

The 5G's (End Game) Trap Will Soon Be Activated!

Part 8



Dr. Joel Moskowitz: Cellphone radiation is harmful, but few want to believe it

Writing in the *'Berkeley News'* on July 1st, 2021.

For more than a decade, Joel Moskowitz, a researcher in the School of Public Health at UC Berkeley and director of Berkeley's Center for Family and Community Health, has been on a quest to prove that radiation from cellphones is unsafe. But, he said, most people don't want to hear it.

"People are addicted to their smartphones," said Moskowitz. "We use them for everything now, and, in many ways, we need them to function in our daily lives. I think the idea that they're potentially harming our health is too much for some people."

"Since cellphones first came onto the market in 1983, they have gone from clunky devices with bad reception to today's sleek, multifunction smartphones. And although [cellphones are now used by nearly all American adults](#), considerable research suggests that long-term use poses health risks from the radiation they emit," said Moskowitz.



Joel Moskowitz is a researcher in the School of Public Health and director of the Center for Family and Community Health at UC Berkeley. (School of Public Health photo)

“Cellphones, cell towers and other wireless devices are regulated by most governments,” said Moskowitz. “Our government, however, stopped funding research on the health effects of radiofrequency radiation in the 1990s.”

Since then, he said, research has shown significant adverse biologic and health effects — including brain cancer — associated with the use of cellphones and other wireless devices. And now, he said, with the fifth generation of cellular technology, known as **5G**, there is an even bigger reason for concern.

*Berkeley News spoke with Moskowitz about the health risks of cellphone radiation, why the topic is so controversial and what we can expect with the rollout of **5G**.*

Berkeley News: “I think we should address upfront is how controversial this research is. Some scientists have said that these findings are without basis and that there isn’t enough evidence that cellphone radiation is harmful to our health. How do you respond to that?”

Joel Moskowitz: *“Well, first of all, few scientists in this country can speak knowledgeably about the health effects of wireless technology. So, I’m not surprised that people are skeptical, but that doesn’t mean the findings aren’t valid.”*

A big reason there isn’t more research about the health risks of radiofrequency radiation exposure is because the U.S. government stopped funding this research in the 1990s, with the exception of a [\\$30 million rodent study](#) published in 2018 by the National Institute of Environmental Health Sciences’ National Toxicology Program, which found “clear evidence” of carcinogenicity from cellphone radiation.

In 1996, the Federal Communications Commission, or FCC, adopted exposure guidelines that limited the intensity of exposure to radiofrequency radiation. These

guidelines were designed to prevent significant heating of tissue from short-term exposure to radiofrequency radiation, not to protect us from the effects of long-term exposure to low levels of modulated, or pulsed, radiofrequency radiation, which is produced by cellphones, cordless phones and other wireless devices, including Wi-Fi. Yet, [the preponderance of research published since 1990](#) finds adverse biologic and health effects from long-term exposure to radiofrequency radiation, including DNA damage.

More than 250 scientists, who have published over [2,000 papers and letters](#) in professional journals on the biologic and health effects of non-ionizing electromagnetic fields produced by wireless devices, including cellphones, have signed the [International EMF Scientist Appeal](#), which calls for health warnings and stronger exposure limits. So, there are many scientists who agree that this radiation is harmful to our health.

I first heard you speak about the [health risks of cellphone radiation](#) at Berkeley in 2019, but you’ve been doing this research since 2009. What led you to pursue this research?

“I got into this field by accident, actually. During the past 40 years, the bulk of my research has been focused on tobacco-related disease prevention. I first became interested in cellphone radiation in 2008, when Dr. Seung-Kwon Myung, a physician scientist with the National Cancer Center of South Korea, came to spend a year at the Center for Family and Community Health. He was involved in our smoking cessation projects, and we worked with him and his colleagues on two reviews of the literature, one of which addressed the tumor risk from cellphone use.”

“At that time, I was skeptical that cellphone radiation could be harmful. However, since I was dubious that cellphone radiation could cause cancer, I immersed myself in the literature regarding the biological effects of low-intensity microwave radiation, emitted by cellphones and other wireless devices.”

“After reading many animal toxicology studies that found that this radiation could increase oxidative stress — free radicals, stress proteins and DNA damage — I became increasingly convinced that what we were observing in our review of human studies was indeed a real risk.”

While Myung and his colleagues were visiting the Center for Family and Community Health, you reviewed case-control studies examining the association between mobile phone use and tumor risk. What did you find?

“Our [2009 review](#), published in the ‘Journal of Clinical Oncology’, found that heavy cellphone use was associated with increased brain cancer incidence, especially in studies that used higher quality methods and studies that had no telecommunications industry funding.”

Last year, [we updated our review](#), published in the 'International Journal of Environmental Research and Public Health', based on a meta-analysis of 46 case-control studies — twice as many studies as we used for our 2009 review — and obtained similar findings. Our main takeaway from the current review is that approximately 1,000 hours of lifetime cellphone use, or about 17 minutes per day over a 10-year period, is associated with a statistically significant 60% increase in brain cancer.

Why did the government stop funding this kind of research?

"The telecommunications industry has almost complete control of the FCC, according to [Captured Agency](#), a monograph written by journalist Norm Alster during his 2014-15 fellowship at Harvard University's Center for Ethics. There's a revolving door between the membership of the FCC and high-level people within the telecom industry that's been going on for a couple of decades now."

"The industry spends about \$100 million a year lobbying Congress. The [CTIA](#), which is the major telecom lobbying group, spends \$12.5 million per year on 70 lobbyists. According to one of their spokespersons, [lobbyists meet roughly 500 times a year with the FCC](#) to lobby on various issues. The industry as a whole spends \$132 million a year on lobbying and provides \$18 million in political contributions to members of Congress and others at the federal level."

The telecom industry's influence over the FCC, as you describe, reminds me of the tobacco industry and the advertising power it had in downplaying the risks of smoking cigarettes.

"Yes, there are strong parallels between what the telecom industry has done and what the tobacco industry has done, in terms of marketing and controlling messaging to the public. In the 1940s, tobacco companies hired doctors and dentists to endorse their products to reduce public health concerns about smoking risks. The CTIA currently uses a nuclear physicist from academia to assure policymakers that microwave radiation is safe. The telecom industry not only uses the tobacco industry playbook, it is more economically and politically powerful than Big Tobacco ever was. This year, the telecom industry will spend over \$18 billion advertising cellular technology worldwide."

You mentioned that cellphones and other wireless devices use modulated, or pulsed, radiofrequency radiation. Can you explain how cellphones and other wireless devices work, and how the radiation they emit is different from radiation from other household appliances, like a microwave?

"Basically, when you make a call, you've got a radio and a transmitter. It transmits a signal to the nearest cell tower. Each cell tower has a geographic cell, so to speak, in which it can communicate with cellphones within that geographic region or cell."

"Then, that cell tower communicates with a switching station, which then searches for whom you're trying to call, and it connects through a copper cable or fiber optics or, in many cases, a wireless connection through microwave radiation with the wireless

access point. Then, that access point either communicates directly through copper wires through a landline or, if you're calling another cellphone, it will send a signal to a cell tower within the cell of the receiver and so forth."

"The difference is the kind of microwave radiation each device emits. With regard to cellphones and Wi-Fi and Bluetooth, there is an information-gathering component. The waves are modulated and pulsed in a very different manner than your microwave oven."

What, specifically, are some of the health effects associated with long-term exposure to low-level modulated radiofrequency radiation emitted from wireless devices?

"Many biologists and electromagnetic field scientists believe the modulation of wireless devices makes the energy more biologically active, which interferes with our cellular mechanisms, opening up calcium channels, for example, and allowing calcium to flow into the cell and into the mitochondria within the cell, interfering with our natural cellular processes and leading to the creation of stress proteins and free radicals and, possibly, DNA damage. And, in other cases, it may lead to cell death."

"In 2001, based upon the biologic and human epidemiologic research, low-frequency fields were classified as "possibly carcinogenic" by the International Agency for Research on Cancer (IARC) of the World Health Organization. In 2011, the IARC classified radiofrequency radiation as "possibly carcinogenic to humans," based upon studies of cellphone radiation and brain tumor risk in humans. Currently, we have considerably more evidence that would warrant a stronger classification."

"Most recently, on March 1, 2021, a report was released by the former director of the National Center for Environmental Health at the Centers for Disease Control and Prevention, which concluded that there is a "high probability" that radiofrequency radiation emitted by cellphones causes gliomas and acoustic neuromas, two types of brain tumors."

Let's talk about the fifth generation of cellphone technology, known as 5G, which is already available in limited areas across the U.S. What does this mean for cellphone users and what changes will come with it?

"For the first time, in addition to microwaves, this technology will employ millimeter waves, which are much higher frequency than the microwaves used by 3G and 4G. Millimeter waves can't travel very far, and they're blocked by fog or rain, trees and building materials, so the industry estimates that it'll need 800,000 new cell antenna sites."

"Each of these sites may have cell antennas from various cellphone providers, and each of these antennas may have microarrays consisting of dozens or even perhaps hundreds of little antennas. In the next few years in the U.S., we will see deployed roughly 2.5 times more antenna sites than in current use unless wireless safety

advocates and their representatives in Congress or the judicial system put a halt to this.”

How are millimeter waves different from microwaves, in terms of how they affect our bodies and the environment?

“Millimeter wave radiation is largely absorbed in the skin, the sweat glands, the peripheral nerves, the eyes and the testes, based upon the [body of research that’s been done on millimeter waves](#). In addition, this radiation may cause hypersensitivity and biochemical alterations in the immune and circulatory systems — the heart, the liver, kidneys and brain.”

“Millimeter waves can also harm insects and promote the growth of drug-resistant pathogens, so it’s likely to have some widespread environmental effects for the microenvironments around these cell antenna sites.”

What are some simple things that each of us can do to reduce the risk of harm from radiation from cellphones and other wireless devices?

“First, minimize your use of cellphones or cordless phones — use a landline whenever possible. If you do use a cellphone, turn off the Wi-Fi and Bluetooth if you’re not using them. However, when near a Wi-Fi router, you would be better off using your cellphone on Wi-Fi and turning off the cellular because this will likely result in less radiation exposure than using the cellular network.”

“Second, distance is your friend. Keeping your cellphone 10 inches away from your body, as compared to one-tenth of an inch, results in a 10,000-fold reduction in exposure. So, keep your phone away from your head and body. Store your phone in a purse or backpack. If you have to put it in your pocket, put it on airplane mode. Text, use wired headphones or speakerphone for calls. Don’t sleep with it next to your head — turn it off or put it in another room.”

“Third, use your phone only when the signal is strong. Cellphones are programmed to increase radiation when the signal is poor, that is when one or two bars are displayed on your phone. For example, don’t use your phone in an elevator or in a car, as metal structures interfere with the signal.”

“Also, I encourage people to learn more about the 150-plus local groups affiliated with [Americans for Responsible Technology](#), which are working to educate policymakers, urging them to adopt cell tower regulations and exposure limits that fully protect us and the environment from the harm caused by wireless radiation.”

“For safety tips on how to reduce exposure to wireless radiation from the California Department of Public Health and other organizations, Moskowitz recommends readers visit his website, [saferemr.com](#), [Physicians for Safe Technology](#) and the Environmental Health Trust.”

In writing this series my goal has been to lay out before you the technology of **5G** and wireless energy in general, showing the pitfalls, traps, and ways this is promoted as something we all can benefit from; although it is first and foremost a weapons system intended to harm and kill. When I noted 97% of Americans have a cell phone, a day is not so far ahead that 97% of Americans will die from its use.

Health Risks Due to Prolonged EMF Exposure

If you spend a little time in high EMF areas, it shouldn't cause you any worry. But constant exposure to unhealthy amounts of electromagnetic radiation will eventually manifest mental or physical illnesses. Sleeping difficulty and nausea are some of the early signs of [EMF induced health issues](#).

Scientists recently called for a moratorium on **5G** after study shows regulators ignoring health risks of radiation. A commenter in the article was the same Joel M. Moskowitz in my opening report above. It is as recent as of Thursday, October 20, 2022.



([Natural News](#)) The authors of a peer-reviewed study published Tuesday warned about the risks of exposure to [radiation from 5G technology](#) and said their research shows existing exposure limits for wireless radiation are inadequate, outdated and harmful to human health and wildlife.

(Article by Michael Nevradakis, Ph.D. republished from [ChildrensHealthDefense.org](#))
The International Commission on the Biological Effects of Electromagnetic Fields ([ICBE-EMF](#)) conducted the study, which was published in Environmental Health.

The ICBE-EMF called for an independent assessment of the [dangers and impacts of wireless radiation](#), a campaign to inform the public of the health risks associated with radiation and “an immediate moratorium on further rollout of **5G** wireless technologies until safety is demonstrated and not simply assumed.”

In an [ICBE-EMF press release](#), Dr. Lennart Hardell, an oncologist, author of more than 100 papers on non-ionizing radiation and lead author of the study, said:

“Multiple robust human studies of cell phone radiation have found increased risks for [brain tumors](#), and these are supported by clear evidence of carcinogenicity of the same cell types found in animal studies.”

In interviews with [The Defender](#), Hardell and Joel M. Moskowitz, director of the Center for Family and Community Health at the University of California, Berkeley School of Public Health, discussed the study’s findings, the ICBE-EMF’s new initiative to raise awareness of the risks of **5G** and explained who is most susceptible to the potentially harmful effects of [wireless radiation](#).

According to Moskowitz, exposure to cellphones and other wireless devices should be limited, especially for pregnant women and children.

Hardell and Moskowitz — both of whom are associated with ICBE-EMF and its study — also blamed regulatory agencies such as the Federal Communications Commission (FCC) and the International Commission on Non-Ionizing Radiation Protection ([ICNIRP](#)) for ignoring the risks — despite hundreds of studies indicating the dangers of exposure to wireless radiation — and called for legal action and increased public pressure.

Study: wireless radiation exposure limits ‘harmful,’ ‘based on false suppositions’

The ICBE-EMF describes itself as “a multi-disciplinary consortium of scientists, doctors and related professionals who are, or have been, involved with research related to the biological and health effects of electromagnetic frequencies up to and including 300 GHz.”

Founded in 2021, the ICBE-EMF — which says it “is dedicated to ensuring the protection of humans and other species from the harmful effects of [non-ionizing radiation](#)” — arose from the [International EMF Scientist Appeal](#), a petition signed by more than 240 scientists representing more than 2,000 published papers.

According to the new ICBE-EMF study, the [radiofrequency radiation \(RFR\) exposure limits](#) established in the 1990s by the FCC and the ICNIRP “were based on results from behavioral studies conducted in the 1980s involving 40-60 minute exposures in 5 monkeys and 8 rats” — after which “arbitrary safety factors” were applied “to an apparent threshold specific absorption rate (SAR)” of 4 watts per kilogram.

According to a [fact sheet](#) accompanying the study's release, this means that "no adverse health effects from RFR exposure" were claimed to exist "below the ... SAR of 4 watts per kilogram for frequencies ranging from 100 kHz to 6 GHz."

The paper argues these [radiation exposure limits](#) were based "on two major assumptions" — that any biological effects of exposure to wireless radiation "were due to excessive tissue heating and no effects would occur below the putative threshold SAR," and "twelve assumptions that were not specified by either the FCC or ICNIRP."

The limits set by the FCC and ICNIRP also ignore "the past 25 years of extensive research on RFR" which, according to the study, "demonstrates that the assumptions underlying the FCC's and ICNIRP's exposure limits are invalid and continue to present a public health harm," and "are based on false suppositions."

These harms, which have been observed even "below the assumed threshold SAR," include "non-thermal induction of reactive oxygen species, DNA damage, cardiomyopathy, carcinogenicity, sperm damage, and neurological effects, including electromagnetic hypersensitivity," plus "increased brain and thyroid [cancer risk](#)."

Despite these documented risks, the study explains that in 2020, the FCC and ICNIRP "reaffirmed the same limits that were established in the 1990s" — limits that "do not adequately protect workers, children, [hypersensitive individuals](#), and the general population from short-term or long-term RFR exposures."

According to the ICBE-EMF press release, the FCC and ICNIRP "have ignored or inappropriately dismissed hundreds of scientific studies documenting adverse health effects at exposures below the threshold dose claimed by these agencies," which is "based on science from the 1980s — before cell phones were ubiquitous."

Scientists speak out on wireless exposure risks

Hardell and Moskowitz both told The Defender that wireless radiation poses a [higher risk to pregnant women](#) and children. Moskowitz said people who are electromagnetically hypersensitive also are especially at risk.

Both recommended, however, that all individuals minimize their exposure to wireless radiation as much as possible.

Moskowitz developed an online resource compiling advice and suggestions for individuals to [reduce exposure to wireless radiation](#).

The recommendations include keeping devices such as smartphones and cordless phones at a distance from the body and particularly the head, using these devices in areas where there is a strong signal, reducing secondhand exposure to other individuals' devices and switching off household wireless devices at bedtime.

Moskowitz cited specific concerns about **5G** technology, telling The Defender:

“5G has many new features never tested for safety, including different carrier frequencies, new modulation and pulsing schemes, beam-forming, phased arrays, and massive [MIMO](#) [multiple input, multiple output].”

“Studies have been conducted that test some carrier frequencies used in 5G but not the other features which could result in brief but very high-intensity exposures.”

“The proximity of small cell antennas near where people live and work could pose health problems in addition to wireless radiation exposure from 5G cellphones.”

Hardell said that with [5G technology](#), “the pulses can be extremely high and also be additive from different [wireless] sources,” adding that “risks are not studied, especially not long-term.”

In a July 2022 article on safemmr.com a website on the dangers of wireless radiation exposure operated by Moskowitz, he focused on the [millimeter wave](#) (MMW) used in the “high-band” (30-300 GHz) frequencies utilized by 5G networks.

Moskowitz wrote that the characteristics of such MMWs are different than the “low-band” frequencies primarily used up until now for cellular and wireless transmission. According to Moskowitz:

“The transmissions can be directed into narrow beams that travel by line-of-sight and can move data at high rates (e.g., up to 10 billion bits per second) with short lags (or latencies) between transmissions.”

“Millimeter waves (MMWs) are mostly absorbed within 1 to 2 millimeters of human skin and in the surface layers of the cornea. Thus, the skin or near-surface zones of tissues are the primary targets of the radiation.”

“Since skin contains capillaries and nerve endings, MMW bio-effects may be transmitted through molecular mechanisms by the skin or through the nervous system.”

Such exposure, writes Moskowitz, can lead to thermal (heating) effects, initially causing a, “heat sensation followed by pain and physical damage at higher exposures” and ultimately impacting “the growth, morphology and metabolism of cells,” inducing “production of free radicals,” and causing DNA damage.

Moskowitz said there’s been no real research on the biologic or [health effects of 5G](#), noting that out of 35,000 publications on electromagnetic fields found on the [EMF Portal](#) as of Aug. 1, 2022, only 408 pertained to 5G, and only seven were medical or biological studies.

However, even these seven studies are inadequate, Moskowitz wrote:

“A closer look, however, reveals that although these studies employed carrier frequencies used in 5G, none of these studies modulated or pulsed the signal as required by 5G or used other features of 5G technology (e.g., beamforming, massive

MIMO, and phased arrays) that are likely to affect the nature and extent of biological or health effects from exposure to this radiation.”

According to [Children’s Health Defense](#) (CHD), more than [1,500 peer-reviewed scientific papers](#) demonstrate biological and health impacts from exposure to electromagnetic fields (EMFs).

In August 2021, the U.S. Court of Appeals for the District of Columbia Circuit [ruled in favor of CHD](#) in its [lawsuit against the FCC’s decision](#) not to review its health and safety guidelines regarding **5G** and wireless technology, finding that [the FCC did not provide](#) a reasoned explanation for its determination that its current guidelines provide adequate protection to RF radiation.

The wireless radiation exposure limits reaffirmed by the FCC and ICNIRP make no provision for the advent and growth of **5G** technologies, Moskowitz said. But instead of addressing the issue, the telecommunications industry and its experts have accused many scientists who have researched the effects of cellphone radiation of “fear-mongering” over the advent of [wireless technology’s 5G](#),” he added.

Regulators bear ‘full responsibility’ for harmful health effects caused by exposure to wireless radiation

Hardell told *‘The Defender’* that the failure of regulatory agencies to set proper exposure limits means they “*have the full responsibility*” for deaths and injuries stemming from exposure to wireless radiation.

[According to Moskowitz](#), a [report on 5G](#) released in 2020 by the U.S. Government Accountability Office “*recognizes that public concern regarding the health effects from exposure to radiofrequency radiation (RFR) is likely to intensify with the deployment of 5G technology*” and that “*long-term effects are unknown.*”

However, according to the report, “*Officials from federal regulatory and research agencies did not indicate any cause for alarm due to these unknowns because of the research from observational studies on pre-**5G** technology and from experimental studies of high-band **5G** technology.*”

Moskowitz blamed the failure not just on the FCC, but also on the U.S. Food and Drug Administration (FDA).

“*For more than two decades, FDA officials have ignored the lack of consensus in the scientific community regarding the safety of RFR,*” Moskowitz wrote in 2020. “*The majority of scientists who study RFR effects now believe that current RFR national and international safety standards are inadequate to protect our health.*”

Moskowitz pointed out that the FCC relies on the [FDA for health-related recommendations](#) — and “*upon advice from lobbyists and engineers and scientists*

affiliated with the telecommunications or wireless industry,” adding that a “[revolving door](#)” exists between the FCC, these two industries and their lobbying groups.

According to the ICBE-EMF fact sheet:

“Since 2002, multiple robust epidemiologic studies of cell phone radiation have found increased risks for brain tumors, which are supported by evidence of carcinogenicity of the same cell types (glial cells and Schwann cells) from animal studies.”

And in the ICBE-EMF press release, Dr. Ronald Melnick, ICBE-EMF chair and former senior toxicologist with the U.S. National Toxicology Program at the National Institute of Environmental Health Sciences, said:

“Many studies have demonstrated oxidative effects associated with exposure to low-intensity RFR, and significant adverse effects including cardiomyopathy, carcinogenicity, DNA damage, neurological disorders, increased permeability of the blood-brain barrier, and sperm damage.”

Scientists call for moratorium on 5G deployment

Scientists associated with the newly released paper and the ICBE-EMF called for the deployment of 5G networks to be paused until its potential harms to humans and nature are more thoroughly studied.

Hardell told *‘The Defender’* that “there should be a moratorium on 5G until studied,” describing this situation as “a sad story by industry, politicians and their affiliated scientists.” “Ignorance and doubt is their product,” he said.

The authors of the paper said health-protective exposure limits are “urgently needed” for humans and the environment. They added:

“These limits must be based on scientific evidence rather than on erroneous assumptions, especially given the increasing worldwide exposures of people and the environment to RFR, including novel forms of radiation from 5G telecommunications for which there are no adequate health effects studies.”

They also said an independent evaluation “based on the scientific evidence with attention to the knowledge gained over the past 25 years” is needed to establish lower exposure limits.

ICBE-EMF also called for health studies to be completed prior to any future deployment of 5G networks. [This may come as catch-up, especially as the Congress is quietly facing the dilemma of 5G’s coming successor, 6G! – Pastor Bob]

According to Hardell, more is needed than a moratorium on 5G deployment, however. He told *The Defender*:

“After more than 20 years of research on health risks from this technology without success to implement precaution, we need legal work.”

“The polluter must pay. Radiofrequency radiation is an environmental pollutant that needs to be investigated and regulated. It needs to be classified as a Group 1 human carcinogen by [IARC](#) [the International Agency for Research on Cancer].”

Under the [IARC’s classification](#), “Group 1” encompasses compounds or physical factors that are “carcinogenic to humans.”

There are no slam dunk conclusive research studies; however, there have been hints that prolonged exposure to high EMF radiation is potentially carcinogenic. Reproductive problems like loss of libido can also be a result of living in areas with high EMF radiation. During my five years writing about **5G EMF/EMR** and its being the real issue behind Covid, there is over 140 articles on my web page, there is not a single paragraph that I need to stand corrected as being incorrect.

The government broke the “Social Contract” with America and to cover its crimes and tracks, it resorted to use a military weapons system to reduce the elderly population in nursing homes and used that scare to frighten the rest of society to take experimental “gene” therapy to ultimately eliminate hundreds of millions if not more over the coming five years.

We were first told by Dr. David E. Martin in 2020 that Covid-19 was an insurance fraud crime. Then former Blackrock Fund manager Edward Dowd this year exposed the excess death ratio among healthy employees that showed spikes of deaths among 18-45 age employees, and their death payouts from employer provided modest-cost “Term Life” insurance as part of employee benefits packages. Most employers provide their new employees a package of no-cost “Term Life” policies, to which the employee can purchase additional insurance above a basic freebie usually \$10,000 - \$20,000 at no cost to the employee.

Edward Dowd and his colleagues tracked the data showing huge spikes in deaths of young healthy employees who died from the so-called vaccines. They tracked data on such industries as the casket business, funerals, flower business, as of the most recent estimate there are 2-million fewer employees in the U.S. It is estimated world-wide 20-million have died. The FDA continues to refuse to reveal autopsy data suggesting they are not being transparent about this crime against humanity.

In another related news story we have learned another tell-tale sign of these crimes. This may not be a major surprise given what we already know about these diabolical creatures.

They KNEW: Federal officials who worked on COVID outbreak dumped stocks ahead of market-collapsing pandemic!

10/25/2022 / By JD Heyes

There are many instances of blatant scandal stemming from the COVID-19 pandemic involving federal government officials, but none so aggravating as findings reported this week by *'The Wall Street Journal'*

It seems that as federal officials who worked on the pandemic were first getting word of some 'new virus' spreading across the globe after originating in China, they dumped stocks ahead of a Wall Street-slamming economic shutdown.

[The Journal's report began:](#)

Federal officials working on the government response to Covid-19 made well-timed financial trades when the pandemic began—both as the markets plunged and as they rallied—a Wall Street Journal investigation found.

In January 2020, the U.S. public was largely unaware of the threat posed by the virus spreading in China, but health officials were on high alert and girding for a crisis.

A deputy to top health official Anthony Fauci reported 10 sales of mutual funds and stocks totaling between \$157,000 and \$480,000 that month. Collectively, officials at another health agency, Health and Human Services, reported 60% more sales of stocks and funds in January than the average over the previous 12 months, driven by a handful of particularly active traders.

By March of that year, a number of agencies within the federal government were developing broad measures to help prop up the markets and the economy in general. At the time, then-Transportation Secretary Elaine Chao bought more than \$600,000 in a pair of stock funds even while her agency was working up policy responses to the widening pandemic. Her husband, then-Senate Majority Leader Mitch McConnell (R-Ky.), had taken the lead in negotiations regarding a gigantic market-boosting stimulus spending measure, the WSJ investigation found.

"And as the government was devising a loan package [aimed specifically at helping companies](#) including Boeing Co. and General Electric Co., a Treasury Department official involved in administering the aid acquired shares of both companies," the report noted.

According to an analysis by the outlet, millions of dollars' worth of stock was owned by federal officials in industries that were to become most affected by the pandemic and the government's response to it. Some 240 federal staffers and officials at health agencies and the Defense Department, which would also play a key role in the vaccine rollout, reported having between \$9 million and \$28 million worth of stocks in drug, biotech, and manufacturing companies that were awarded federal contracts related to the pandemic in 2020 and 2021.

Almost 400 officials spread across 50 agencies also reported owning stocks in industries that were hardest hit by pandemic lockdowns, like the airlines, hotel

companies, restaurants, cruise lines and resorts, many of whom dumped those stocks ahead of the lockdowns.

“Senior federal officials are required to disclose their financial assets and transactions and those of their spouses and dependent children in annual reports,” the WSJ reported. “Federal employees are barred from working on matters in which they have a significant financial stake, from trading on nonpublic information learned on the job and from taking any official action that creates an appearance of a conflict of interest.”

But what is also true is that ethics officials for federal agencies almost never have a full idea of what employees are privy to or are working on, especially when it comes to rapidly moving, government wide mobilizations in response to an emergency situation facing the country.

That said, U.S. officials were alerted to what would become known as the COVID-19 virus by Jan. 3, 2020, and over the next few months scores of federal officials across a wide swath of federal agencies — all involved in some way with the pandemic — would unload or buy key stocks they knew would be affected negatively or positively by the pandemic and the policies being devised and implemented to combat it.

Ordinary Americans, of course, had no such luxury of advance notice, so they watched as their 401(k) retirement accounts, their jobs, and their livelihoods were destroyed.

Our government no longer truly serves Americans; it serves itself. Just pay your taxes and shut-up. This article that follows was written by Amy Worthington of the *‘Idaho Observer’*. This is more from the experiences of a personal nature by people harmed and damaged by the **5G** wireless EMF/EMR effects all life form. Keep in mind that when the bees are all gone, life will end in less than three or four years. More than 260 fruits and vegetables depend upon the bees to pollinate the plants.

Prior to 1996, the wireless age was not coming online fast enough, primarily because communities had the authority to block the siting of cell towers. But the Federal Communications Act of 1996 made it nearly impossible for communities to stop construction of cell towers even if they pose threats to public health and the environment. Since the decision to enter the age of wireless convenience was politically determined for us, we have forgotten well-documented safety and environmental concerns and, with a devil-may-care zeal that is lethally short-sighted, we have incorporated into our lives every wireless toy that comes on the market. We behave as if we are addicted to radiation. Our addiction to cell phones has led to harder "drugs" like wireless Internet. And now we are bathing in the radiation that our wireless enthusiasm has unleashed. Those who are addicted, uninformed, corporately biased and politically-influenced may dismiss our scientifically-sound concerns about the apocalyptic hazards of wireless radiation. But we must not. Instead, we must sound the alarm.

Illa Garcia wore jewelry the first day she went back to work as a fire lookout for the state of California in the summer of 2002. The intense radiation from dozens of RF/microwave antennas surrounding the lookout heated the metals on her body enough to burn her skin. *"I still have those scars,"* she says. *"I never wore jewelry to work after that."* Likely Mountain Lookout, on U.S. Forest Service land with a spectacular view of Mount Shasta, is one of thousands of RF/microwave *"hot spots"* across the nation. A newly-erected cellular communications tower was only 30 feet from the lookout. *"One antenna on that tower was even with our heads,"* recalls Garcia. *"We could hear high-pitched buzzing. There were also three state communications antennas mounted on the lookout, only 6 feet from where we walked. We climbed past them every day."* Motorola company manuals for management of communications sites confirm that high frequency radiation from these antennas is nasty stuff. Safety regulations mandate warning signs, EMF awareness training, protective gear, even transmitter deactivation for personnel working that close to antennas. Garcia and co-worker Mary Jasso were never warned about the hazards. This, they say, demonstrates extreme malfeasance on the part of agencies and commercial companies responsible for their exposure.

By the end of fire season, Garcia and Jasso were so ill they were forced to retire and the lookout was closed to state personnel. Garcia, 52, is now severely disabled with fibromyalgia, auto-immune thyroiditis and acute nerve degeneration. Medical tests confirmed broken DNA strands in her blood and abnormal tissue death in her brain. Dr. Gunner Heuser, a medical specialist in neurotoxicity, states that Garcia's disorders are a result of chronic electromagnetic field exposure in the microwave range and that *"she has become totally disabled as a result."* Dr. Heuser wrote, *"In my experience patients develop multisystem complaints after EMF exposure just as they do after toxic chemical exposure."* Jasso, who worked the lookout for 11 seasons, is also disabled with brain and lung damage, partial left side paralysis, muscle tremors, bone pain and DNA damage. Jasso discovered that all lookouts who worked Likely Mountain since 1989 are disabled. At only 61 years of age, she has lost so much memory that she cannot remember back to when her first three children were born. She fears that communications radiation may be a major factor in the nation's phenomenal epidemics of dementia and autism.

Both women say they have been unjustly denied worker's comp and medical benefits. Their pleas for help to state and federal agencies have been fruitless. Between them they have racked up over \$150,000 in medical bills, although there is no effective treatment for radiation sickness. Twenty-two other members of Garcia and Jasso's two families received Likely Mountain radiation exposure. All now suffer serious and expensive illnesses, including tumors, blood abnormalities, stomach problems, lung damage, bone pain,

muscle spasms, extreme fatigue, tremors, numbness, impaired motor skills, cataracts, memory loss, spine degeneration, sleep problems, low immunity to infection, hearing and vision problems, hair loss and allergies. Jasso's husband, who often stayed at the lookout, has a rare soft tissue sarcoma known to be radiation related. Garcia's husband, who spent little time at the lookout, has systemic cancer that started with sarcoma of the colon. Garcia's daughter Teresa was at the lookout for a total of two hours during her first pregnancy. Her daughter was born with slight brain damage and immunity problems. *"That baby was always sick,"* says Garcia. Teresa spent only three days at the lookout during her second pregnancy. Her son was born with autism.

Garcia and Jasso have a terminal condition known as *"toxic encephalopathy,"* involving brain damage to frontal and temporal lobes. This was confirmed by SPECT brain scans. Twelve others in the two-family group who also had the scans were diagnosed with the affliction. *"All of us with this condition have been told that we are dying,"* says Garcia. *"Our mutated cells will reproduce new mutated cells until the body finally shuts down."* Painful conditions endured by the families of Garcia and Jasso are identical to those suffered by Japanese victims of gamma wave radiation after nuclear explosions at Hiroshima and Nagasaki in 1945. Five decades of studies confirm that non-ionizing communications radiation in the RF/microwave spectrum has the same effect on human health as ionizing gamma wave radiation from nuclear reactions. Leading German radiation expert Dr. Heyo Eckel, an official of the German Medical Association, states, *"The injuries that result from radioactive radiation are identical with the effects of electromagnetic radiation. The damages are so similar that they are hard to differentiate."*

Understanding what happened at Likely Mountain is critical to understanding the public health threat posed by RF/microwave radiation in the United States. The families of Garcia and Jasso, plus previous lookout workers and multitudes of tourists who visited Likely Mountain for camping and sightseeing, were beamed by the same kind of high frequency radiation that blasts from tens of thousands of neighborhood cell towers and rooftop antennas erected across America for wireless communications. The city of San Francisco, with an area of only seven square miles, has over 2,500 licensed cell phone antennas positioned at 530 locations throughout the city. In practical terms, this city, like thousands of others, is being wave-nuked 24 hours a day. The identical damage resulting from both radioactive gamma waves and high frequency microwaves involves a pathological condition in which the nuclei of irradiated human cells splinter into fragments called micronuclei. Micronuclei are a definitive pre-cursor of cancer. During the 1986 nuclear reactor disaster at Chernobyl in Russia, the ionizing radiation released was equivalent to 400 atomic bombs, with an estimated ultimate human toll of 10,000 deaths. Exposed Russians quickly developed blood cell

micronuclei, leaving them at high risk for cancer.

RF/microwaves from cell phones and cell tower transmitters also cause micronuclei damage in blood cells. This was reported a decade ago by Drs. Henry Lai and Narendrah Singh, biomedical researchers at the University of Washington in Seattle. Dr. Singh is famous for refining comet assay techniques used to identify DNA damage. Lai and Singh demonstrated in numerous animal studies that mobile phone radiation quickly causes DNA single and double strand breaks at levels well below the current federal "safe" exposure standards. The telecommunications industry knows this thanks to its own six-year, wireless technology research (WTR) study program mandated by Congress and completed in 1999. Gathering a team of over 200 doctors, scientists and experts in the field, WTR research showed that human blood exposed to cell phone radiation had a 300-percent increase in genetic damage in the form of micronuclei. Dr. George Carlo, a public health expert who coordinated the WTR studies, confirms that exposure to communications radiation from wireless technology is "potentially the biggest health insult" this nation has ever seen. Dr. Carlo believes RF/microwave radiation is a greater threat than cigarette smoking and asbestos.

In 2000, European communications giant T-Mobile commissioned the German ECOLOG Institute to review all available scientific evidence in regard to health risks for wireless telecommunications. ECOLOG found over 220 peer-reviewed, published papers documenting the cancer-initiating and cancer-promoting effects of the high frequency radiation employed by wireless technology. Many corroborating studies have been published since. By 2004, 12 research groups from seven European countries cooperating in the REFLEX study project confirmed that microwaves from wireless communications devices cause significant single and double strand DNA breaks in both human and animal cells under laboratory conditions. In 2005, a Chinese medical study confirmed statistically significant DNA damage from pulsed microwaves at cell phone levels. That same year, University of Chicago researchers described how pulsed communications microwaves alter gene expression in human cells at non-thermal exposure levels.

Because gamma waves and RF/microwave radiation are identically carcinogenic and genotoxic to the cellular roots of life, the safe dose of either kind of radiation is zero. No study has proven that any level of exposure from cell-damaging radiation is safe for humans. Dr. Carlo confirms that cell damage is not dose dependent because any exposure level, no matter how small, can trigger damage response by cell mechanisms. Officials at the U.S. Food and Drug Administration and the National Institutes of Health closely reviewed the damning results of WTR studies, which also revealed microwave damage to the blood brain barrier. But these officials have chosen to downplay, obfuscate and even deny the

irrepressible science of the day. Raking in \$billions from selling spectrum licenses, the feds have allowed the telecom industry to unleash demonstrably dangerous technology which induces millions of people to become brain-intimate with improperly tested wireless devices⁹ and which saturates the nation with carcinogenic waves to service those devices. Dr. Carlo says that even the American Cancer Society is in bed with the communications industry, which infuses the Society with substantial contributions.

Medical science illustrates that there are two ways to die from radiation poisoning: Fast burn and slow burn. Nuclear flash-burned Japanese had parts of their flesh melt off before they died in agony within hours or days. People have also quickly died after walking through powerful radar beams, which can microwave-cook internal organs within seconds of exposure. Slow-burn radiation mechanisms are cumulative, progressive, ongoing and continual. Thousands of Japanese nuke bomb victims died painfully years after exposure. The slow burn process of RF/microwave exposure is manifested by cancer clusters commonly found in communities irradiated by cell tower transmitters. Recent Swedish epidemiological studies confirm that, after 2,000 hours of cellular phone exposure, or a latency period of about 10 years, brain cancer risk rises by 240 percent.

[* For the location of cell tower antennas in your neighborhood Click Here *](#)

Communications antennas now blast the human habitat with many different electromagnetic frequencies simultaneously. Human DNA hears this energetic cacophony loud and clear, reacting like the human ear would to high volume country music, R&B plus rock and roll screaming from the same speaker. Irradiated cells struggle to protect themselves against this destructive dissonance by hardening their membranes. They cease to receive nourishment, stop releasing toxins, die prematurely and spill micronuclei fragments into a sort of "tumor bank account." This is precisely how microwave radiation prematurely ages living tissues. The constant roaming pain is intense for 32-year-old Kenneth Hurtado of Southern California. He's been to hell and back, starting with a seven-pound tumor on a kidney, diagnosed in 2002. The cancer spread to his brain. His first brain tumor was removed by craniotomy, the second by the cyber knife. In 2005, cancer nodes were found in his lungs. By 2006, the cancer had metastasized to his legs. This year he is battling three excruciating tumors on his spinal cord. Hurtado hates his seizures. His last one came on while he was driving. *"It's like the devil taking over your body,"* he says.

Now unable to work, Hurtado says he was relatively healthy in 1998 when he began a career as an installer for a large international corporation manufacturing electronics equipment for wireless providers. At the base of cell towers there is an equipment "hut" where installers assemble the radios, amplifiers and filters which generate man-made microwave frequencies and

route them up to transmitter antennas through huge cables. Mounted on sector supports aptly named alpha, beta and gamma, the antennas send and receive these carcinogenic radio waves and their pulsed data packets at the speed of light. Posted on locked fences around the huts are "danger" warning signs. Hurtado says, *"You look around these sites and you find many dead birds on the gravel. They can't take the radiation and they'll just die. You don't have to ponder that too long to figure it's bad."* Hurtado doesn't know how much radiation he got on the job. He says there are at least four connection spots inside the hut where radiation can leak. He could not avoid the "heat" when he turned the radios on for testing and he wonders if his cancer is the result. *"When I first got hired, we had safety meetings, but they pretty much minimized the hazards,"* he remembers. He was issued no electromagnetic safety clothing and it was not until 2002 that he got a radiation meter to wear. *"The meter is supposed to warn you if you are getting too much radiation,"* he says, *"but I put mine on a stick and placed it next to antennas and the alarm never went off."*

A medical report in the International Journal of Occupational and Environmental Health confirms that workers exposed to high levels of RF/microwave radiation routinely have astronomical cancer rates. The report notes that, for these workers, the latency period between high radiation exposure and illness is short compared to less exposed populations. Hurtado says there are many industry workers who are dangerously over-exposed. *"I've talked to guys on power crews who have to climb around the antennas and they've told me that before a work day is half over, they start feeling really sick."* He adds, *"In my mind they are getting cooked."*

Hurtado suspects that, since the early days of the wireless buildout, there has been illegal activity related to public exposure from transmission sites. *"I'm pretty sure,"* he says, *"that some of the carriers are exceeding FCC exposure limits. They can turn the radios and amplifiers up to get a bigger footprint and they don't care if the alarms go on once the installers are gone."* Regulatory inspectors could identify violators because channels can be spectrum analyzed. *"But,"* he says, *"there is just no one to check and I believe that the public is getting way too much radiation now."* The Federal Communications Commission (FCC), the single agency with authority to regulate the broadcast/communications industry, has neither money, manpower nor motive to properly monitor radiation output from hundreds of thousands of commercial wireless installations spewing carcinogenic waves across the nation. The FCC admits that physical testing to verify compliance with emissions guidelines is relatively rare. Critics say that FCC appointees, with virtually no medical or public health expertise, represent an old-boy network and a cheering squad for the telecommunications and broadcast industries. The Center for Public Integrity found that FCC officials have been bribed by the industries with such perks as expensive trips to Las Vegas.

Dr. Carlo confirms that there is no regulatory accountability. He says, "You have to go to those base stations and independently measure what is coming out of them because we have had many instances where you have an antenna that is allowed by law to transmit at 100 watts and we have seen up to 900 to 1000 watts. You can turn things up when nobody is looking." Neighborhood groups monitoring the broadcast/communications antenna farm on Lookout Mountain near Denver, Colorado, have consistently found that, despite protests to the FCC over nine years, radiation on the mountain has been measured at up to 125 percent of exposure levels permitted by federal law. Even if there were reliable compliance monitoring, many experts say that FCC public exposure guidelines for RF/microwave radiation are deadly because they are based on the obsolete and unfounded theory that only power density hot enough to flash-cook tissues is harmful. This puts FCC at odds with current scientific knowledge regarding the minimum exposure level at which harm to living cells begins.



Myriad symptoms of radiation poisoning can be induced at exposure levels hundreds; even thousands of times lower than current standards permit. Russia's public exposure standards are 100 times more stringent than ours because Russian scientists have consistently shown that, at U.S. exposure levels, humans develop pathological changes in heart, kidney, liver and brain tissues, plus cancers of all types. Norbert Hankin, chief of the EPA's Radiation Protection Division, has stated that the FCC's exposure guidelines are protective only against effects arising from a thermal (flash burn) mechanism. He concedes that, "the generalization by many, that these guidelines protect human beings from harm by any and all mechanisms, is

not justified."

Thus, public microwave exposure levels tolerated by the FCC and its industry-loaded advisory committees are a national health disaster. Yet, for pragmatic and lucrative reasons, federal exposure limits have been deliberately set so high that no matter how much additional wireless radiation is added to the national burden, it will always be *"within standards."* The FCC regulatory mess comes into focus with the Likely Mountain case. Jasso says that when she and Garcia contacted the FCC regarding their radiation injuries, they were met with an appalling lack of expertise and concern. *"FCC has no answers,"* Jasso says. *"Their exposure guidelines are convoluted and nonsensical. They refuse to address problems of multiple antennas, field expansion, human body coupling and blood reversal because they want to avoid regulatory problems at telecommunication sites."* She adds, *"FCC will fine a licensee thousands of dollars for not having a light installed on top of a telecommunications tower, but they have not issued even a warning letter to their licensees for the injuries that occurred on Likely Mountain. They say injury cannot occur because their licensees are regulated."*

When Garcia and Jasso filed suit against companies operating microwave transmitters on Likely Mountain, they could find no attorney who would take their case and they were forced to proceed pro se. In August, 2007, a California district court denied their claim, mainly on the grounds that they had not proven that the defendants had exceeded FCC exposure guidelines. Under federal law the shattered health of 24 people, plus medical testimony, is not sufficient proof of negligence and liability. Since FCC provides no enforcement monitoring at transmitter sites and since the radiation industry is not required to prove with consistent documentation that it is compliant, injured parties have little chance of proving non-compliance because the damage to their health often becomes obvious months or even years after their exposure.

The court worried that the Garcia-Jasso case highlights *"the conflict between the FCC's delegated authority to establish RF radiation guidelines and limits and plaintiffs, attempt to establish that wireless facilities like the one at Likely Mountain are ultrahazardous."* So, while current science provides ample evidence that FCC's guidelines are ultrahazardous, the radiation industry hides behind FCC incompetence, simply because FCC retains exclusive authority to set the standards. The FCC's disastrous authority is calcified by the Telecommunications Act (TCA) of 1996. The telecom industry is infamous for lavish *"donations"* which keep legislators on its leash. Anticipating a national radiation health crisis and the public backlash that would follow, the telecom lobby blatantly bought itself a provision in the law that prohibits state and local governments from considering environmental (health) effects when siting personal wireless

service facilities so long as *"...such facilities comply with the FCC's regulations concerning such emissions."* Many say the TCA insures that America's war on cancer will never be won, while protecting gross polluters from liability.

After passage of the TCA, a group of scientists and engineers, backed by the Communications Workers of America, filed suit in federal court. They hoped the Supreme Court would review both the FCC's outdated exposure guidelines and the legality of a federal law that severely impedes state and local authority in the siting of hazardous transmitters. In 2001, the Supreme Court refused to hear the case. The group's subsequent petition to the FCC asking the agency to bring its exposure guidelines current with the latest scientific data was denied. This is where we stand today. The public has no vote, no voice, no choice. Chronic exposure to scientifically indefensible levels of DNA-ravaging radiation is now compulsory for everyone in America. This is why Garcia and Jasso are ill today; this why the industry enjoys unchallenged power to place dangerous transmitters in residential and commercial areas with unsafe setbacks and this is why untold thousands of Americans in buildings with transmitters on the roof are given no safety warnings, though they work and dwell in carcinogenic electromagnetic fields. In the meantime, the radiation industry rakes in \$billions in quarterly profits, none of which is set aside for to pay for the national health catastrophe at hand.



Every citizen is now condemned to protect and defend himself against radiation assault as best he can. There have been a number of lawsuits against the radiation industry since cell towers began going up in backyards across the nation. In 2001, a group action lawsuit was filed in South Bend, Indiana, by families living in close proximity to towers. The complaint describes health effects suffered by the plaintiffs, including heart palpitations, interference with hearing, recurring headaches, short term

memory loss, sleep disturbances, multiple tumors, glandular problems, chronic fatigue, allergies, weakened immune system, miscarriage and inability to learn. The South Bend suit was settled out of court on the basis of nuisance and decreased property values. Health claims don't hold water if emissions are within FCC exposure standards. This case is valuable for understanding the lunacy of FCC standards. The sick families enlisted the help of radiation consultant Bill Curry, who honed his expertise as an engineer for Argonne and Livermore labs. Dr. Curry found that one of the towers was irradiating homes at over 65 microwatts per square centimeter. This power density is well within federal exposure standards, which allow any neighborhood to be zapped with at least 580 microwatts per square centimeter, or higher, depending on the frequencies. If the families were sick at 65 microwatts/cm² what would they be at 580? Considering that the Soviets used furtive Cold War microwave bombardment to make U.S. embassy personal radiation-sick at an average exposure level of only .01 microwatts/cm², America's clear and present danger is obvious. How radiation sick is America?

Since the wireless revolution began wave-nuking the U.S. in the 1990s, there have been no federally funded health studies to assess the cumulative effects of ever-increasing communications radiation on public health. There is no national database enabling citizens to study the location of transmitters in their areas. Local and state governments can offer no information on how much commercial wireless radiation is contaminating their populations. When trying to find out who owns a tower or which companies have transmitters on that tower, citizens usually hit a brick wall. Dr. Carlo heads the only independent, post-market health surveillance registry in the nation where people can report radiation illness. Dr. Carlo says the registry has heard from thousands of people who believe that their illnesses, including brain and eye cancers, are due to telecommunications radiation from both wireless phones and tower transmitters. In the last two years, the registry has seen an upsurge in reports as transmitters become ever more energetically dangerous in order to accommodate increased data flow for new, multi-media technologies.

We can only guess how many Americans are in their graves today from microwave assault. Arthur Firstenberg, who founded the Cellular Phone Task Force, wrote that, on November 14, 1996, New York City's first digital cellular provider activated thousands of PCS antennae newly erected on the rooftops of apartment buildings. Health authorities reported that a severe and lingering flu hit the city that same week. In response to its classified newspaper ad advising that radiation sickness is similar to flu, the Task Force heard back from hundreds of people who reported sudden onset symptoms synchronous to microwave startup' symptoms similar to stroke, heart attack and nervous breakdown. Firstenberg then gathered statistics from the U.S. Centers for Disease Control and analyzed weekly mortality

statistics published for 122 U.S. cities. Each of dozens of cities recorded a 10-25 percent increase in mortality, lasting two to three months, beginning in the week during which that city's first digital cell phone network began commercial service. Cities with no cellular system start up in the same time period showed no abnormal increases in mortality.

Studies abroad

Recent health surveys in other nations confirm that people living close to wireless transmitters are in big trouble: In 2002, French medical specialists found that people living close to cell towers suffered extreme sleep disruption, chronic fatigue, nausea, skin problems, irritability, brain disturbances and cardiovascular problems. German researchers found that people living within 1,200 feet of a transmitter site in the German city of Naila had a high rate of cancer and developed their tumors on average eight years earlier than the national average. Breast cancer topped the list. Spanish researchers found that people living within 1,000 feet of cellular antennas had statistically significant illness at an average power density of 0.11 to 0.19 microwatts /cm², which is thousands of times less than allowed by international exposure standards. An Egyptian medical study found that people living near mobile phone base stations were at high risk for developing nerve and psychiatric problems, plus debilitating changes in neurobehavioral function. Exposed persons had significantly lower performance on tests for attention, short term auditory memory and problem solving. Researchers in Israel studied people in the town of Netanya who had lived near a cell tower for 3-7 years. They had a cancer rate four times higher than the control population. Breast cancer was most prevalent.

Europe in an uproar

A new European Union poll of more than 27,000 people across the continent reveals that 76 percent of respondents feel that they are being made ill by wireless transmitters. Seventy-one percent in the UK believe they suffer health effects from mast (cell tower) radiation. In April 2007, The London Times reported a startling number of cancer clusters in mast neighborhoods. One study in Warwickshire, found 31 cancers around a single street. Some sick Brits send their blood to a lab in Germany, which uses state of the art methodology to confirm wireless radiation damage. Radiation sickness is now so prevalent in Germany that 175 doctors have signed the Bramberger Appeal, a document calling the situation a *"medical disaster."* It asks the German government to initiate a national public health investigation. This appeal closely follows the Freiburger Appeal, signed by thousands of German doctors who say they are dealing with an epidemic of severe and chronic diseases among both old and young patients exposed to wireless microwave radiation. The head of the cancer registry in Berlin found that one urban area with cellular antennas had a breast cancer rate seven times the national average.

Sweden was one of the first nations to go wireless. Swedish neuroscientist, Dr. Olle Johansson, with hundreds of published papers to his credit, says that a national epidemic of illness and disability was unleashed by the wireless revolution. Long periods of sick leave, attempted suicides and industrial accidents all increased simultaneously with introduction of mobile phone radiation. Ninety-nine percent of the Swedish population is now under duress of powerful third generation masts. Johansson reports that people are plagued with sleep disorders, chronic fatigue that does not respond to rest, difficulties with cognitive function and serious blood problems. Recurrent headaches and migraines are a *"substantial public health problem,"* he says. Rooftop transmitters, which readily pass microwave radiation into structures, can be a death sentence. Across the world there are reports of cancer clusters and extreme illness in office buildings and multi-tenant dwellings where antennas are placed on rooftops directly over workers and tenants. In 2006, the top floors of a Melbourne University office building were closed after a brain tumor cluster drew media attention to the risks of communications transmitters on top of the building. Likewise, ABC's Brisbane television complex, topped with satellite dishes and radio antennas, was the site of a well-publicized breast cancer cluster among workers.



In the meantime, the radiation cowboys of America are having a good old time because they know there's no sheriff in town. The commercial wireless industry is relentless in its drive to construct thousands of new transmitter sites in neighborhoods and schoolyards everywhere, while adding more powerful antennas at its older sites. Countless Wi-Fi systems, both indoors

and out, accommodate wireless laptop computers, personal digital assistants, Wi-Fi-enabled phones, gaming devices, video cameras, even parking and utility meters. Hundreds of cities already have or are planning to fund Wi-Fi networks, each consisting of thousands of small microwave transmitters bolted to buildings, street lamps, park benches and bus stops. Some networks are being buried under sidewalks. These access points or "nodes" blast carcinogenic energy at 2.4 to 5 gigahertz with virtually no warning signs about radiation exposure. Wi-Fi radiation is unregulated by the FCC. Sprint-Nextel and Clearwire are now rolling out in U.S. cities tower-mounted WiMAX transmitters providing wireless internet access *"to die for."* WiMAX is Wi-Fi on steroids. Upon startup of WiMAX transmitters near the Swedish village of Gotene, the emergency room at the local hospital was flooded by calls from people overcome with pulmonary and cardiovascular symptoms.

WiMAX radiation could one day be cranked up to a bone-incinerating 66 gigahertz. A single WiMAX tower could provide internet coverage for an area of 3,000 square miles, although coverage for 6-25 square miles is the norm now. Promoters say WiMAX may someday replace all cable and DSL broadband services and irradiate virtually all rural areas. Yet, not a single environmental or public health study has been required as the industry unleashes infrastructure for this savage new wireless technology from which no living flesh will escape. The commercial ray-peddlers are not alone in their quest to make the U.S. a radiation wasteland. In August, 2007, Congress approved new Homeland Security legislation which funds a program to "promote communications compatibility between local, state and federal officials." We catch a glimpse of what this portends as the state of New York gears up to erect hundreds of new wireless installations for a *"Statewide Wireless Network (SWN)."* This system will blanket 97 percent of the state, allowing agencies at various government levels to communicate instantly while greatly adding to the fog of commercial wireless pollution. The New York Office for Technology says that the radiation power densities of the system will be within FCC limits. That assurance should give us the shivers.

Angela Flynn, a 43-year-old caregiver, lives in Santa Cruz, California. Last spring she took classes at a local church where wireless antennas were concealed in a chimney on the building. She recalls, *"Every muscle in my body felt sore. And my joints were feeling creaky. My instructor mentioned how people at the women's center on church property had similar symptoms. During my sixth day I had a severe reaction. My short term memory was gone and I was disoriented and confused. When the instructor asked a question, I could not recall anything from the lecture."* At night, Angela could not sleep and she would lie awake, feeling her body buzz. She became hypersensitive to other sources of electromagnetic radiation. The symptoms became so bothersome that she canceled the rest of her course.

Using a chart for calculating cumulative, non-ionizing, electromagnetic radiation exposure levels, she found that the classes *"located only 100 feet from antennas in the building"* had suffered the highest possible exposure during peak operation. *"It took a month before I regained my health,"* she reports.

When Angela wrote letters to the church inquiring whether it was monitoring the health of the people exposed to antenna radiation, church officials were "unresponsive and dismissive." So Angela saw the light. She helped organize a community group to put pressure on county officials for answers. After hearing community testimony, officials directed the zoning department to create a comprehensive map of county transmitter sites and to put together a report on emissions testing. Angela says, *"We recently had a delay of an installation of a tower near a middle school. The superintendent has even come out against the tower and was instrumental in delaying the hearing on the site. He also arranged a school board meeting on the issue."* Angela's efforts to share critical information with her community made a difference. America must soon face its radiation cataclysm. The EMR Network says that millions of workers occupy worksites on a daily basis where operating antenna arrays are camouflaged and where no RF safety program is carried out. Thanks to shameless predatory advertising techniques, American youth are now literally addicted to *"texting,"* watching TV and accessing the Internet on tiny wireless screens. These are the toys that keep cell towers and Wi-Fi hot spots buzzing. A nation that requires compulsory mass irradiation to fuel its trivial entertainment needs is surely destined to have a sickly and short-lived population.

Right now, 11.7 million Americans have been diagnosed with cancer. Because humans can harbor cancer conditions for years before detection, additional millions of cancer victims are yet undiagnosed. The *'Journal of Oncology Practice'* predicts that, by 2020, there will be so many cancer cases in the U.S. that doctors may not be able to cope with their caseloads. The report concludes the nation could soon face a shortage of up to 4,000 cancer specialists. A recent CBS news series on the raging American cancer epidemic left viewers with the mindset that trainloads of federal cash must flow if we are to find the cancer answer. But a proven cancer initiator now inundates our cities, roadways, schools, offices and homes. Any environmental stressor that jackhammers human cells at millions to billions of cycles per second is a cancer factor. Any wave-pollution that breaks the DNA and causes pre-cancerous micronuclei in human blood is a cancer factor. Logic tells us that there will be no *"answer to cancer"* until we eliminate the cancer factors. Wireless communications radiation is to America today what DDT, thalidomide, dioxin, benzene, Agent Orange and asbestos were yesterday. Historically, the truth about the public health menace of extreme toxins is never told until thousands sicken and die.

Dr. Robert Becker, noted for decades of research on the effects of electromagnetic radiation, has warned: *"Even if we survive the chemical and atomic threats to our existence, there is the strong possibility that increasing electro-pollution could set in motion irreversible changes leading to our extinction before we are even aware of them. All life pulsates in time to the earth and our artificial fields cause abnormal reactions in all organisms. These energies are too dangerous to entrust forever to politicians, military leaders and their lapdog researchers."* Our mission to save the nation's health and restore sanity in the wireless age seems daunting. The wireless juggernaut is an aggressive, mean machine. Federal regulators are clearly compromised and incompetent to protect the public health. Uninformed consumers dearly love their magic digital toys and don't yet understand the connection between those toys and a national raging cancer epidemic that may consume us all. Powerful economic interests have lied to us long enough. Americans deserve the facts. We need dialogue. Wireless radiation is a form of electronic trespass. America must decide whose rights are more important' idlers beaming death rays for piddling gibberish or the elderly with pacemakers who are made ill by cell phone and tower radiation wherever they go. Must we all prematurely perish so that wireless enthusiasts can capture cell phone photos and instantly send them for processing via carcinogen express? Must all neighborhoods become sick zones so that radiation addicts can receive recipes, ads and other frivolous text messages on their cell phone toys? Does a human being have the right to NOT be forcibly WiMAXED into a coffin, or do only wireless providers and their devotees have rights? What can we do?

We can commit to join the growing radiation awareness movement and continue educating ourselves and others. We can employ digital and audio radiation detectors to help safeguard our personal health and to demonstrate the ceaseless brutality of ubiquitous wireless radiation which threatens the genetic integrity of future generations. We can promote emerging technologies that could make communications technologies safer. We can demand that federal radiation exposure standards and setback requirements be updated to reflect the realities of modern science. Federal communications law must be rewritten so that local jurisdictions can regain their right to consider health and environment when reviewing wireless siting applications. We can insist that wireless emissions from transmitters be drastically reduced as they are in Austria and Russia. We can demand routine compliance testing at all transmitter sites. We can see to it that people who have been living and working near powerful transmitters be given opportunity to report their resulting illnesses in national surveys. Proper epidemiological studies must be conducted and their results published and broadly disseminated.

Each of us can break the seductive, but oppressive wireless habit ourselves. We can play no game, use no wireless Internet system, make no trivial

phone call that necessitates enlarging America's dense forest of wireless transmitters. If no one buys WiMAX-enabled devices and related services, this dangerous system will fail. Whenever possible, we can go back to the old-fashioned, corded phones and message machines which made yesteryear a far more healthy time. Cordless household and office phones emit powerful megahertz or gigahertz microwave radiation, causing damage to hearing, eyesight and brain function. DECT cordless phones irradiate a huge area even when not in use. We can encourage others to contact us by conventional land line phones only. Can we enjoy a leisurely conversation knowing that an irradiated caller risks disease and disability for mindless chatter? What good is wireless convenience if it means being ultimately tethered to a hospital bed? We can teach our children that health is more important than passing convenience and instant gratification.

According to OSHA, no environment should be deliberately made hazardous. Backed by current scientific knowledge, we can refuse to work or shop in an environment which endangers our health. We can demand that megahertz and gigahertz cordless phones, walkie talkie radios, WLAN and Wi-Fi systems be removed from schools, offices, hospitals and any public place where people are grossly irradiated without their informed consent. Second hand smoke is bad; second hand radiation is worse. We wish to thank the courageous radiation victims interviewed for this report who have generously revealed the details of their personal suffering in order to warn others. Following their example, we must continue undaunted in the moral quest to protect the national health and restore the world to sanity before it is too late.

Meters and resources

The Electrosmog Detector allows you to HEAR the intensity of RF/microwave pollution in your environment. Developed by British radiation expert Alasdair Phillips, this battery-operated device will quickly allow you to identify dangerous RF/microwave hotspots, even where transmitters are concealed, and take action to protect yourself. This meter is \$99 (price includes shipping) and can be obtained from HEARING IS BELIEVING, Box 64 Hayden, Idaho 83835. E-mail: gzz@icehouse.net. The Trifield Meter (\$145), produced by Alpha Lab, is used mainly to measure the milligauss of electromagnetic fields coming from 60 hertz sources. Use this digital meter to make sure your living and working spaces are under 2 milligauss. Alpha Lab's Microwave Power Density Meter (\$320) is a more sensitive digital microwave meter that will help you assess the kilohertz, megahertz and gigahertz radiation in our wireless environment. This easy-read meter measures microwave radiation in microwatts per cm², allowing comparison of your readings to the power density used by the Russians to make our embassy staff sick. Remember, people inside the embassy reportedly received only about .01 microwatts per cm². For more information, contact Alpha Lab Inc., 1280 South 300 West, Salt Lake City, Utah 84101; (800) 658-

7030; www.trifield.com

Alan Broadband produces radiation detection devices with models ranging in price from \$159 to \$2,800. The \$159 model, while not giving detailed readings, is an extremely sensitive and sturdy instrument that gives an accurate dial read on whether or not radiation is present and its relative intensity. It lets you know when you are being irradiated and serves as an excellent tool to illustrate exposure levels to others. For more information, contact Alan Broadband 93 Arch St., Redwood City, California 94062; (888) 369-9627; www.zapchecker.com.

Books

Cell Phones: Invisible Hazards in the Wireless Age, Dr. George Carlo and Martin Schram, Carroll & Graf Publishers, 2001. Cellular Telephone Russian Roulette, Robert C. Kane, Vantage Press, 2001. Cell Towers: Wireless Convenience or Environmental Hazard? The Berkshire-Litchfield Environmental Council, Edited by B. Blake Levitt, 2000. Order from Barnes and Noble.

Websites

These websites provide excellent information on all aspects of health and other issues relating to electromagnetic fields and radio frequency/microwave radiation. www.buengerwelle.com This excellent German (but in English) site features RF/microwave radiation news from all over the world. The science keeps pouring in and this is where to find it, along with lots of human interest. www.cprnewsbureau.org This is an excellent source of up-to-date news on wireless issues. www.emrnetwork.org This site has superb resources organized by professionals with expertise in all facets of our RF/microwave radiation problem. www.safewireless.org This site features Dr. Carlo's Mobil Telephone Health Concerns Registry where people can report ill health effects from living near microwave transmitters or from the use of wireless devices. It also features great news reports. www.microwavenews.com This is home to Microwave News, an excellent monthly publication. It offers cutting edge science reports, plus a great archive. www.sageassociates.net This site provides valuable information on how to make homes and offices safer in the wireless age.

CAUTION: There are many devices on the market claiming to protect wireless users from radiation. These include: air tube headsets, ferrite bead clip-ons and an array of paste-on's advertised to cut down on thermal effects or deflect negative energy. Energy testing, kinesiology and meter readings indicate that these mitigation devices DO NOT adequately protect against the brutal force of near field microwave radiation. You can investigate the effectiveness of these devices by metering radiation levels while using them. If radiation pours from your "safe" headset, don't bank your life on it. If

practiced in the art of kinesiology, you can also "*muscle test*" the effectiveness of the radiation mitigation device. The human body becomes very weak when irradiated with any man-made frequency, especially microwaves. If a protective device is really working, you will not detect muscle weakness when the body is near a transmitting wireless phone or gadget.

OUR BEST TIP: If you want a safe household phone, find an AT&T corded speaker phone 950, available at most large office supply stores. It emits no microwave radiation, holds up to heavy use, has a great digital display screen and allows hands-free conversation.

I use the LANEX AF-5000 Tri-field meter. What I like about this EMF Meter it can read **5G** up to 10 GHz and it costs under \$200. I keep it close to my physical and my IT grandson is in the process of "hard-wiring" our electronics since my Lymphedema was a direct result of installing Wi-Fi back in 2010. It was five days from Verizon installing Wi-Fi until my legs began blistering and leaking lymphatic fluid. I was admitted to a local hospital where the doctors were unable to identify my problem or its cause. Enough said from a personal experience.

I will simply add that I do not watch television in my living room. I was shocked to see the readings coming from my Tri-field meter while sitting in my lift chair. The Wi-Fi router is located below the TV stand when reclined my feet were within two feet of the router. The readings were always in the red or danger zone whenever I watched TV. The impact really sets in when you can read the electromagnetic data for this invisible energy source that is being taken for granted.

Blessings,

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