures that stated: "It should also be pointed out that redirecting facilities or redesigning electrical systems may be so expensive as to be inconsistent with the low-cost and no-cost steps typically viewed as prudent avoidance." (19) http://www.next-up.org/pdf/who conflict.pdf

August 2005 – Petition

Please sign the Petition, click on the picture below:



http://www.thepetitionsite.com/petitionfaqs.html

2005 - Power industry invited to help set ELF EMF standards

Dr. Repacholi is documented as having invited power industry representatives to participate actively in setting public health standards for EMFs emitted by powerlines and transformers.

Microwavenews.com 1.10.05, 22.9.05

2006 - Cell Phones Affect Sperm Count

 An American study from the Reproductive Centre in Cleveland in 2006 shows that men who used a mobile phone had a 25 per cent lower sperm count than men who never used a mobile. Sperm counts in the US have plummeted 29 per cent, attributed by the study's authors to mobile phone emissions."103

http://www.ecolibria.com.au/Resources/electromagnetic-radiation-emr-and-potential-adverse-health-affects

2006 – Cell Towers 7 Develop Brain Tumors

In Melbourne in 2006 seven people at the Royal Melbourne Institute of Technology (RMIT) developed brain tumours two floors underneath transmitting antennas. They had been working there for ten years.

2006 – Cell Towers and HV Power Lines

Greece prohibits mobile phone antennas and high voltage powerlines within 500 meters of schools. (World News 24/10/2006)

http://www.savedereel.com/2008

W.H.O. funding summary for the International EMF Project (July 2006-June 2007)

INCOME

\$249,682 Governments \$529,820 Others (i.e. Industry) USD \$779,502 TOTAL INCOME"

http://inthesenewtimes.com/2011/03/06/repacholi-admits-interference-from-the-industry-at-the-who-emf-project/

2007 – Industry's roving ambassador

Prof. Repacholi, on leaving the W.H.O. became roving ambassador for industry, promoting wireless devices to children and schools.

He's also Chairman Emeritus of ICNIRP

http://inthesenewtimes.com/2011/03/06/repacholi-admits-interference-from-the-industry-at-the-who-emf-project/

2007 - Cordless (D.E.C.T.) Phones 2.4 GHz radiate <200 Meters

Increased risk of brain tumor

(high grade malignant glioma) when used mostly on only one side of head is

470%!

(BioInitiative Working Group August 2007)

Bioinitiative Report – 2007

A worldwide body of scientists and public health experts, released a 650-page document with over 2,000 studies linking RF and EMR exposure to cancer, Alzheimer's desease, DNA damage, immune system dysfunction, cellular damage and tissue reduction.

<u>Prof. James F. Tracy in www.globalresearch.ca/PrintArticle.php?artcleId=31816</u> <u>http://international-emf-alliance.org/index.php/appeal</u>

2008 - Dismantling Wi-Fi in Schools

Members of the European Union, which has led the way on EMF investigations, are moving quickly to protect their citizens, particularly children and pregnant women. In the past 2 years alone, France, Germany, and England have dismantled wireless networks in schools and public libraries, and other countries are pressing to follow suit.

http://www.msnbc.msn.com/id/34509513/ns/health-cancer/t/electrosmogharming-our-health/#.UPnBRR2rnTp

2008 – Cell Tower 8 Brain Cancers

San Diego State University. All eight cancer victims worked in or near the 3-story building on which a cell tower was mounted.

Another professor who worked in the building is said to be suffering from another kind of brain cancer.

http://healthjournalism.org/blog/tag/brain-cancer/

2008 – Two Billion May Suffer From Cell Phone Cancer by 2020

The studies and survey conducted by Australian Health Research Institute indicates that due to billions of times more in volume EMR emitted by billions of mobile phones, internet, intranet and wireless communication data transmission will cause almost one-third of world's population (about two billion) will suffer from ear, eye and brain cancer, and other major body disorders like heart ailments, impotency, migraines, epilepsy.

http://emrstop.org/index.php?option=com_content&view=article&id=151:2-billion-may-suffer-from-cell-phone-cancer-by-2020&catid=6:emfemr-information<emid=36.

2008 – ICEMS calls for global application of PRECAUTIONARY PRINCIPLE

The non-ionizing EMR Exposure Limits recommended by international standards organizations, and supported by W.H.O. are inadequate ... as only thermal effects are considered. A global application of the PRECAUTIONARY PRINCIPLE is required. In addition, new standards should be developed to take various physiological conditions into consideration, e.g., pregnancy, newborns, children, and elderly people.

http://www.icems.eu/resolution.htm

2009 – Cell Tower 43 Cancer Victims

MALAGA - SPAIN



43 cancer cases among 350 residents living near a mobile telephone relay antenna



www.scribd.com/doc/23242188/Malaga-43-Cancer-Cases-Amon...

2009 India – Cell Phones Banned in all Schools

Karnataka State, India Bans cell phones in <u>all schools and</u> <u>pre-university colleges</u>.

http://www.hindu.com/2009/09/14/stories/2009091454460500.htm

Doctors/Scientists Call for Moratorium or Stricter Guidelines on All WiFi Devices

Seletun Consensus Statement 2010 Copenhagen Resolution 2010 Int'l Appeal of Würzburg 2010 **Dutch Appeal 2009 EMF Resolution 2009 Porto Alegre Resolution 2009 European Parliament** Paris Appeal 2009 **London Resolution 2009** Venice Resolution 2008 **Berlin Appeal 2008 Brussels Appeal 2007**

2010 – Canada's National Research Council (NRC)

Said in its journal Environmental **Review that many Canadians are** being exposed to dangerous levels of radiation and concluded that a new biologically based guideline is needed, instead of the dangerous, outdated thermal guidelines.

http://safeschool.ca/Health_Warnings.html

2010 - Crimes Against Mankind Michael Repacholi

"The credibility gap of the W.H.O. extends well beyond the Milky Way. The ethical conflict is patent. The international epidemic of the microwave syndrome is getting to levels of genocide. And Michael Repacholi is internationally responsible for CRIMES AGAINST MANKIND. The knowledge was there since the 1920?s."

Dr. Carlos Sosa, M.D., Colombia, S.America.

2010 - Cell Phone Industry Owns W.H.O.

"...there is no doubt: the Microwave Syndrome is not only the biggest experiment in the history of Mankind, but also, it is one of the biggest epidemics recorded in Medicine (after the Black Death, influenza, malaria, AIDS, etc) ... As long as the cell phone industry owns the World Health Organization, the crime will proceed."

Dr. Carlos Sosa, M.D., Colombia, S. America.

http://www.electrosensitivesociety.com/2010/06/01/the-dr-carlos-sosa-m-d-story/

2010 - U.S. E.P.A.

Environmental Protection Agency

The EPA publicly acknowledged in its report: "Evaluation of the Potential Carcinogenicity of EMFs," that electromagnetic pollution is a serious threat to health. "More and more people living near high-voltage lines have reported severe symptoms and even life-threatening diseases."

http://www.emfnews.org/headset.html

2010 – U.S. President's own panel urges Precautionary Principle for EMF

President Barack Obama's own <u>Cancer</u>
<u>Advisory Panel</u> pointed to cell phones and other wireless technologies as potential causes of cancer, and recommended: When credible evidence exists that there may be a hazard, use a <u>PRECAUTIONARY</u> approach.

http://willthomasonline.net/how%20to%20defend%20against%20smart%20meters.htm

2011 – Council of Europe Notes "Conflict of Interest"

"33% of studies funded by industrial concerns conclude that exposure to mobile telephone radio frequencies has an effect on our organism. That figure rises to over 80% in studies carried out with public funding." This is a "manifestly unacceptable situation pointing to CONFLICTS OF INTEREST which undermine the integrity, the genuine independence and the objectivity of scientific research."

http://www.assembly.coe.int/Documents/WorkingDocs/Doc11/EDOC12608.pdf

World Health Organization

"W.H.O."

Classified EMR a
Class <u>2B</u> Carcinogen
"<u>Possible</u>" Cause of <u>Cancer</u>
May, 2011

2011 - Canadians perilously overexposed to EMR

In Ontario's Simcoe County, children in at least 14 schools have become ill since the schools installed Wi-Fi, beginning in 2006, with symptoms of – speeding heart rate, fatigue, headaches. Two children have "had cardiac arrests" and are on heart medication. "Now every school in Simcoe County has its own defibrillator, as though teenage heart attacks are normal."

http://www.policyalternatives.ca/publications/monitor/jumping-wireless-bandwagon

2011 - European Parliaments (47 countries – 800 million People)

The <u>Council of Europe</u> and the <u>European Parliament</u> have concluded: the need is to protect citizens from <u>EMR</u>, particularly "<u>pregnant women</u>, newborn babies and <u>children</u>."

http://www.safeinschool.org/2011/05/europes-may-2011-report-calls-for-ban.html

2012 – "Concrete evidence" EMR causes cancer"

Dr Annie Sasco, PhD (former Director for 22 years of WHO's/IARC: International Agency for Research on Cancer) says: "Despite the voices of industryfunded scientists saying otherwise there is concrete evidence that mobiles/cellphones and wi-fi cause cancer in humans."

http://www.youtube.com/watch?v=2JyAIO_UdSk

2012 - Alarming Facts

Global increases in past 20 years

```
Autism --- 600% to about 70-million!
ADD ---- 400%!
Asthma - 300% to about 300-million!
Food Allergies – 400% to >270-million!
Diabetes – 220-million now; rising to
          400-million by 2030!
Male Sperm – Average man has lost 53% in
past 50 years! Will be "0" in 70 years!
```

www.gulf-daily-news.com/NewsDetails.aspx?storyid=341914

Autism: 1 in 88 in China & North America

North America: 1 in 88 is Autistic;

China: No official numbers exist, but estimate 10-million children are Autistic, and 1 in 88 of general population.

http://www.thestar.com/news/canada/article/1285628--the-autism-project-in-china-private-school-for-autistic-children-provides-hope

Birds – Bees – Butterflies

Over Last 25 years

```
Butterflies – 5 species now extinct in U.K.;
Arctic Migratory Birds - 109 species have shrunk in No.'s.;
Australian Shore Birds - 36 species have shrunk by 75%;
Butterflies (world) - 10% face extinction;
British Butterflies - 50% face extinction;
Bees – up to 75% fewer;
Asian Migratory Birds - 62% threatened;
Australian Wading Birds - 80% of them declined;
British Bees – half of species have declined by <70%;
U.S. Bees – No. of species decreased in size by <98%;
Birds – 190 different species face imminent extinction
Birds – 1 in 8 of world's species under threat
                 www.mastsanity.org/
```

2012 - Teachers call to BAN Wi-Fi in Ontario schools.

Feb 13, 2012: Citing safety concerns, the Ontario English Catholic Teacher's Association representing 45,000 teachers, is calling for a ban on new Wi-Fi installations in the province's 1,400-plus Catholic schools and advocating that computers in all new schools should be hard-wired as well.

http://www.cbc.ca/news/canada/toronto/story/2012/02/13/toronto-oecta-wifi.html

2012 - INDIA - Mobile Alert

Government orders radiation emission tags for all <u>cell phones</u>.

Delhi wants rules developed for mushrooming <u>cell towers</u> (January 2012)

2012 - Prof. Repacholi a man with no conscience

"... certainly, from the health viewpoint there is no concern that we've seen this far that parents need to be worried about children's use of mobile phones."

http://www.gsma.com/publicpolicy/repacholi-interviews-03/

2012 – Austria, Russia, Israel Oppose Wi-Fi in Schools

Austria - the Austrian Medical Association);

Russia (the Russian National Committee on Non-Ionizing Radiation Protection,

Israel - the Israeli Minister of Health Rabi Yaakov Litzman

http://www.cellphonetaskforce.org/?page_id=128

2012 - Russia Warns

Pregnant women: avoid using mobile phones entirely ... also children under 18.

Austria, China, Germany, India, U.K., Israel, Finland, Belgium, Ireland, Spain, Sweden & Toronto have issued health warnings for children: "use cell phones in emergencies ONLY – but only on speaker phone."

Prof. Yury Grigoriev, Chairman of Russian National Committee on Non-ionizing Radiation Protection (NIRP)

2012 - EMF & Female Breast Cancer

Female breast cancer has reached epidemic proportions, with 1 in 10 American women developing it and 1 in 4 dying.

Alarmingly, of women who develop the disease, 55% have no known risk factors. Breast cancer mortality rates are five times lower in Asia and Africa than in industrialized North America and northern Europe regions where EMFs are omnipresent.

http://bizgenerationnetwork.blogspot.ca/2012/07/lynas-cancer-and-you.html

The Breast Cancer Risk Nobody Talks About - EMR

Oct. 2012. Israeli scientists have found that low-frequency electromagnetic fields (EMFs)—produced by cell and cordless phones, hair dryers, electronics, faulty wiring, microwave ovens, PDAs, power lines, TVs, and WiFi—have "a statistically significant influence on the formation" of the most common form of breast cancer."

http://www.annlouise.com/blog/2012/10/23/the-breast-cancer-risk-that-nobody-talks-about/

2012 – Two Cell Towers 7 Cases of Cancer

British cell phone company ordered to remove 2 cell towers from 5-story building: Seven residents struck down by cancer. Three died; another four have battled the disease since masts were erected on roof.

Known as the Tower of Doom, the cancer rate on the top floor is 20%, 10 times national average!

http://www.agoracosmopolitan.com/home/Frontpage/2008/02/01/02182.html

The Breast Cancer Risk Nobody Talks About - EMR

Oct. 2012. Israeli scientists have found that low-frequency electromagnetic fields (EMFs)—produced by cell and cordless phones, hair dryers, electronics, faulty wiring, microwave ovens, PDAs, power lines, TVs, and WiFi—have "a statistically significant influence on the formation" of the most common form of breast cancer."

http://www.annlouise.com/blog/2012/10/23/the-breast-cancer-risk-that-nobody-talks-about/

EMR Suppresses Melatonin

Produced by the Pineal gland, Melatonin is a powerful cancerfighting hormone produced in the body at night. Sleeping in a room surrounded by our favourite devices cordless phone, cell phone, digital clock, CD/radio player, computer and TV – can seriously suppress melatonin production.

"Electropollution, Hormones and Cancer" www.nexusmagazine.com
Aug-Sept.2007

ELF/EMF – Melatonin - Tamoxifen

EMR disturbs & interferes with production of **MELATONIN**.

Breast cancer patients have <1/10th normal level. **Prostate cancer** patients have <1/2 normal level. **Autistic** children have <1/2 normal level. **Night-shift workers** have <1/2 normal level.

TAMOXIFEN - EMR stops it from working.

http://lifeenergies.com/he-emr/

2012 – All Wireless Devices are Harmful

Washington DC, Oct. 2012: The world's leading researchers of wireless technologies, including Nobel Co-laureate Dr Devra Davis, discuss the biological effects.

These two videos include critical information about how all wireless technologies (cell phones, cordless phones, wifi, cell towers etc.) impact our lives and harm our health.

http://www.youtube.com/watch?v=Xtd-y2C9IH4&feature=endscreen&NR=1 http://www.youtube.com/watch?v=a6wLFeIrCtU&feature=related

M/W Ovens Are Dangerous!

Soviets have issued an international warning on the health hazards (both biological and environmental) of M/W ovens and similar frequency electronic devices (i.e. 2.4 GHz)

Health Effects of Microwave Radiation - Microwave Ovens by Lita Lee, Ph. D.

Microwave Ovens - Dangerous

If that doesn't scare you enough, what about the lawsuit in 1991 involving a woman who died after being given a transfusion of blood warmed in a microwave.

It is routine to warm blood for a transfusion, but not in a microwave. The blood in this case was changed into a toxic chemical.

www.guidetobodycleansing.com/microwaveovendanger.html

"Portable cellular telephones expose users to levels of radiation that are much higher than the levels allowed for microwave ovens, and that radiation is focused directly into the brain of each and every user."

2008 – "Cell Phones – Russian Roulette" Robert C. Kane

"Researchers have reported that from 50 % to more than 90% of the RF energy is absorbed by the user instead of being transmitted into the atmosphere."

2012 - Italian Supreme Court Links Tumor to Cell Phone

Italy's Supreme Court sides with a businessman who developed a tumor after using a cell phone for 12 years. This is the first time that a High Court —in any country— has ruled in favor of a link between mobile phone radiation and tumor development!

www.theatlantic.com/health/archive/2012/10/italian-supr...

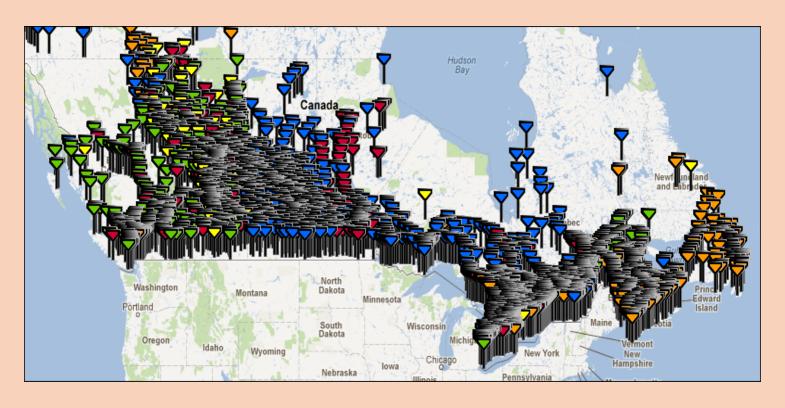
2012 – Two Cell Towers 7 Cases of Cancer

British cell phone company ordered to remove 2 cell towers from 5-story building: 7 residents struck down by cancer. Three died; another 4 have battled the disease since masts were erected on roof.

Known as the Tower of Doom, the cancer rate on the top floor is 20%, 10 times national average!

http://www.agoracosmopolitan.com/home/Frontpage/2008/02/01/02182.html

Cell Phone Towers Canada



Google: "Cell Towers Canada"

Siting of Cell Phone Towers Canada

Federal jurisdiction.

No permits are required.

Municipalities "consulted" if tower is

15 meter or higher.

Telco's now installing towers

14.9m - NO consultation needed!

http://rense.com/general63/cel.htm

Cell Phones

- <u>6-Billion</u> in world (2011)!
- Scientists have now studied <u>EMR</u> for <u>30+ yrs</u>.
- Know latency period is <u>10 30 yrs.</u>
- Brain cancers increased <u>50%</u> in 10 yr period 1999-2009!
- Blackberry advises users: keep phone 0.98" from head Or any part of body!
- Apple advises users: keep phone <u>5/8</u>" from head ... or any part of body!
- Motorola advises users; Keep phone 1⁷⁷ from body and don't point phone at any part of body!
- Don't use cell phone <u>inside vehicles</u> more radiation!
- Child's head absorbs <u>5X</u> more radiation than an adult's.

Transmitter Distances

Wi-Max Towers - 50 Km

<u>Cell Towers</u> - < <u>40 km</u>

Spacing: 2-3 Miles (suburbs) 1/4-1/2 miles apart (hi-density)

<u>Cell Phones</u> - < <u>5 Km</u>

<u>Cordless Phones</u> – < <u>200 meters outdoors</u>

Wi-Fi Routers: 802.11(a) 50', (b) 150', (g) 150' or (n) 1450'

Baby Monitors: > 2000 feet!

BlueTooth - <10 meters

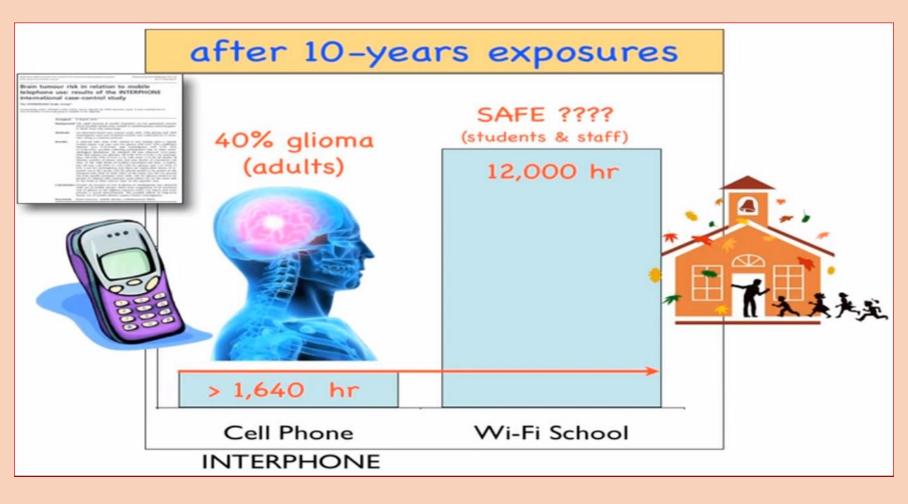
Smart Meters: 1) LAN < <u>3 Km</u>;

2) ZigBee: < <u>246 feet</u>

Cell Phones and Cancer

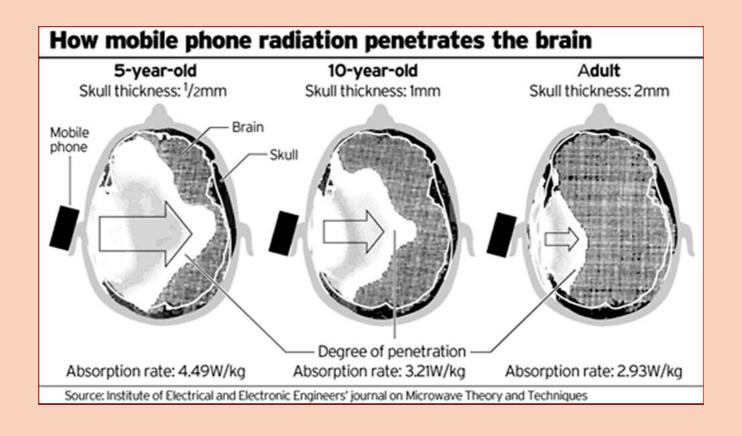


Wi-Fi in Schools is Safe?



http://www.youtube.com/watch?v=6v75sKAUFdc

Cell Phone Radiation Penetration of a Human Head



"Portable cellular telephones expose users to levels of radiation that are much higher than the levels allowed for microwave ovens, and that radiation is focused directly into the brain of each and every user."

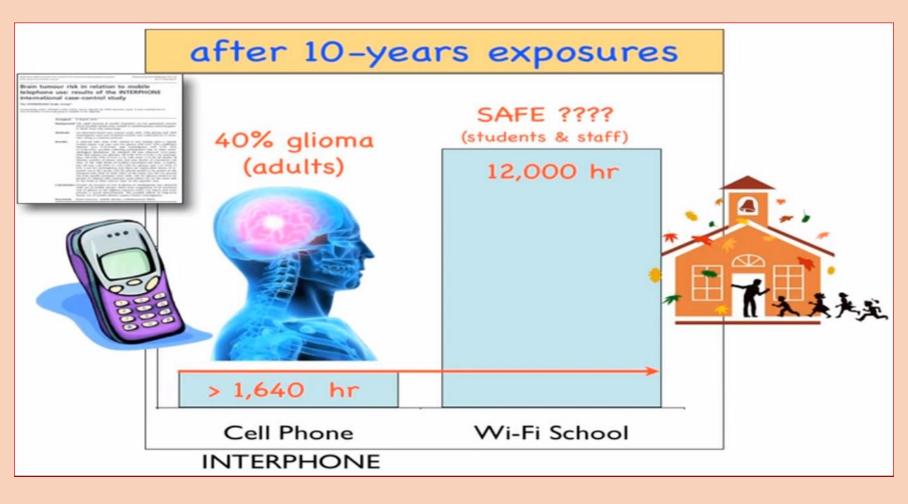
2008 – "Cell Phones – Russian Roulette" Robert C. Kane

"Researchers have reported that from 50 % to more than 90% of the RF energy is absorbed by the user instead of being transmitted into the atmosphere."

Cell Phones

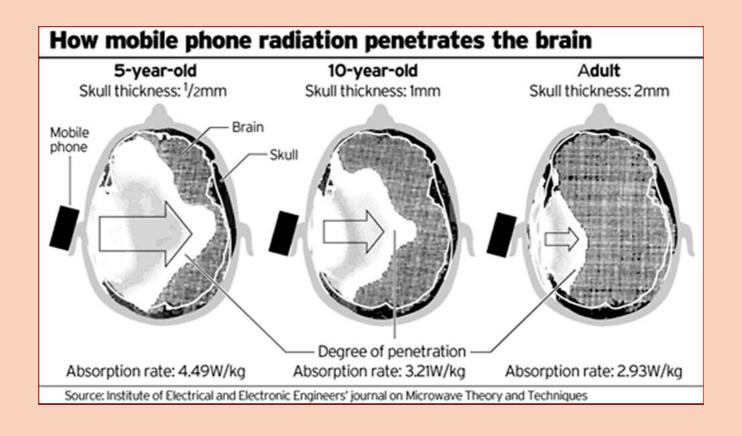
- **6-Billion** in world (2011)!
- Scientists have now studied <u>EMR</u> for <u>30+ yrs</u>.
- Know latency period is <u>10 30 yrs.</u>
- Brain cancers increased <u>50%</u> in 10 yr period 1999-2009!
- Blackberry advises users: keep phone 0.98" from head Or any part of body!
- **Apple** advises users: keep phone **5/8**" from head ... or any part of body!
- Motorola advises users; Keep phone 1" from body and don't point phone at any part of body!
- Don't use cell phone <u>inside vehicles</u> more radiation!
- Child's head absorbs <u>5X</u> more radiation than an adult's.

Wi-Fi in Schools is Safe?



http://www.youtube.com/watch?v=6v75sKAUFdc

Cell Phone Radiation Penetration of a Human Head



BioInitiative Report - 2012

Says ... radiofrequency should be classified as a <u>HUMAN CARCINOGEN</u> ... existing FCC, IEEE and ICNIRP guidelines ... <u>do not protect the public!</u>

Recommends Exposure Limit for CHRONIC EXPOSURE > 3-6 million times lower/safer than Safety Code 6! (i.e. 0.3-0.6 nW/cm2 vs 1000 uW/cm2)

Five new cell tower studies report bioeffects from ELF at levels 1,000 to 10,000 times lower than current Exposure Limits provide for.

INSURANCE

Two of the world's largest insurance companies, Lloyds and Swiss Re, have recommended to other insurance Companies, on the advice of Dr Theodore Litivitz, Professor Emeritus of Physics at the Catholic University of America, to write in exclusion clauses against paying compensation for illnesses caused by continuous long-term low level radiation.

http://www.planningsanity.co.uk/reports/trower.htm

\$Billions in Profit for the Government

The Cellular Communication industry generates billions in profit and in revenue for the government. It is linked to retirement funds, media, banking giants, entertainment industries, the educational market, the music industry and medicine. If enough news stories broke, and significant doubt in citizens replaced their complacent routine use of cell phones, the Industry would be forced to redesign wireless technology for safety and not just with more bells and whistles.

http://www.francesfox.com/enwhat-read-harmful-effects-cell-towers-cell-phones/

"Trojan Horse"



SMART METERS

Bill 17 – 2010

"CLEAN ENERGY ACT"

BC Utilities - Chose "WIRELESS"

Japan, France*, Idaho, Tennessee, Virginia - Chose Fiber Optic Cable

Italy – Chose <u>Power Line Carrier</u>

HEALTH CANADA

(Tobacco, Asbestos, DDT, Lead)

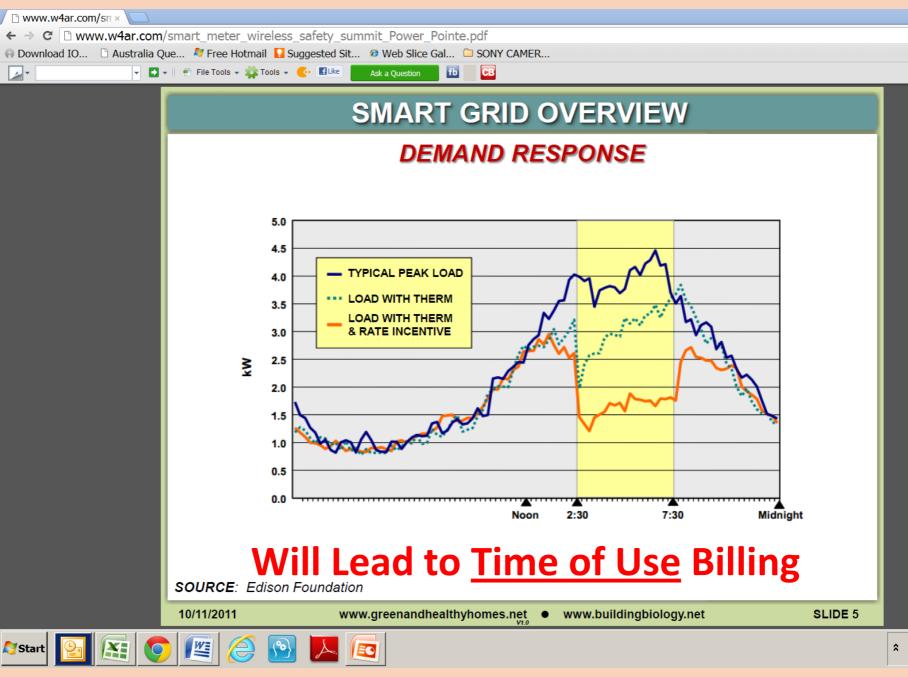
Safety Code 6"Guidelines"

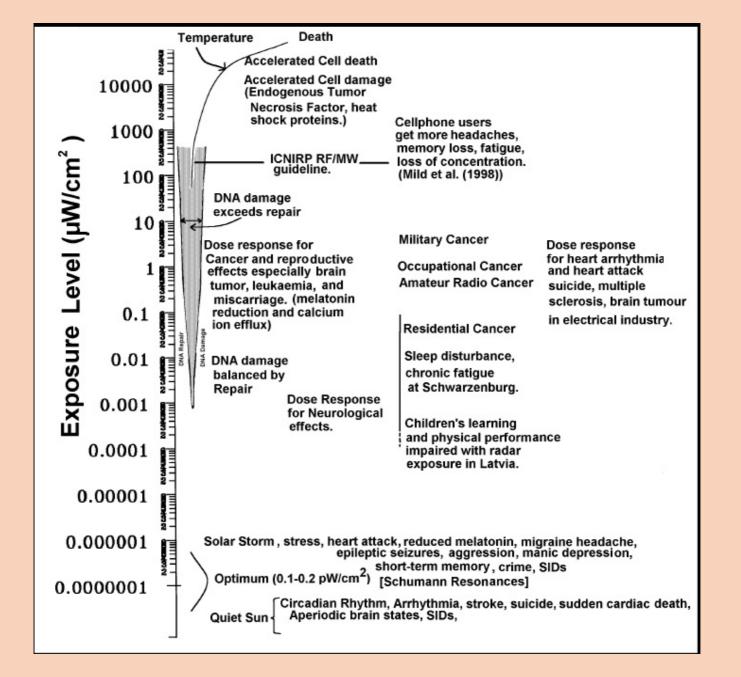
- Canada has <u>NEVER</u> done its own studies
 - Simply adopted <u>INDUSTRY</u> studies
- Which protect against <u>THERMAL</u> effects
- Ignore Non Thermal /Biogogical Effects

Feb. 20, 2013 - Health Canada Admits You/We Are NOT Protected!

In the Superior Court of Quebec, Health Canada finally admitted that Safety Code 6 for frequencies between 100 kHz and 300 GHz is based ONLY on heating and that the "non-thermal" effects of EMR are considered ONLY for frequencies between 3 and 100 kHz!

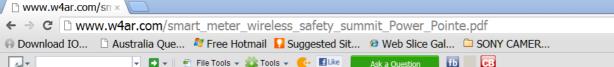
http://www.magdahavas.com/health-canada-admits-safety-code-6-guideline-formicrowave-radiation-is-based-only-on-thermal-effects/





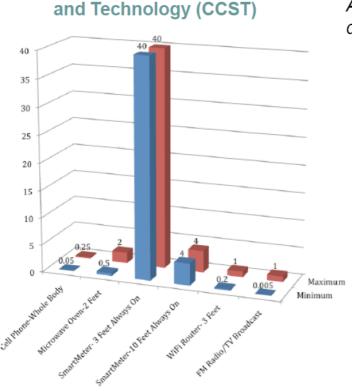
Smart Meters vs Cell Phones

- Fortis BC (like all utilities) says: one can stand next to a Smart Meter for <u>20 years</u> and receive no more radiation than from a <u>30 minute</u> cell phone call.
- Dr. Daniel Hirsch, PhD. U. of C. says: whole body radiation from a Smart Meter equates to from 45 to 450 times more than a cell phone depending on one's distance from the Smart Meter.
- mapawatt.com/2012/02/12/are-smart-meters-safe/



California Council on Science

SMART METER EXPOSURE LEVELS



After correcting for duty cycle and dissimilar units....

Cumulative whole body exposure of **Smart Meters is two** orders of magnitude higher than cell phones.

SOURCE: Daniel Hirsch, Comments on the Draft Report by the California Council on Science and Technology "Health Impacts of Radio Frequency from Smart Meters", 31 January 2011

10/11/2011

www.greenandhealthyhomes.net • www.buildingbiology.net

SLIDE 22



















Smart Meter Radiation Kills Plants



Smart Meters vs Cell Phones

Fortis Says: On average, a meter transmits customer data 4 to 6 times a day, for a total average of one minute per day.

Pacific Gas & Electric in a California Court of Law admitted that on average a meter <u>pulses</u> 14,000 times per day to a maximum of 190,000 and a peak power level 2-1/2 times higher than the stated safety signal, which is 10X more <u>powerful than a cell phone!</u> Even this does not include the ZigBee-related EMR from the 15-orso "smart" appliances, nor the Collector EMR, nor the incalculable "<u>relays</u>" that would occur.

Utility Executives Tell the Truth at CA. Public Utilities Commission

Silver Spring Networks executives admitted **SmartMeters are transmitting continuously 24/7.** Even though they only upload usage information 6 times per day to PG&E, they are continuously 'chatting' with each other 24/7 every few seconds in order to authenticate and keep the network synchronized. 90% of the meter chatter is to keep the network synched up - radiation that has nothing to do with customer energy usage

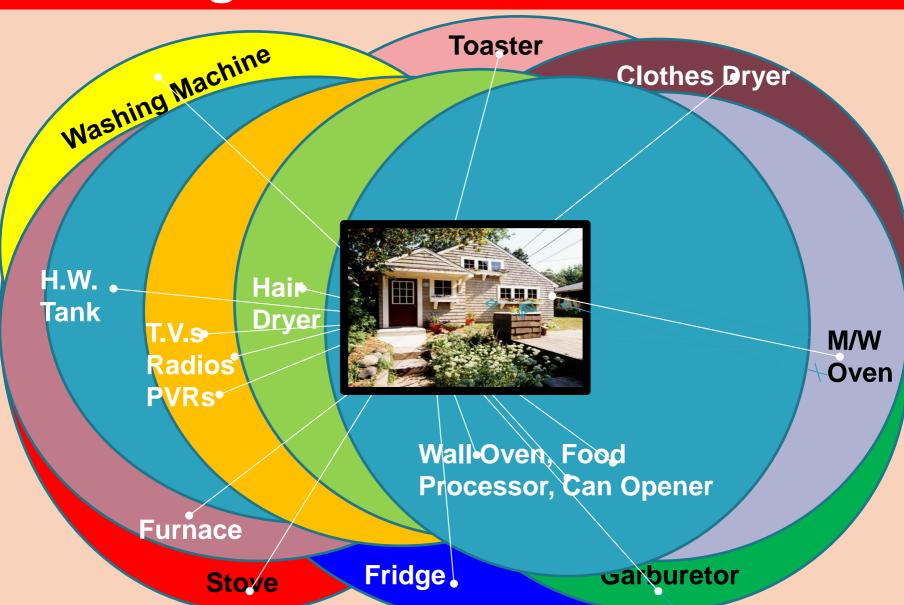
http://stopsmartmeters.org/2011/09/15/utility-and-smart-meter-tech-company-

executives-get-grilled-by-the-public

ZIGBEE RADIO – 2.4 GHz controls and talks back and forth to 15-or-so pulsing M/W appliances



Your ZigBee 2.4 GHz Transmitters



Where Industry Wants to Take Us – via ZigBee



http://www.appliancedesign.com/articles/93524-smart-grid-connecting-in



On February 6, 2013, Pike Research announced the results of their latest **smart appliances** study, which found that they will grow from \$613 million in 2012 to \$34.9 billion annually in 2020.

<u>www.pikeresearch.com/newsroom/smart-appliance-market-to-reach-nearly-35-billion-annually-by-2020</u>

The Smart Meter Lie: What Utilties Don't & Won't Tell You

Every home will have 15-or-more 'smart' appliances, i.e., 17+ pulsing M/W transmitters - 16 operating on same frequency as your M/W oven: 2.4 GHz! The 17th transmitter, the LAN, radiates for up to 3 Km, i.e., every home will radiate and be radiated by - every other home in the entire community! Smart Meters have a Kill-Switch!

How a "Meshed-grid" Works

```
500 homes = 500 Smart Meters = 1,000 Tx/Rx circuits:
a) 500 LAN Tx/Rx (910 MHz, .5 Watts ERP) +
b) 500 "ZigBee" Tx/Rx (2.4 GHz, 186 mW ERP
Homes are expected to have 15-or-so "Smart"
appliances," each with its own 2.4 GHz Tx/Rx for a total of 7,500 "smart" appliances.
```

- Plus "Collector" meter, with 3 Tx/Rx, 3rd being <u>WWAN</u> (850 MHz). Homes will endure <500 relays on <u>every</u> transmission in BOTH directions!
- All 8,503 Tx/Rx in community emit pulsed M/W radiation 8,001 on same M/W oven frequency but all of these are <u>PULSED</u>!

FORTIS BC Says:

Smart Meters will help keep rates lower ... save customers >\$19 million (less electricity theft) and lower meter reading costs.

FACTS

CBC Survey of Toronto – >80% higher bills!

- Many report monthly bills doubling, tripling & even quadrupling!
- Analogue meters cost \$50 & last 30-50 yrs
- Smart Meters cost <\$500 & last <8 to 12 yrs
- Smart Meters have caused countless fires

The Canadian Smart Grid Standards: Privacy of Customer Data

Third-Party Access to Customer and Utility Data: Beyond the Smart Grid Privacy Principles are the detailed protocols and ground rules by which third-party service providers may access customer data and receive data on the customer's behalf from their local utility. In Ontario, this issue has risen to prominence; an emerging class of private-sector players has expressed interest in accessing real-time smart metering data to provide a burgeoning array of Smart Home products and services. Section 5 of this report also includes a technical approach to resolve this access issue in a safe and secure manner. The Task Force notes that the North American Energy Standards Board (NAESB) 17 has just concluded the development of a comprehensive set of detailed recommendations regarding the division of responsibility between third parties and utility companies that warrant a close examination by regulators and the Canadian electricity industry.

Standards Council of Canada

http://www.scc.ca/sites/default/files/publications/Smart-Grid-Report_FINALOCT2_EN.pdf

2012 – Home Insurance Better Check

Will Smart Meters invalidate your homeowners insurance?

They are <u>neither</u> UL (Underwriters Laboratory) tested nor CSA (Canadian Standards Association) approved.

http://beforeitsnews.com/energy/2012/03/smart-meters-can-invalidate-your-homeowners-insurance-1839410.html

Home Invasion – Security

CRIMINALS no longer need to stake out a home or a business to monitor the inhabitants' comings and goings. Now they can simply pick up wireless signals broadcast by the building's utility meters.

"http://www.newscientist.com/article/mg21628875.300-wireless-meters-tell-snoopers-when-you-are-not-home.html

Plummeting House Prices

Due to high ELF and EMF

In addition to long-term health concerns, buying a house or living in a house with high fields will be an economic disaster. In a few years, when power line radiation is as well known as asbestos and radon, a house near power lines or with high fields will be practically impossible to sell.

Business Week writes that there are over 100 lawsuits regarding power lines and property devaluation.

http://www.concernedcitizensmontana.net/Publish/Appraisal.groupone.pdf

Opposition to Smart Meters

- B.C. <u>59</u> Municipalities & UBCM want moratorium.
- Quebec Allows Opt Out (for \$\$\$\$)
- **Holland Voluntary**
- California <u>57</u> Municipalities, of which <u>11</u> have passed ordinances making installations <u>illegal</u>, 2 of which proclaimed them <u>criminal!</u>
- Attorneys General of Connecticut & Illinois denied their utilities to install SMs as costs can't be justified.

<u>Wikipedia</u>) Nordic Countries – SMs

2012 - Smart Meters Unethical Experiment

Dr. Eilhu Richter, M.D., an associate professor at Hebrew University-Hadassah, has said, "Were these population-wide exposures to smart meters to be a part of a project carried out in a medical setting, to test the risks and benefits of a new technology on human health and well-being, it would be rejected... as an unethical exercise in human experimentation."

http://www.wnd.com/2012/12/health-hazards-linked-to-utility-meters/

EMR - The Nuremberg Code

In essence, it says: a person being experimented upon must first:

- give their consent free from force, fraud, deceit, duress or coercion;
- have sufficient knowledge of what is happening; and
- know the possible effects upon one's health.

It is the responsibility of BC Hydro and Fortis BC to ensure that the public are aware of and fully understand what is happening to them and what, if any, possible risks to them might be involved.

EMR is GENOCIDE

2012"This industry and those parts of governments which are encouraging them will be responsible for killing more people than all those killed in the entire 2nd World War! This will be the worst genocide this planet has ever known – not just people, but plants and animals.

2013 The U.K., U.S., Canadian and Australian governments are lying to the public to protect themselves against lawsuits and to make money for industry!"

Dr. Barrie Trower. www.ICAAT.org

National Security

No communications technology is more vulnerable or more defenseless than is a wireless radio system (Jerry Flynn)

Enemies:

Solar storms, solar flares & severe lightning storms; ECM and/or signal jamming by malcontents, organized criminals, terrorists, hostile nations, electronic warfare weapons, e.g., HAARP and EMPs, cyber attacks, etc. (Jerry Flynn)

Former U.S. C.I.A. Director James Woolsley (Oct 13, 2012)

"The utilities don't want to talk about this but 17 of our (USA's) 18 national critical infrastructure sectors depend on electricity, including our power grid and all but one of our military bases. If the grid goes down - we don't even want to think about it. We're so vulnerable to cyberattack and any number of other threats."

CHINA Electronic Warfare & Cyber Warfare

The PLA (peoples' liberation army) has developed a doctrine of "Integrated Network Electronic Warfare," similar to the Soviet concept of Radio Electronic Combat, with the goal of degrading the enemy through EW, cyber, and space warfare before a shot is fired. The Chinese hacking threat is so common that the security industry has a new euphemism for the country, an "Advanced **Persistent Threat.**"

http://www.iwp.edu/news_publications/detail/colonel-larry-wortzel-discussesmilitary-strategy-and-china-today

CHINA Electronic Warfare & Cyber Warfare

The PLA (peoples' liberation army) has developed a doctrine of "Integrated Network Electronic Warfare," similar to the Soviet concept of Radio Electronic Combat, with the goal of degrading the enemy through EW, cyber, and space warfare before a shot is fired. The Chinese hacking threat is so common that the security industry has a new euphemism for the country, an "Advanced **Persistent Threat.**"

http://www.iwp.edu/news_publications/detail/colonel-larry-wortzel-discussesmilitary-strategy-and-china-today

Conclusion

Scientific evidence leaves no doubt that EMR poses the biggest single threat to humans and all other life forms in Canada's entire history and, in the case of Smart Meters, to our personal privacy and safety, and to our country's national security! Governments must be made to divorce themselves from industry and instead protect the public. But this will not happen unless YOU STAND UP and YOU

SPEAK OUT!

Reference Web Sites

```
http://lifeenergies.com/he-emr/
Google: "Resonance – Beings of Frequency"
       Google: "Dietrich Klinghardt"
    www.citizensforsafetechnology.org
       www.stopsmartmeters.bc.ca
   www.rense.com/general71/repe.htm
          www.magdahavas.org
      Google: "Dr. David O.Carpenter"
     Google: "Dr. Andrew Michrowski"
Google: "Microwave Warfare - Barrie Trower"
        www.microwavenews.com
         www.sageassociates.net
       Google: Dr. Devra Davis, Ph.D.
```