



## CHEMTRAILS, WIRELESS AND YOU

By William Thomas

Next time you're on a cellphone looking up at those long lingering plumes spreading across the sky, you might decide to end that call. If you spot any cell towers, roof-mounted transmitters or high-voltage power lines within a mile of your location, you may wish to evacuate the area immediately. And once home, you will want to permanently disconnect all wireless devices, including computer routers and "always-on" portable phone cradles. Because what you see in the sky is what you breathe. And chances are you've been breathing barium for more than a decade.

Barium conducts electromagnetic energy.



### BLAME IT ON CAPT. KIRK

Ever since Captain Kirk teleported to the surface of an alien planet and whipped out his portable communicator, everyone Earthside wanted one. And the telecos gave us flip-phones. Along with compulsive texting, streaming video, online gaming and banking, the worldwide web and more.

It took more than 20 years to connect the first billion subscribers. But only another 40 months to connect the second billion. The three billionth "user" placed a cell phone call just 24 months after that.

Never before in human history have so many embraced such risky technology so fast.



Sending some [200,000 texts every second, more than 90%](#) of this wireless-addicted world now has access to mobile networks – and all the radiation they emit. [AT&T alone handles 500 million text messages every day.](#) The International Telecommunications Union now counts more than [6 billion cellphone subscriptions worldwide.](#)

“Penetration rates” are way up. In Toronto alone, there are 7,500 cell towers. In the USA: [over 190,000.](#)

## BIOELECTRIC BEINGS

Everyone fixated on Captain Kirk’s hand phaser. But his wireless communicator was the real ray gun that could not be dialled down.

Cell phones and “cellular networks” are aptly named. Every transmission disrupts your cells directly. “Human beings are bioelectrical systems. Our hearts and brains are regulated by internal bioelectrical signals. Environmental exposures to artificial EMFs can interact with fundamental biological processes in the human body,” states the landmark [BioInitiative metastudy.](#)

As former microwave warfare expert Barry Trower points out, an invisible ocean of electromagnetic waves from radio, radar and TV transmissions, cell towers, smart grids and overhead power cables travelling at the speed of light – [“can all be reflected and refracted”](#) by metal appliances, rain, snow, glass and conductive materials deliberately sprayed into the air.

All of these uncounted energy particles travel at a light-speed velocity that can circle the world “nearly seven times every second.” That’s enough mass and momentum to change the vibration and spin of every molecule in your body.

Since our humming bodies, brains and hearts depend on extremely subtle electrical signals, we may not wish to disrupt the whispering frequencies of life in a wireless cacophony of pulsating frequencies never before encountered on this 4.5 billion-year-old planet.

## YOU ARE AN ANTENNA

A water-filled upright human is a sizeable antenna. And since all moving electrons generate electrical current, all those electromagnetic waves inundating our everyday lives pass into our bodies, where they *each* generate an electric current. These induced electric currents change the charge on which our complex bioelectrical body/brain/heart network operates to maintain our health and vitality.

Changing the charge on hormones and antibodies in the blood and neurotransmitters in the brain can send them to the wrong place. Altering the -30 milliVolt charge that makes cell membranes permeable may also lock out essential nutrients, while the wastes produced by cell metabolism remain trapped inside the cell to rot – producing highly corrosive hydrogen peroxide.

Like the battery you made in science class, our amazing cellular pumps generate up to a 100 milliVolt charge through the second-by-second interchange of sodium, potassium and calcium ions. Messing with those molecules will mess with you.

Removing electrons impedes cellular function. Canceling the cell’s electrical potential by removing calcium ions makes cells leak. Toxins outside the cell can enter, but waste products building up in the nucleus cannot be jettisoned. The internal inflammation resulting from wireless exposure also releases histamine, resulting in skin reactions and allergic hypersensitivity.

[Microwaves at 1/10th British safety guidelines emit frequencies causing the biggest changes in cell calcium levels.](#)

Keep suppressing your immune system through constant exposure to radiation from everyday wireless gadgets and grids, Trower warns, and you are guaranteed to have “more colds, more coughs, longer colds, longer coughs, longer illnesses, depression, anxiety leading to suicide or taken to its ultimate – leukaemia.”

And when confronted by rain, snow, or the new geoengineered “hard snow” – signal strength from all transmitters *increases* to compensate.

Even before adding highly conductive chemtrails.



#### WIRELESS HEADACHES

Headaches from cell phones and other wireless devices (as well as all those “buzzings, knockings, clicks or chirps,” Stewart Fist reminds us), stem from microwave-induced leakage of harmful molecules through the blood-brain barrier. [Electronics Australia Magazine Feb/00]

At *one-ten-thousands* of a watt, the blood-brain barrier opens, allowing blood proteins inside to disrupt brain signals and start killing brain cells. A cell phone typically transmits at 2 watts.

Just *two minutes* on a cell phone, or sitting near a wireless computer router or portable

phone cradle, shorts-circuits the electrical ion activity powering the blood-brain barrier. This allows proteins and other blood toxins (including nano-size particulates from “open air” military experiments) to enter the brain and [resume damaging neurons](#) in thinking and memory centers. Dr. Leif Salford is finding “astonishing number of dead neuron cells, actually suffering holes in their brains from the damage” caused by a single cell phone call.

No wonder wireless-altered brains lead to lack of concentration, memory loss, aggressive behavior, accelerated aging, impaired learning ability and dementia. Lesions in the hippocampus and shrunken amygdala are also strongly linked to aggression, anxiety and depression – the [biggest mental health complaint in North America today.](#)

Fibrils of proteins clumping in electromagnetically-altered brains are an identifying characteristic of Alzheimer’s, Early Onset Alzheimer’s, Parkinson’s, Fibromyalgia, Multiple Sclerosis and cancer patients.

The body defends against wireless radiation by creating a protective carapace of heat stress proteins around overheated cells. This process also shields cancer cells from the body’s immune defenses, allowing cancers to proliferate unchecked.

“There is strong evidence that... microwaves are associated with accelerated aging (enhanced cell death and cancer) and moods, depression, suicide, anger, rage and violence, primarily through alteration of cellular calcium ions and the melatonin/serotonin balance,” writes veteran EMF researcher Dr. Neil Cherry in New Zealand.

## SO FAR SO BAD

While hundreds of millions of wireless addicts insist that nothing negative is happening, the effects of this invisible plague are worsening. In the United States, *one in six children* currently suffers neurological disability.

But In their relentless quest for better wireless penetration through underground stores and parking lots, telecos are bringing even more damaging lower frequency personal and relay transmitters. With the much heralded new 4G LTE networks and devices “producing a waveform that maximises radiation absorption for 3-6 year olds,” writes Simon Best, the accelerating trend is straight up. Until populations crash.



4G LTE is known as TETRA in the UK and EU. A new British government report states: “Someone using a TETRA handset will be receiving between 2 and 4 times as much power or energy as if they were using a mobile phone. The low frequency also means about double the penetration into the head.”

4G TETRA “is also close to the peak frequency that triggers calcium e-flux in the brain, which in turn affects apoptosis (programmed cell death) which can initiate cancer development,” Best adds. “Consider that you are talking about cumulative pulsed microwave radiation into your head, eyes and other organs possibly everyday for the rest of your life.” [\[Caduceus Issue 51\]](#)



## CHECKING OUT

The electrosmog blanketing cities worldwide would resemble the murky view from Shanghai’s high-rise windows *if it were visible*. Just add micro-particulate fallout from undisclosed aerosol spray programs and [one in three people can expect to be diagnosed with asthma](#). These are the same odds as developing diabetes and cancer.

Low frequencies are directly linked with epidemic rates of dementia that threaten to bankrupt Canada, the USA and much of the world within a few decades – just as the challenges and costs of crop killing climate shift, sea-level rise and increasingly costly oil will require all the smarts and cash we can muster.

According to Canada's Alzheimer Society, "dementia is already the most significant cause of disability among Canadians over the age of 65."

In Europe, 38% of the population suffers from depression, anxiety, insomnia or dementia – at a financial cost of more than 386 billion euros (\$555 billion) a year. "Mental disorders have become Europe's largest health challenge of the 21st century," conclude the authors of a recent study. [Reuters Sept 4 /11]



"The scope of the looming medical-care disaster is beyond comparison with anything that has been faced during the entire history of humanity," declares dementia expert Dr. Barry Greenberg in Toronto.

["The medical-care system is going to be bankrupt by 2050 if we don't figure out a way to delay or treat Alzheimer's disease,"](#) echoes U.S. health and human services secretary, Kathleen Sebelius.

Eight years ago, dementia was costing global economies around \$315 billion a year. Those stricken by progressive brain erasure are expected to almost double by 2030. By 2050 the number of sufferers could be more than *three-times* current numbers. The only environmental change big enough to account for such staggering numbers is the concurrent growth in brain-damaging wireless machines and mesh networks.

Brain cell membranes made leaky by electromagnetic radiation exposure create enough energy to excite neurons into hair-trigger mode, overloading hyperactive brains. [More than 1 in 10](#) children in the United States are currently diagnosed with Attention Deficit/Hyperactivity Disorder. Childhood ADHD has [jumped nearly 25%](#) over the past decade of ever-increasing mercury levels in vaccinations and coal-fired power plant pollution, sugar and wireless use.

[Microwave energy at just 1 microwatt per square-centimeter – one-tenth of industry guidelines – disturb normal calcium ion efflux in the brain,](#) warns former UK government wireless adviser Andrew Goldsworthy.

Autism can result when wireless disruption of dedicated ion channels permanently alters brains. A *6,000% increase in autism* diagnosis in recent years has kept pace with the proliferation of wireless grids and gadgets.



#### BRAIN TUMOUR EPIDEMIC WORSENING AS WIRELESS EXPOSURE MOUNTS

Brain cancers are off the medical charts everywhere wireless networks reach. 1980 to 2000 saw [an increase of nearly 50% in the estimated number of new cases of Malignant Brain/Central Nervous System tumors in the United States.](#)

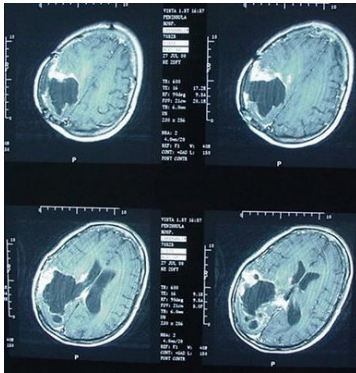
In the heavily-chemtrailed UK, malignant brain tumors are the second leading cause of death in children under age 15 and young adults under the age of 34. In Australia, they're *number one.* [Neurology Channel](#)

“Malignant primary brain tumours take more years off the average person’s life than any other cancer,” the [Telegraph](#) reports. “They are the most significant cause of cancer death amongst men under 45 and women under 35.

“Brain tumours are on the increase,” confirmed consulting neurosurgeon Kevin O’Neill in London four years ago. “In my unit we have seen the number of cases nearly double in the last year.” [Observer April 26/09]



Anyone who starts using wireless devices at any age can expect a 500% risk of developing brain cancer within 10 years – even sooner for children. Using cell *and* cordless phones is even worse.



“For such a risk to show up in cellphone users within 10 years, given what we know about brain tumours, which is that they can have a latency of 40 years, is deeply, deeply disturbing,” worries Dr. Devra Davis. [[MSN June 7/04; [Globe & Mail Sept 24/10](#)]

“We found that a single episode of RFR (Radio Frequency Radiation) exposure increases DNA damage in brain cells. Definitely, DNA damage in cells is cumulative. Stress effects are well known to cumulate over time,” Dr. Henry Lai told a conference in Vienna on RF Radiation Bioeffects in 1998.

No one in his audience had ever heard of chemtrails.





#### BYE BY BABIES

Up to 16% of North American couples are already experiencing infertility – a [near doubling](#) since 1992. In cell tower-festooned Delhi, one in four couples cannot conceive after trying for two years or longer. [TNN Aug 13/09]

Surviving sperm are increasingly found to be too damaged to achieve fertilisation.

At current rates, plummeting global sperm counts will hit 0 by 2048.





## PART II

### BARIUM BLUES

The 10-micron particles called for in the Hughes sunlight-management patent create condensation nuclei for sunlight-reflecting clouds at temperatures too warm and humidity too low for clouds to form naturally. Bright white barium is a more effective sunlight “scatterer” than glass.

Almost from the beginning of chemtrails consciousness, Clifford Carnicom began documenting high levels of reactive barium salts falling from chemtrails grids over Santa Fe, New Mexico. Carnicom claimed these salts are making the Earth more conductive.

He was right. In the fall of 2002, a long-time landscaper working for the City of Edmonton began noticing that carefully tended flowers and trees were showing signs of severe nutrient deficiencies. City specifications call for Electrical Conductivity readings no higher than “1” in local soils. But Dave Dickie’s soil samples tested for EC 4.6 to 7-times higher than this maximum permissible level.

Dickie wondered if elevated levels of electricity-conducting metals in the soils could be leading to the plants’ “chlorosis” condition. A \$33 lab test of snow samples collected in a sterilized container confirmed elevated levels of aluminum and barium. Norwest Labs lab report #336566 found:

- ❑ aluminum levels: 0.148 milligrams/litre
- ❑ barium levels: 0.006 milligrams/litre

Visiting friendly air traffic controller at the Edmonton airport, Dickie watched two KC-135 tankers tracked on radar as they circled the city at 34,000 and 36,000 feet. “The signature is significant,” commented a radar operator, putting his cursor on a chemical trail extending for miles behind a KC-135.



A JAL flight on the same display left no signature. Going outside, Dickie and several controllers scanned clear blue skies. They easily located the KC-135 leaving a broad, lingering white plume. They could also clearly see the JAL airliner at a similar flight level. It was leaving no trail at all. [[Chemtrails Confirmed 2010](#) by William Thomas]

More recently, widespread tree and fish die-offs in California are being blamed on abnormally high levels of barium and less conductive aluminum. At Lake Shasta, Francis Mangels, a retired soil conservationist and PhD wildlife biologist who worked for the U.S. Forest Service for over 35 years, told Dane Wigington that he blames pH over 10-times the alkalinity of normal soil on huge increases of aluminum oxide.



Wigington (at right) reports that normal background levels of aluminum oxide in the Mt. Shasta snow is 1/2 unit. (In this case, ug/l). Allowable aluminum in drinking water is 50 units. Government action is required at 1,000 units of detected aluminum.

The EPA-tested snow on Mt. Shasta shows aluminum at 61,100 units.

[Barium clocked in at an elevated 83 units.](#)

#### IN THE BEGINNING...

The barium-chemtrails connection was first demonstrated in the summer of 1999, when the residents of Espanola, Ontario began protesting respiratory problems and strange aches and pains they believed were connected with USAF planes spraying flesh-stinging particles thick as snow over the town. One fallout sample taken from a car windshield showed 80% highly-conductive quartz.

At .53 ppm, the level of aluminum oxide was 7-times more than the allowable threshold set by the Ontario government for drinking water. The government immediately raised those limits. The Canadian Forces responded to a federal Parliamentary petition saying, "It's not us."

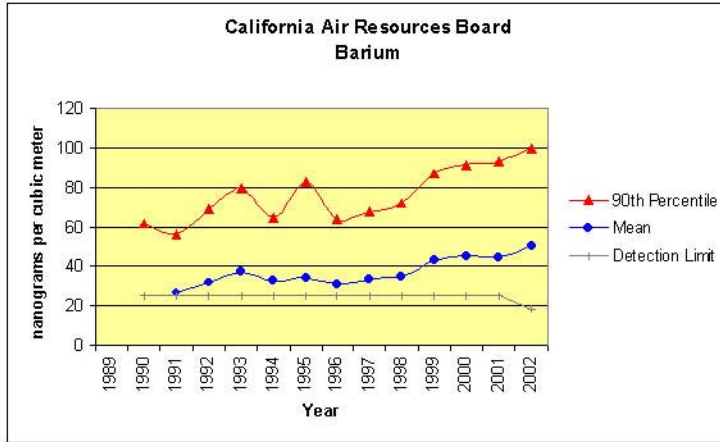
One resident noticed "a lot of depressed people in Espanola." In addition, "A lot of people here in town are complaining of short term memory loss." People can't remember simple errands, or where they parked their cars. It's become, he added without humor, "a running joke." [[Chemtrails Confirmed 2010](#)]



During a series of taped interviews before witnesses in March 2001, the federal ATC manager for the entire northeastern seaboard of the United States revealed that chemicals sprayed behind specially designated USAF tankers were degrading Air traffic Control radar returns. When asked whether the air force spray tankers cross into Canadian airspace, he replied "yes."

When asked the purpose of these missions, the FAA official said he was told "weather modification" after a "higher civil authority" ordered him to divert incoming trans-Atlantic airliners around military formations flying over 37,000 feet.

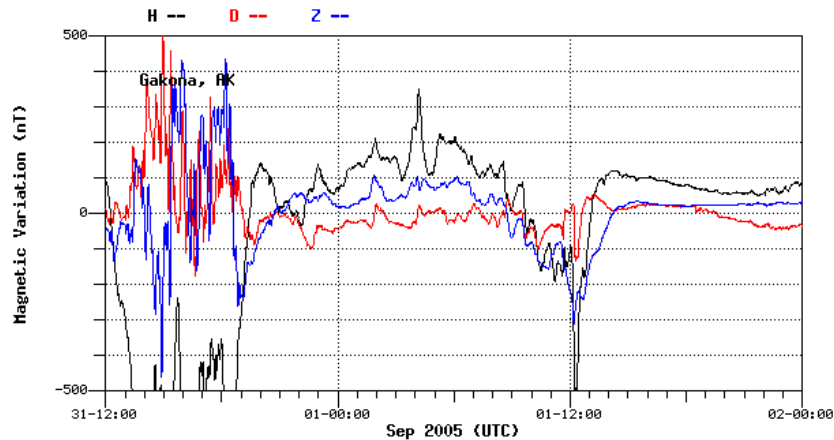
The explanation given controllers across the nation would be later changed to "climate modification". [[Chemtrails Confirmed 2010 – audio files](#)]



By July 2001, California state officials still could not explain why barium levels had *nearly doubled* since 1991. They still can't say why barium levels in soils and water are rising, when industrial barium pollution has all but vanished.

In March 2002, two Lawrence Livermore National Laboratory scientists at Wright Patterson Air Force Base told award-winning reporter Bob Fitrakis that they were involved in two aerial spray

programs. One spreads aluminum oxide in the upper atmosphere to reflect incoming sunlight and slow global warming. The other lays down barium stearate aerosols for "over the horizon" military communications, 3-D mapping and radar. Soapy rainwater on highways is a signature of barium salts, one scientist said.



HAARP spike as Katrina makes landfall in New Orleans

They also confirmed that HAARP transmissions from Alaska are being used to bend the jetstream and guide low-pressure systems "picked up" over Canada south into the United States. HAARP can bounce continuous pulsed microwave radiation "off the ionosphere to any community in the world and may cause cataracts, leukaemia, changes in blood brain chemistry, changes in blood sugar levels, blood pressure and heart rates," microwave weapons expert Barry Trower asserts.

"The paradox of course is how can one system of pulsed microwaved radiation be used as a weapon to cause illness or death and at the same frequency and a similar low intensity be used as a safe communications instrument."

#### PLEASE SPEAK TO YOUR CONDUCTOR

In 2005, six Japanese researchers investigated the piezoelectric properties of BaTiO<sub>3</sub>. They found that *the smaller the compounds of barium-strontium titanate electrolyte present in the atmosphere, the stronger their ability to conduct electricity through it.* This makes the 10-micron-size barium-strontium particles in chemtrails ideal electrical conductors. [Journal of Applied Physics]

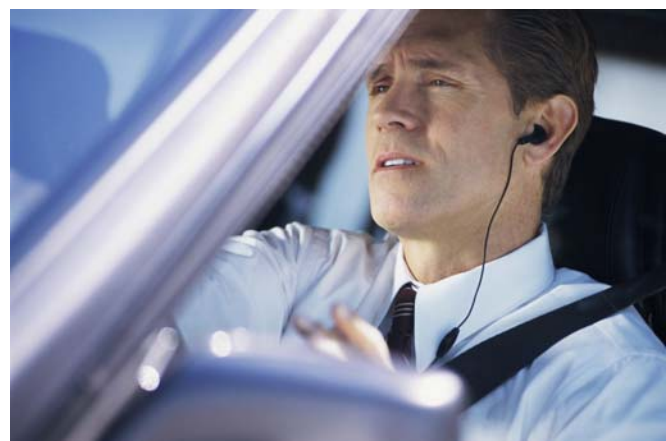
In 2008, a Louisiana newscast focused on barium, which the news station called a “hallmark of chemtrails.” When KSLA had chemtrail fallout analysed, the 6.8 ppm barium levels was “more than six times the toxic level set by the EPA.” The Louisiana Department of Environmental Quality confirmed that the high levels of Barium were “very unusual.”



Two years later, Arizona air particulates of aluminum and barium surged. Lab tests indicate how many times they are over the allowable toxic limit:

Aluminum: 15.8x  
Barium: 5.3x

Clifford Carnicom now states that the amount of Barium in our atmosphere exceeds by [eight-times the level deemed safe for humans to breathe](#). Smaller animals are simply out of luck. And, as Earth’s Sixth Great Extinction keeps rolling, maybe out of time.





#### MICROWAVE SICKNESS AND CHEMTRAIL RELATED ILLNESS

Embryos, fetuses, infants and children are especially vulnerable to pulsed wireless signals, which penetrate directly through their rapidly developing bodies and brains.

“Children who were exposed to cell phones before and/or after birth tended to have higher prevalence of emotional symptoms, behavioral problems, inattention, hyperactivity and problems with peers,” says prominent EMF researcher Professor Kjell Mild in Sweden. [Children and teenagers are five-times more likely to develop brain cancer if they use cell phones.](#)

Microwave Sickness is already of significant public concern in countries where wireless technologies were introduced some 10 years ahead of North America. “Hot spots” include Sweden, Denmark, France, Germany, Italy, Switzerland, Austria, Greece and Israel.

Sweden leads the pack. Data collected by the Swedish government has found that the introduction of cellphone technology nationwide in 1997 coincided with [an alarming increase in prostate cancer, brain tumors, melanomas and lung cancers. So did deaths from Alzheimer's, traffic accident injuries, sick leave rates, and the numbers of infants born with heart problems.](#) With a quarter-million residents now on permanent paid disability for microwave illness, [Sweden changes everything.](#) [Pathophysiology June/09]

Chemtrails are also reported over these countries.

Chemtrail Related Illness is specifically related to tiny barium particles. The EPA calls any 10-micron particles an “extreme human health hazard” for their propensity to inflame heart tissue.

By law, the labels on canisters of barium salts added to jet fuel to make chemtrails must read: “Harmful by inhalation – avoid contact with skin.”

Symptoms of barium poisoning listed in the World Health Organisation's *Barium Health And Safety Guide* include “dry mouth, lethargy, generalized weakness, abdominal pain, suppressed immunity, muscular twitching/spasms, lung inflammation, upper bronchial irritation, pulmonary edema, dry cough and shortness of breath” – all-too-familiar to chemtrail sufferers.

Gastrointestinal complaints are also widespread among chemtrail sufferers. This is hardly surprising since the Barium Health And Safety Guide observes, “Soluble salts of barium are absorbed rapidly from the gastrointestinal tract.”

Because it is well established that chronic RF/Microwave exposure can raise blood pressure and cause abnormal heartbeats, it is even more alarming to read: “Animal studies have found increased blood pressure and changes in the heart from ingesting barium over a long time.” [Barium Health And Safety Guide issued by WHO, 1991]

Since maintaining proper potassium levels is essential to maintaining proper voltages in and between human cells, it is even more alarming to read: “Acute effects of barium ingestion include the rapid onset of abnormally low potassium levels in the blood.” The resulting reduced cellular conductivity means less oxygen in the bloodstream and a more acidic pH level.

[Ba\[rium\] intoxications disturb the sodium-potassium ion pump – another key feature of the MS profile](#), chimes in the National Institute of Health. Since Multiple Sclerosis is also linked to nerve damage from exposure to electromagnetic radiation, barium chemtrails now appear to be even more dangerous than previously feared.

Then there’s the Big C. Even as EMR-linked brain cancer and auto-immune disease rates are exploding, barium shuts down immune systems and “blocks all modes of T cell activation,” [Clinical Experimental Immunology](#) reported in May 1989.

Many of the symptoms commonly reported following exposure to chemtrail fallout mirror symptoms of Microwave and Radio Frequency exposure. This suggests a powerfully *synergistic effect* between the impacts of microscopic particles less than 1/10<sup>th</sup> diameter of a human hair and electromagnetic radiation on human health.

Widespread common complaints of Chemtrail Related Illness and Microwave Sickness include, but are not limited to:

- aching joints
  - asthma attacks
  - fierce headaches
  - sudden dizziness
  - rashes and sores
  - gastro-intestinal discomfort
  - persistent dry hacking cough
  - inability to concentrate or remember simple things
  - heart flutter, inflammation, stoppage
- [\[Chemtrails Confirmed 2010; tuberose.com\]](#)



“Cell phones have enjoyed exceptional freedom from government oversight and control to protect against health and environmental hazards,” comments Dr. John Wargo, professor of Environmental Risk and Policy at Yale University.

Just like chemtrails.





**CALLING ALL BARIUM CHEMTRAILS**  
 After winning the German and European Solar prizes for his hometown solar energy projects, former Greenpeace activist Werner Altnickel warns that the stratosphere is being sprayed with chemicals and metals as a means to slow climate change, manipulate the weather and [create inductive fields](#).

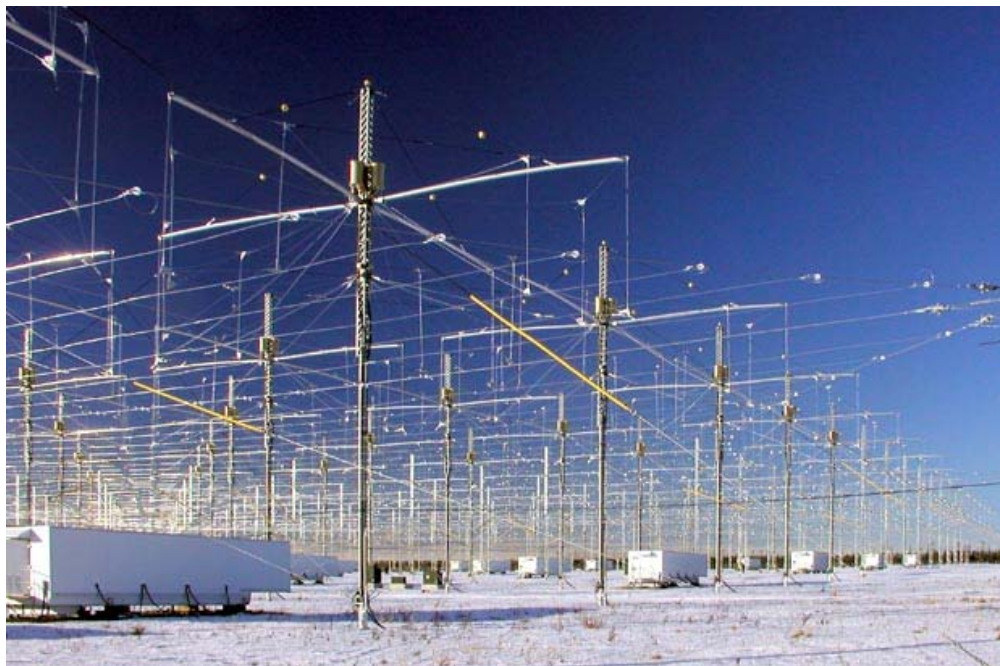
Based on a complex conductivity equation known as the [VTRPE](#), the USAF continues to spread barium into the upper atmosphere to “duct” electromagnetic energy over-the-horizon. As a physicist from Brookhaven explains, ["The mixture of barium salt from the](#)

[aerosol when sprayed in a straight line will also provide a ducting path from point A to point B and will enable high frequency communications along that path, even over the curvature of the Earth, in both directions."](#)

This scientist never speculates on how ingested or inhaled barium inhibits essential electrical potentials flowing between and within your 10 trillion whispering cells. But warnings issued to persons with metal implants emphasise that implanted (or ingested) metals heat up as they absorb microwave radiation, before *re-emitting that energy through the body at a different wavelength*.

This process is called superheterodyning. “Superhet” is the unintended nightmare that occurs when different frequencies intersect and piggyback on each other, forming unanticipated frequencies and signal strengths.

Eminent scientists “are still trying to agree on the best way to calculate these multiple waves,” Trower writes. To really mix-mash these frequencies, just add powerful electrolytes to chemtrails and spray them into skies almost everywhere.



Even if commercial wireless frequencies are not conducted as coherent signals by chemtrails specifically “tuned” to HAARP frequencies, all commercial RF/Microwave energy *is* going to be randomly confabulated and conducted by the barium-strontium chemtrail mix. These include the Radio Frequencies and microwaves invisibly gushing from more than [13,938 AM and FM transmitters](#) and [6,954 UHF and VHF TV transmitters](#) in the USA alone.

Meanwhile, U.S. military aircraft, vehicles and ground stations contribute another [600 different types](#) of powerful transmitters, ranging from aircraft radars and jamming systems to search and spacetrack radars, ground surveillance radars, HF radio transmitters, [military spy sats](#) beaming X-band and Ka-band radar frequency emissions – and much more.

If you think this is too much electromagnetic radiation for any body/brain to handle, you’re right. By 1971, a recently declassified U.S. Navy document summarized more than [2,300 studies describing health effects from microwave radiation](#). Today, more than [6,000 studies connect wireless and other EMR with more than 122 biological effects](#).

Total number of scientific studies on the potential effects on humans, animals, plants and insects from electrically-conductive contrails: zero.

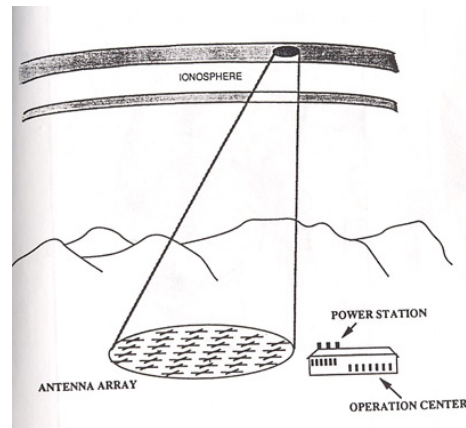
### THERE IS NO DUCKING DUCTING

With highly conductive barium chemtrails being spread to propagate HAARP and other military radio and radar transmissions over the horizon, chemical “antennas” spread over urban centres are also ducting, amplifying and altering already dangerously high levels of Radio Frequency and microwave pollution from ubiquitous cell phone towers, radio and TV transmitters, civilian radars and so-called “smart grids”.

Pioneer researcher Dr. George Carlo headed the first extensive wireless radiation research for Motorola from 1993 to 1999 and lost his funding over his alarming findings.

In an email to a researcher, Dr. Carlo now worries:

“EMR is most likely a synergen. The exposures such as pesticides, chemtrails, harvesting of forests and urban sprawl are not causes competing with EMR – they are additive and synergistic [or amplifying] causes. They are insults to the system that requires strong biological compensation to overcome. EMR depletes that ability to compensate, and thus the person or species succumbs to the effects of the environmental insult more severely and more rapidly.” [\[ABCs Of Cell Phones And Other Hazards Of The Wireless Age by William Thomas\]](#)





## PART III

### WHAT NOW?

Things are not getting better fast.

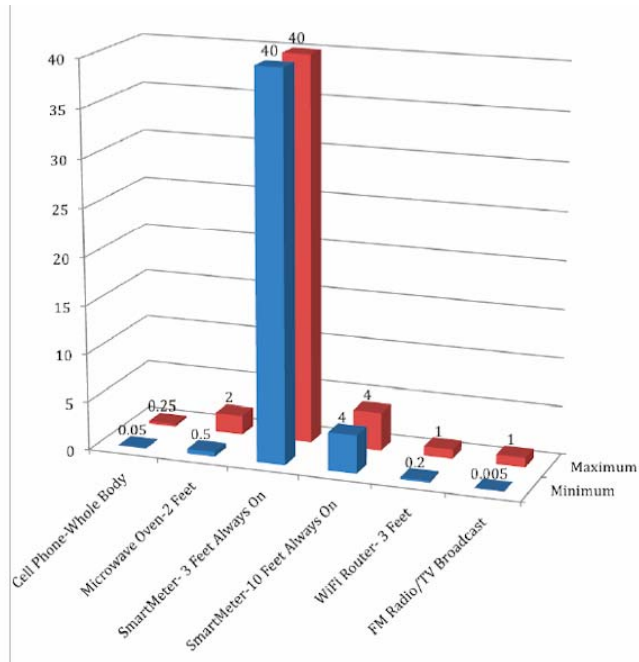
“Smart meters are the dumbest idea yet from a government full of them,” observes Bill Tieleman. As EU nations begin reducing wireless exposure across Europe in the wake of the landmark Biolnitiative study, the global roll-out of wireless smart meters and their supporting microwave grids threatens to push exposure levels beyond human endurance. [\[Tye Aug 9/11\]](#)

Operating on already oversaturated cell phone frequencies, wireless electrical meters transmit private details on home energy use, putting high frequencies directly into home and building wiring, as well as your own bioelectrical circuits. Exposure to microwave and radiowave radiation from these meters is involuntary and continuous. Unlike cell phones and other wireless distractions operating at the same frequencies, you can't switch smart meters off.

[Smart Meters emit these hazardous frequencies almost continuously, day and night, seven days a week.](#) Silver Spring Networks makes the meters' communications components. One tested smart meter sent out [more than 190,000 signals in one day](#). One estimate by Southern California Edison puts peak “whole-body” pulses at [229,000 units](#) (microwatts/square centimeter) eight-inches from the transmitter. Maximum allowable exposure levels in Switzerland, Finland, Luxembourg and Austria are 500 to 1,000 units. [Globe & Mail Apr 3/09]



Sage Environmental Consultants estimates that the amount of microwave radiation from a home-installed smart meter is comparable to living within [200-600 feet of a major cellphone tower](#). The [603 million smart meters slated to be installed worldwide over the next five years](#) will begin emitting electrosmog from billions of new transmitters just as geoengineering efforts shift into even more desperate and relentless conductivity!



[Exposure is additive](#), points out Santa Cruz County Health Officer Dr. Poki Namkung. [“No FCC safety standards exist for chronic, long-term exposure to EMF, or from multiple sources.”](#) Citing a “current and immediate threat to public peace, health or safety,” the county ordered: “No smart meter may be installed in Santa Cruz County.”

To handle all the wireless traffic from smart meters and constantly updated android apps, Fourth Generation 4GHz LTE may enhance the industry’s Long Term Evolution – while severely curtailing our own. Lower frequency 4G LTE boasts even higher “penetration rates” into buildings and bodies than higher frequency microwaves.

And 5G is close behind.

### JUST SAY NO THANKS

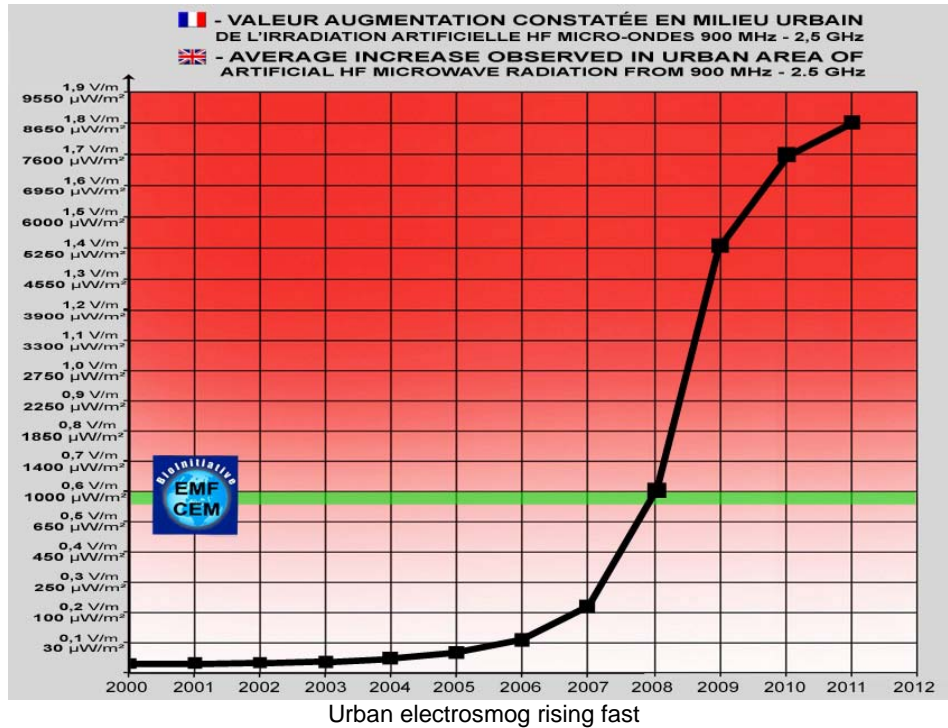
Climate tinkerer David Keith of the University of Calgary is paid by Bill Gates to advise on that billionaire’s geoengineering schemes. In March 2010, after discussing ways to cash in on climate shift by advocating drastic schemes for Solar Radiation Management, Keith told chemtrails protesters outside the Asilomar conference that children should have a say on whether geoengineering should be deployed. He suggested a public referendum. [wired.com Mar 23/10]

He’s right.

To date, no agency or organisation is examining the effects of electrically conductive chemtrails over towns and cities already saturated with electromagnetic transmissions.

They should.

For city dwellers, and increasingly in rural areas, daily exposure to EMF radiation is more than *100 million* times higher than it was in your grandparents’ time. As Simon Best writes, [“Certainly if mobile phones had been a new drug they would never have got out of the laboratory.”](#)



Safe exposure level proposed by BioInitiative Report:	100 units (microwatts/square meter)
Cell phone towers:	10,000 units
Cell phone exposure:	20-50 million units

My concern for the children, as well as bees, birds and other creatures hard-hit by Radio Frequencies and Microwaves has refocused my efforts in recent years from chemtrails to reporting the even graver threats of electropollution.

But chemtrails and electromagnetic fields are synergistically linked. And with geoengineering leaping like a phantom out of the closet and action to reduce EMR sweeping across Europe, official and public denial is changing.

Since October 2002, the [Freiburger Appeal](#) has been signed by more than 6,000 doctors and health professionals asking the German Government to revise wireless safety standards and *prohibit portable phones*.

In 2003, the UK Stewart Report into mobile phones recommended avoiding all pulsed signals technology. This includes virtually all present-day wireless.

Alarmed by the Freiburger Appeal, the BioInitiative Report and 165 million Europeans suffering from brain disorders, the European Council ruled that mobile phones and computers with wireless internet connections pose a risk to human health. In May 2011, the Council of Europe began removing all Wi-Fi devices from schools. [Reuters Sept 4 /11; [Telegraph May 24/11](#)]





The U.K., Belgium, Germany, France and Russia have also introduced precautionary standards for wireless exposure.

More recently, the Public & Commercial Services Union has recommended to its 266,000 Civil Service members that they should not be forced to carry mobile phones.

Good advice. A [new model](#) produced by researchers Örjan Hallberg in Sweden and L. Lloyd Morgan in the United States predicts a looming [2,500% increase in brain tumors](#).

Today, EMF experts with the international stature of Dr. George Carlo, Dr. Olle Johansson, Dr. Leif Salford, Dr. Neill Cherry, Dr. Robert Becker, Dr. David Carpenter and many others are publicly expressing alarm. They warn that continually blanketing our home planet with overlapping, pulsed wireless transmissions emissions never before encountered on Earth will result in mass brain-wiping, a worldwide inability to reproduce, and the extinction of the human race.

After two decades of research into the effects of wireless radiation, and 14 years documenting the composition and coverage of chemtrails, I am adding my voice to this urgent chorus. Unless stopped, the convergence of electrically-conductive chemtrails with wireless frequencies will only ensure this outcome at an accelerated rate.





## SIDEBAR:

### PHOTON PHASERS TO STUN

As early as 1947, Roberts Shepard at the Massachusetts Institute of Technology looked at Barium-Strontium Titanate. “When polarized by a momentary application of a strong D.C. field,” he found [“these resonances are attributed to a piezoelectric effect...”](#)

Piezoelectric properties include an electromechanical coupling resulting in the induction (transmission) of electric voltage. Crystalline materials possessing high piezoelectric properties include quartz and barium titanate.

In 2013, Harald Kautz-Vella’s just released paper, [“Indications Of Negative Effects Of Aerosols As Used For Geo-Engineering On Plant Growth”](#) shows how:

Plant growth may be inhibited due to interruption in cell communication from (excited) barium or strontium nuclides. When (Ba, Sr<sub>x</sub>) TiO<sub>3</sub> nano-crystals are hit by terrestrial EMF, microwave or radar-radiation the electromagnetic cell potential in plants may be disturbed and set out of balance. Due to the piezoelectric properties of (Ba, Sr<sub>x</sub>) TiO<sub>3</sub> such radiation induces a change in the crystal-geometry that releases free electrons.

Kautz-Vella goes on to relate how “the second stage of pathogenesis comes into play when these piezoelectric properties” are triggered by acoustic pressure explosions and low flying jets – and “by high frequency electromagnetic fields.” Wireless gadgets and grids broadcasting at 2.45 – 5 GHz certainly qualify as spreading high frequency EMF.

This German researcher implicates barium, noting that while levels of industrial barium pollution have fallen by some 95% over the past 15 years, aerosols depositions of barium in rainfall has spiked 100% during that time.

Because these tiny Barium-Strontium Titanate crystals are not soluble (not easily excreted), we can expect “bio-accumulation of the crystals in the food chain, and possible mechanical, optical or electrochemical effects,” he goes on to warn. These “optical effects” include stunting plant growth by inadvertently blocking the exact same frequency at which photosynthesis takes place!



## WHAT YOU CAN DO

1. *Never* expose pregnant mothers or children to wireless radiation.
2. Turn off all portable phone cradles and wireless routers.
3. Limit your cell phone use to a minute a month. Or talk for an hour a day and accept a 400% increased cancer risk over the coming decade.
4. Demand that your city and state emulate the recommendation from the Europe Committee of Ministers for all member states to ["ban all mobile phones, \[portable\] phones or WiFi or Wireless Local Area Network systems from classrooms and schools."](#)
5. Don't fall for "safer" wireless speakerphones and air-tube headsets. Regardless of the excuse behind their purchase, every additional wireless gadget jacks up the need for more relay towers transmitting at ever-higher frequencies. And the higher the frequency, the more transparent our bodies become to electromagnetic energy.
6. Stop Chemtrails! Continue educating media and the public. Attend local government meetings. It is illegal to introduce stray electrical fields that use human beings to complete the circuit. Alert lawyers to this new "Illegally Conductive Barium" approach to initiating class action lawsuits.
7. Stop Smart Meters! Keep educating the media and the public. Attend local governance meetings. Alert lawyers to these "Illegally Conductive Barium" findings to initiating class action lawsuits against wireless smart meters.
8. To dissipate electromagnetic fields and ensure proper rest, "power down" bedrooms and grounding your body to the planet's natural electromagnetic field by Googling and using grounding pad under your sheets. As Earthcalm points out, ["Manmade electricity has severed the connection. Instead of resonating to the planet, the cells are resonating to the electricity in homes/and workplace."](#)

## WHO IS WILLIAM THOMAS?

I am an award-winning investigative reporter with over four decades' experience. My feature writing and photography have appeared in more than 50 publications in eight countries, with translations into French, Dutch and Japanese.



Born and raised in the USA, where my father was a career navy pilot, I soloed a Cessna at age 16. At Marquette University, where I majored in philosophy and theology, I joined the U.S. Navy Reserve shortly after the Gulf of Tonkin story broke in headlines across the country.

Four years later, having won assignment to Pensacola NAS, I was about to achieve a lifelong dream of flying jets off carriers when the appalling civilian carnage and revelations of the Tonkin fabrication brought me to a personal crisis. Realizing that I could not napalm families whose aspirations and love for their children was no different from my own, I resigned my navy commission.



With help from the American Quakers I made my way to Canada in 1970. On the west coast I opened the first photographic gallery, and later won a position as staff photographer for the *Vancouver Sun*. I also completed construction of backyard-built 31-foot trimaran to sail the South Seas as a freelance photojournalist. Her dreamed named was *Celerity*. In 1985 I completed an eight-year Pacific circumnavigation under sail with the first nonstop Pacific crossing from Japan to North America by multihull.

Now what should I do? During a solo vision quest in the Coast Mountains I was instructed to defend my mother planet and speak for the voiceless ones. Soon after, I co-founded Green Islands and the Save Georgia Straight Alliance. While serving on clear-cut logging blockades on Salt Spring Island, the Tsitika, Walbran and Clayoquot Sound, I pioneered the use of aerial videos and 60-second "spot" TV ads to expose illegal logging practices.



After completing the first environmental survey of British Columbia's Strait of Georgia with SGSA members onboard *Celerity*, I helped lead successful campaigns to clean up pulp mills dumping dioxins into the strait. As the only video reporter allowed inside the armed native blockade a Gustafson Lake, I later helped avert a military assault that would have shocked Canada and the world.

Hoping to make a difference during the oil fires of Desert Storm, while on a peace mission with artist Carl Chaplin in Jordan, I co-founded the Gulf Environmental Emergency Response team. During and immediately after the Gulf War, I served five months in Bahrain, Saudi Arabia and Kuwait as a member of a three-man environmental emergency response team.

My video documentary *Eco War* won the 1991 US Environmental Festival award for “Best Documentary Short” and was excerpted by the CBC, CNN, NBC, as well as the movie, “The Corporation”. My book, *Bringing The War Home* was the first complete account of the origins of Gulf War Illness. *Scorched Earth* documented the military’s war against the Earth, in peacetimes as well as during conflicts.



In January 1998, soon after breaking the “mystery plumes” story for the Environment News wire service, I made the first of eight guest appearances with Art Bell on Coast To Coast describing a phenomenon I later popularized as “chemtrails”.



*All Fall Down: The Politics of Terror and Mass Persuasion* was the first published book on 9/11. My more recently updated *Days Of Deception: Ground Zero And Beyond* remains the most thorough journalistic account of Black Tuesday and its aftermath. Though it reads like a novel, every event is documented.

The most recent book of my ongoing chemtrails investigation is *Chemtrails Confirmed 2010*. It has now been updated with a revised *Chemtrails Timeline to 2013*.

Recipient of four Canadian feature-writing awards, I have been writing about wireless hazards since the publication of *Scorched Earth* in 1991. My most recent ebooks include *ABCs of Cell Phones And Other Hazards Of The Wireless Age* and *Smart Meters For Smarties*. I am currently active in the local Smart Meter Resistance.

You can now find my ebooks on [my website](#). They are available [for direct download by donation here](#).

In service to truth and life, thank you all for your activism, research and support.  
*William Thomas*

