

[Our Governments Say EMFs Are Safe – Should We Believe Them?](#)

Posted by Lloyd on June 11, 2013 under [EMF facts](#) | [Be the First to Comment](#)

I'm no conspiracy theorist.

But if there's one thing I do know, it's that EMF exposures are highly detrimental to human health.

I can say this with absolute certainty.

My body taught me this.

It was from this standpoint of absolute certainty that I started looking at the research.

And from the research I stumbled on the controversy.

Because when there's so much at stake (money & peoples lives) there is inevitably some controversy.

The biggest controversy surrounding this whole issue is the way the proof that cell phone radiation is harmful uncovered by the Telecoms industry's own expert, Dr George Carlo, was swept under the carpet.

This was all more than 10 years ago. Ancient history you might say.

Fast forward to 2013: President Obama, nominates Tom Wheeler as the head of the FCC (Federal Communications Commission). Interesting tidbit, Tom Wheeler was the guy who hired Dr. Carlo in 1993 to research the effects of cell phone radiation and then promptly discredited Dr. Carlo in 1999 when he didn't like the result of that research.

Does all this sound like some sort of conspiracy?

Here is the full story sent to me by, Jenna, one of my readers – many thanks to Jenna for this excellent piece.

Read the story and then make your own mind up.

(To get your voice heard on the current FCC review [click here](#).)

“On January 21, 1993, David Reynard told CNN talk show host Larry King why he was suing the wireless industry. Reynard was alleging that the fatal brain tumor suffered by his late-wife Susan had been caused by her cell phone. The deceased woman's doctor, who was also a guest on the show, had brought an x-ray of the tumor. In a demonstration that would send a shockwave around the world, the doctor held his former patient's cell phone next to her x-ray. The location of the tumor corresponded exactly with the location of the cell phone's antenna.

Nine years earlier, in 1984, the FDA had exempted cell phones from premarket testing before allowing them to be marketed to the public. Few people who bought the phones knew they emitted microwave radiation. And almost no one knew about a study published in 1975 by a Stanford University biophysicist/ neuroscientist named Allan Frey. The results of Dr. Frey's research had shown that microwaves “with certain modulations” could cause leakage in the blood-brain barrier, with possibly lethal consequences.

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Fifteen years later in 1998, research headed by another American scientist, George Carlo, would confirm Dr. Frey's finding. Dr. Carlo had been given \$25 million dollars in 1993 by the Wireless Trade Association (CTIA) – three months after the "damaging" Larry King Live interview – to oversee research intended to reassure panicked cell phone users.

In his book published in 2001, [Cell Phones: Invisible Hazard in a Wireless Age](#), Dr. Carlo tells the inside story of what happened when the results of this research were not reassuring.

The following pages summarize the events in Dr. Carlo's book.

Government / Wireless Industry in the United States

1984 – 2013

In 2007, a down-to-earth, articulate senator from Illinois gave hope to millions of Americans with his heartfelt speeches about "lobbyists" and "special interests"— and how they had "turned our government into a game only they could afford to play."

In announcing his campaign for the 2008 presidential election, the senator promised if elected "to close the revolving door that brings major industry players into positions in government that regulate those industries." [italics added]

1984

Despite evidence that the direct exposure to low-level microwave radiation might not be safe, the FDA exempted cell phones from premarket testing in 1984, allowing them to be released to the public without any FDA oversight.

Same Year

Ironically, that same year, the U.S. Air Force completed a 2-year study on the long-term effects of low-level, pulsed microwave radiation (or Wi-Fi). The results of the study, published in 1992, would reveal that long-term exposure to the 2.4GHz radiation (the same frequency used by cell phones) resulted in a 260% increase in primary tumors and a 100% increase in metastatic tumors.

Jan 21, 1993

It wasn't until nine years later, however – when David Reynard appeared on the Larry King Live show with his late-wife's doctor – that the general public would learn about the potential danger they could be exposing themselves to, simply by putting their cell phone next to their head.

Following Days

To keep the public buying and the regulators at bay, Tom Wheeler – president and chief lobbyist for the wireless industry's powerful trade association CTIA – made an offer to the FDA. The industry would agree to fund and conduct a large, postmarket

study on the safety of cell phones, if the FDA would agree not to regulate cell phones until this research was complete.

Not having done its job back in 1984 before allowing cell phones to be marketed, the FDA potentially had as big a problem as the industry.

Putting its own self interest before that of the public, the FDA accepted Wheeler's offer.

Jan 28, 1993

On June 28, 1993 – exactly one week after the Larry King Live show, Wheeler held a press conference to announce that the wireless industry would sponsor a large research program to investigate the safety of cell phones.

April, 1993

Three months later, Wheeler hired an epidemiologist and public health scientist named George Carlo to head the industry's \$25 million dollar research program intended to reassure the public that cell phones are safe.

Spring–Fall, 1993

Carlo hired close to 200 leading scientists from around the world to perform the research that he would oversee. In addition, he created a peer-review board chaired by Harvard University School of Public Health's well-respected Dr. John Graham.

1993-1994

A conflict between Carlo and Wheeler developed when the scientist insisted on developing the "exposure tools" he felt were necessary to ensure the accuracy of the research results. Wheeler – who had made it clear that the purpose of the research was to reassure the public – would grow increasingly uneasy with Carlo.

1995

In 1995, Carlo discovered that his projected costs for the year were more than \$6 million dollars over what the industry said was available. Eventually Carlo would learn that the \$6+ million dollars had been spent on public relations by Wheeler.

1996

By 1996, Carlo's research program was running a deficit. The financial crisis triggered a dispute between Carlo and Wheeler that became known throughout the industry, government, and among trade press journalists.

Also in 1996

That same year, the FCC began auctioning off radiofrequency bands in the microwave portion of the RF spectrum. The FCC agreed to finance a major part of the costs in exchange for a portion of the revenues from cell phones – and later Wi-Fi, which in 2000, would begin to be rolled-out on a massive scale.

This extremely profitable arrangement, which cost the government nothing, secured the infrastructure for wireless technology, rather than fiber optic – which is almost 900,000X faster than wireless and has no health risks.

1997

With the aid of their attorneys, Carlo and Wheeler were able to work out a compromise in 1997. Although the scope of the research as originally planned would be drastically curtailed, the compromise allowed some vital research to go forward.

Dec 21, 1998

On December 21, 1998, Carlo had his first alarming finding: 2.4GHz microwave radiation (used with cell phones, Wi-Fi, and other devices) appeared to cause micronuclei in human blood samples.

This was particularly alarming in view of the strong correlation between micronuclei and cancer. After the Chernobyl accident in 1986, the presence of micronuclei in the blood was used to identify children at high risk for developing cancer.

Following days

Not long after the startling results came in, Dr. Carlo's house burned down. The authorities concluded that it was arson, but were never able to solve who did it.

Jan 1999

The following month, the micronuclei results were reproduced, providing conclusive evidence that radiation from a cell phone's antenna causes cancer. The results also explained the studies in the scientific literature reporting leakage in the blood-brain barrier, discovered in 1975 by Dr. Allan Frey.

Febr 1999

At the February 9, 1999, wireless trade show, Carlo reported his findings, and urged the industry to take appropriate steps to protect the public. Although a voice vote was taken pledging to do the right thing, the vote was never recorded.

Oct 1999

When it became apparent that neither the industry, nor the FDA, had any intention of informing the public about the research findings, Carlo agreed to be interviewed. A journalist from the Boston Globe later reported:

Almost nobody expected George Carlo, of all people, to warn consumers about the possible dangers of cell phones. Back in 1993, Carlo was dubbed "industry boy" by consumer advocates ... But now that the project is winding down and its final report is due later this year, Carlo has created a stir by saying that consumers should take some precautions when using cellular phones, even while scientists at the US Food and Drug Administration and elsewhere say that cell phones do not pose any danger to users. [italics added]

Febr 2000

In February 2000, Carlo gave his final report to the industry; and in the summer of 2000, he published the results of this research in the peer-reviewed, online journal, Medscape.

Oct 2000

In late October, Carlo shared the results of his research with the American public on national TV. He also informed viewers that, if they used a cell phone, they were twice as likely to suffer from brain cancer and rare tumors as non-users.

Wheeler, who was given an opportunity to express his view, told 20/20:

Our industry has gone out and aggressively asked the question, 'Can we find a problem?' And the answer that has come back is that there is nothing that has come up in the research that suggests that there is a linkage between the use of a wireless phone and health effects.

Following weeks

The industry's response to what it viewed as "Carlo's betrayal" was to try to discredit the scientist – no small task, given that the actual research had been conducted by close to 200 leading scientists from around the world, and peer-reviewed by a board that was chaired by Harvard University's Dr. John Graham.

Two things the industry still had in its favor, however, were (1) the support of the US federal government, and (2) a lot of money.

2000

Despite accusations that the health effects of cellular phone radiation were being withheld from consumers by the wireless industry and the US government, the FDA proposed a collaborative project with the wireless industry to investigate the issue of whether cell phones presented a danger to the public.

The "Cooperative Research and Development Agreement" (or CRADA agreement) that was subsequently signed had been rejected by the FDA back in 1993 as a "conflict of interest."

Summer 2001

During the summer of 2001, the Larry King Live show once again opened with a guest who was suing the wireless industry. This time it was a Baltimore physician who had developed a brain tumor near where he'd always held his cell phone ... and this time, the wireless industry was prepared.

After the responses of the defendants (Motorola and Verizon) were read, two scientists, both of whom – apparently unknown to the show's producers – had previously worked for the industry, gave their input. And finally, the director of the FDA Center for Devices and Radiological Health gave his. Everyone was in agreement that "low-power radio signals" from wireless phones posed no known health risks. As evidence, they cited the conclusions of the FDA and "other authoritative bodies around the world."

Fall 2001

Also in 2001, Dr. Carlo published his book, *Cell Phones: Invisible Hazards in the Wireless Age*. The book provides an insider's account of the events that took place during the six years Carlo was Chief Scientist for the wireless industry. It also summarizes Carlo's findings about genetic damage and cancer.

May 1, 2013

On May 13, 2013, President Barack Obama – apparently having forgotten about his 2008 presidential campaign promise "to close the revolving door that brings major industry players into positions in government that regulate those industries" – nominated Tom Wheeler to head the FCC.

This is the same man who, in 1993, hired Dr. Carlo to conduct research to investigate the safety of cell phones— and then, in 1999, lied to the American people about the results of Dr. Carlo's research.

References

Cell Phones: Invisible Hazards in a Wireless Age (Avalon, 2001) This book is available on Amazon.com.

News release by 20/20 on Carlo interview:

<http://www.globalhealingcenter.com/newsletter/2000/july/articles.php?id=1>

Presentations by (and interviews of) Dr. Carlo available on the Internet

Westminster Presentation 2007 – <http://www.youtube.com/watch?v=Bhn9iKiwr08>

Effect of Wireless Radiation at cellular level –

http://archive.org/details/safewireless.orgDangersofthewirelesscellphone_wi-fiandemfage

George Carlo on Wi-Fi in Schools – <http://www.youtube.com/watch?v=lgLO9yR1JIQ>

EMF Cell Phone Dangers Interview – <http://www.youtube.com/watch?v=S9FHPI7DcyY>

Talk Quickly: Your Health is on the Line –

<http://www.youtube.com/watch?v=6D9IsoSX5zq>“

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