

WORLD HEALTH ORGANIZATION

**Setting the standard
for a wireless world of harm**



A CALL FOR ACTION AND ACCOUNTABILITY

by OLGA SHEEAN
30 JANUARY 2017

To: Dr Margaret Chan, Director-General, World Health Organization

30 January 2017

Copied to:

- Emilie van Deventer, PhD, Head of the International EMF Project, WHO
- António Guterres, Secretary-General, United Nations
- Catalina Devandas Aguilar, Special UN Rapporteur on the rights of persons with disabilities
- WHO regional offices, government agencies, MPs, investigative journalists, relevant organizations, advocacy groups and scientists worldwide

The World Health Organization is failing the Earth's citizens in the most blatant, destructive manner. In December 2016, a **VOTE of NO CONFIDENCE in WHO and its EMF Project** was initiated in response to the growing concerns among the millions of global citizens being harmed by radiofrequency/microwave radiation. The petition has been signed by thousands of individuals worldwide, with more adding their vote every day as they become aware of how WHO's denial of the proven dangers has stripped them of their health, rights, livelihood, productivity and protection from their own governments. As of today, 30 January 2017, there are 2,003 names on the list (attached), with more being added daily. Details of the voting initiative are shown in appendix 3. Recognizing the significance of this growing discontent with your wilful neglect, and heeding the urgent call to protective action, are important first steps towards addressing an epidemic that threatens all forms of life on our planet. Nothing short of full implementation of the recommendations presented herein will resolve this crisis.

Radiofrequency/microwave radiation is everywhere—constantly and increasingly emanating from cell phones, WiFi routers, cell towers and telecommunications satellites. It is proliferating unchecked and people are suffering and dying because of it. Via its International EMF Project, WHO is supposed to be protecting us from the harmful effects of this radiation—radiation that we cannot see, smell or taste, even though it penetrates and affects every cell of our electromagnetic bodies.

WHO is failing to protect its global citizens from this pervasive pollutant in four key ways:

1. industry infiltration
2. intentional ignorance
3. denial of the science
4. disregard for humanity.

This document provides details of these inexcusable failures and what urgently needs to be done to address them. It also outlines what WHO must do to reverse this destructive course—for itself and for the global citizens it is supposed to protect. One of the most crucial and urgent steps to be taken is the replacement of the head of the EMF Project, Emilie van Deventer (an electrical engineer with zero health credentials) with an independent, unbiased, medically qualified professional who has firsthand experience and knowledge of microwave sickness/electro-sensitivity and the many other devastating consequences, such as brain cancer, neurological disorders, DNA damage and infertility.

You can no longer claim ignorance or justify any further delay. Only one question remains, and what you do next will clearly demonstrate where you stand on this issue:

**Are you committed to forever debating the science, siding with industry and postponing action,
or are you committed to protecting our health?**

The world is watching and we are waiting for your response.

Sincerely,

Olga Sheean

Former international civil servant, brain-tumour survivor and electro-sensitive individual

The full document can also be freely downloaded at <http://olgasheean.com/who-harm>

CONTENTS

ACKNOWLEDGEMENTS.....	4
INTRODUCTION	5
1. INDUSTRY INFILTRATION.....	8
Ignoring the scientific facts on electromagnetic fields (EMFs) and their bio-effects	
Public consultation process—a public farce	
What independent scientists say	
The EMF Project—a front for industry interests	
2. INTENTIONAL IGNORANCE.....	17
Distorting, dismissing and dodging the facts	
Nothing about us without us	
Ignorance of epidemic proportions	
Zero action, zero protection, zero excuse	
3. DENIAL OF THE SCIENCE.....	24
Sanctioning sickness	
Addressing the wireless-connectivity addiction—the key to world health	
Losing our minds	
The ticking time bomb of escalating electromagnetic radiation (EMR)	
The corruption cascade	
4. DISREGARD FOR HUMANITY	34
Dehumanizing our existence	
What kind of world...?	
The microwave crime wave	
The human face of your failure	
On a wing and a prayer: airlines deny the dangers	
How microwave radiation prevents health and prosperity	
WHAT NEEDS TO HAPPEN	44
Appendix 1. Electromagnetic hypersensitivity (EHS)—a summary by Dr Erica Mallery-Blythe	
Appendix 2. Testimonials from those with microwave sickness/electro-sensitivity	
Appendix 3. Details of the Vote of No Confidence in WHO and its EMF Project	

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I have been privileged to connect with some of the top scientists, epidemiologists, biologists, researchers and activists working on electromagnetic radiation (EMR) and electromagnetic fields (EMFs). I thank them for their invaluable input in the drafting of this document and in the enhancement of my own knowledge and awareness. Given the vast and ever-growing body of science on EMR, however, it was not possible to include all of their worthy contributions.

I would also like to thank the many individuals who shared their personal stories of microwave sickness/ electro-sensitivity, a small sample of which has been included in appendix 2.

There is a vast worldwide network of EMR websites, organizations, advocacy groups, researchers, scientists, doctors and activists, and it constitutes a unique community. Offering support, empathy, advice and friendship, those involved in this field willingly share their time, expertise and information, united in their common purpose of restoring health and biological harmony to our planet, while promoting awareness of the impact of irradiating our environment. Transcending age, gender, politics, culture, religious beliefs, nationality and social status, this network represents a community of truly united nations, embracing the UN's original goals of *promoting and encouraging respect for human rights and for fundamental freedoms for all*.

Any errors are mine.

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INTRODUCTION

The United Nations (UN) is a law unto itself. While its globally neutral status has enabled it to intervene in and help resolve many crises around the world, it has also led to abuses within the system, as well as widespread political in-fighting and a lack of public accountability. Having worked for the UN for several years, I witnessed many resources being squandered on internal crisis management and damage control, instead of being used for the UN's many worthy global programmes.¹ The insular and dysfunctional nature of this standalone system, combined with powerful industry influences and waning government support, has led to the undermining of many UN mandates.

One obvious example of this is the World Health Organization—the United Nations organization responsible for global public health. Its International EMF Project, which is tasked with assessing the safety and biological effects of non-ionizing radiofrequency/microwave radiation, has been co-opted by the very industry responsible for the unchecked proliferation of this same radiation worldwide. The Project is led by an electrical engineer, with zero health credentials, who has carried out research for the wireless telecommunications industry and therefore has a clear conflict of interest. Despite the requirement that its experts declare any conflict of interest, and despite the fact that it is against WHO rules for any individual or committee to take money from industry, WHO is known to have been indirectly receiving substantial funding from the wireless telecoms industry for many years.

Since the UN is answerable to no one, however, there is little or no recourse for those who may be adversely affected by its operations. Internal crises can therefore be made to mysteriously disappear *as if they never happened*, and any suspect procedures can be all too easily covered up and publicly denied.

This reveals one of the unique strengths of the UN—its ability to negate the reality, downplay the facts and make things *UN*-happen. It can even make things *UN*-scientific—as it has done with the data presented by countless independent scientists confirming the adverse effects of radiofrequency/microwave radiation.

**Industry infiltration. Intentional ignorance.
Denial of the science. Disregard for humanity.**

Frequently used acronyms

EHS	= electromagnetic hypersensitivity
EMF	= electromagnetic field
EMR	= electromagnetic radiation
RF	= radiofrequency

¹ I worked at UNAIDS (the Joint United Nations Programme on HIV and AIDS) although my contract was with WHO.

But the public is becoming aware of what's going on. Too many people are being harmed as a result of WHO's internal corruption and its failure to protect our health. As governments reduce their contributions to the UN (as of January 2017, the USA is considering withdrawing its funding altogether²), the viability of the World Health Organization is being tested like never before.

Accompanying this document are thousands of signatures from concerned global citizens expressing their 'vote of no confidence' in WHO and its EMF Project. These individuals know from firsthand experience, and/or based on the vast body of scientific evidence, that the failure of WHO's EMF Project to protect us from rapidly escalating non-ionizing radiation is resulting in a worldwide epidemic of microwave sickness/electro-sensitivity that is proving to be more devastating, more costly and spreading more rapidly than any other epidemic in our history.

Given how WHO's industry-influenced EMF Project is set up, funded and currently operating, it is clear that the organization is no longer fulfilling its mandate of protecting global health. Instead, there are all the hallmarks of a cover-up—just like we had with the decades-long smoking saga. This time, it's about the proven harm caused by microwave radiation, and the millions of global citizens being seriously affected as a result of WHO's denial of the science.

There is no trust without truth.

This denial is not due to ignorance. WHO is well aware of the facts and has full access to the vast body of irrefutable, compelling data on the adverse bio-effects of this radiation—not to mention the millions of individuals being affected worldwide, which is evidence enough that something is seriously wrong.

For WHO to knowingly promote serious, incremental harm to an entire global population makes no sense whatsoever, since it is detrimental to society and unsustainable in the long term. What, then, is its true agenda? **What is its ultimate goal? And how can we trust an organization that rejects the science, dismisses the epidemic of microwave sickness, and supports the very industry that's causing such widespread harm?**

**Throughout society, the wireless telecoms industry is distorting the scientific facts, corrupting governments, harming citizens and violating human rights.
What possible justification can WHO have for being a part of this travesty?**

This document explores the dynamics driving this untenable situation. It exposes WHO's industry bias, presents some of the science demonstrating biological harm, spells out what WHO and its EMF Project need to do to fulfill their mandates, and shares real-life stories from some of the millions of global citizens being seriously affected by the rapidly increasing microwave radiation in our environment.

² https://www.buzzfeed.com/paulmcleod/republicans-are-readying-a-push-to-defund-the-united-nations?utm_term=.tiqK9V-jBB#.tdx0yX4BB

The goal of this document is not to present the science, since you already know the facts. And we know that you know, which makes your inaction all the more egregiously irresponsible. The goal is, rather, to alert governments, healthcare agencies, service-providers and others to WHO's gross misrepresentation of the truth, its denial of the scientific evidence, its blatant disregard for human life in favour of industry interests, and its failure to address the growing epidemic of microwave sickness/electro-sensitivity, to alert the public to the proven dangers of microwave radiation and to empower governments to inform and protect their citizens.

The time has come for WHO and its International EMF Project to take the appropriate action to protect our health and to refrain from further diminishing the viability of all forms of life on Earth—not to mention the viability of WHO itself.



Photo courtesy Sebastiaan ter Burg

**We are seduced by the convenience of being infinitely ‘in touch’
and we are deaf to the lethality of holding that
dangerous device up to our head.**

**Industry has been dishonest and the precautionary principle has
been ignored by public health bureaucrats asleep
(or remunerated) at the wheel.³**

—Dr Bradford S. Weeks, MD, on the coming brain cancer epidemic

³ <http://weeksmid.com/2016/05/coming-brain-cancer-epidemic/>

1. INDUSTRY INFILTRATION

Driven/lobbied by the telecoms industry, ICNIRP members play a leading role in the preparation of WHO's Monograph on Environmental Health Criteria on RF EMFs (such as cell phone radiation) that will influence the future of wireless technologies.



Ignoring the scientific facts on EMFs and their bio-effects

When 190 renowned scientists from 39 countries around the world submitted an appeal to WHO in 2015,⁴ calling for immediate action to address the scientifically proven dangers of electromagnetic fields (EMFs), *you did nothing*. You did not reply. You did not even acknowledge receipt. You completely and **deliberately ignored the irrefutable science** submitted to you by some of the best scientific minds in the world. *As if it didn't happen*. As if millions of people around the world were not being harmed by the radiofrequency/microwave radiation that has been known since the early 1920s to cause adverse biological effects—the same radiation that has been used since the 1950s as a military weapon.

The scientists' agenda is to prevent harm and save lives. What's yours?

Millions of people around the world are being irradiated and becoming sick. Many are seriously ill. Many others are getting brain tumours. Many more with microwave sickness/electro-sensitivity/electromagnetic hypersensitivity (EHS) are living in despair and near-destitution, pushed to the margins of society and abandoned by their governments because *WHO says there is no scientific evidence that non-ionizing radiation causes microwave sickness and electro-sensitivity*. Despite this advisory, some of those affected are taking their own lives to escape the hell of being irradiated beyond their physical tolerance. Yet you continue to do nothing. Worse than that, you allowed your ranks to be infiltrated by the likes of industry-friendly Michael Repacholi, whom you chose to head your EMF Project and deliver edicts that would affect people—and industries—all over the world.

You have failed us utterly.

[T]he evidence is clear that Michael Repacholi has used his standing in both WHO and ICNIRP [International Commission on Non-ionizing Radiation Protection] to stack WHO's [EHC] Task Group for power frequency exposures with representatives of the power industry in contravention of WHO policy.

This action can only be construed as being aimed at ensuring that industry involvement in determining the WHO Environmental Health Criteria will bias ICNIRP's risk assessment for power frequency exposure limits for years to come. This will conveniently provide economic protection for the industry against the need to spend enormous sums of money on upgrading distribution systems as well as the risks of litigation.

Such a **blatant disregard for the fundamental principles of credible science, as well as WHO's mission of protecting world health**, speaks of a desperation to bury independent science at all costs, even if that cost is the integrity of WHO.⁵

—Hans Karow, Coalition to Reduce Electropollution (CORE)

4 International EMF Scientist Appeal: www.emfscientist.org By October 2016, the appeal had 223 signatures from 41 nations.

5 http://www.bcuc.com/documents/proceedings/2007/doc_14100_c152-18_karow_evidence_no-11_and_ir-10.pdf

Michael Repacholi's successor, Emilie van Deventer, has **proudly proclaimed her contribution to the wireless telecommunications industry**. An electrical engineer who carried out industry-funded research to *make cell phone technology faster and better*⁶—*NOT to reduce its harmful effects*, van Deventer has **no medical or health-related qualifications**. This is the person in charge of developing and recommending environmental health criteria, as well as risk assessment, to determine 'safe' levels of microwave radiation.

Staggering audacity

Given van Deventer's background, wireless telecoms research and industry bias, it is an act of willful negligence and staggering audacity for WHO to have hired her to head its EMF Project. (Did she not have to sign the WHO disclaimer on conflict of interest?⁷) Such blatant industry infiltration implies supreme arrogance and a disregard for human intelligence—not to mention human life. Van Deventer's industry-funded research⁸ involved preventing "*signal distortion and improving the performance of circuit boards found in computers and mobile phones*"—research that was, claimed van Deventer, "*fulfilling a very real need in the industry, which will only increase as technology creates more opportunity.*"⁹

Conflict of interest makes a mockery of WHO's EMF Project

She has expressed pride in the fact that her research accounted for the "*high frequency effects that the latest technology creates*" on cell phones. **As the head of the EMF Project, she is supposed to assess how such high frequencies affect HUMAN BEINGS, not the cell phones causing us harm.**

Could the irony or inappropriateness of van Deventer's position be any greater or any more insulting?

Many scientists have personally contacted van Deventer, presenting the irrefutable science on electromagnetic radiation (EMR) and calling for appropriate action, to no avail. Those who have received a response have been treated to a self-serving brush-off such as the one sent to **Dr Dariusz Leszczynski, PhD, MSc, DSc**,¹⁰ **who has two doctorates in biology** and is vastly more qualified than van Deventer. He has done extensive research into the biological effects of mobile phone radiation and, unlike van Deventer, is *dedicated to exposing the truth about the wireless industry and its proven impact on human health*.¹¹

"Industry is not interested in your health. They want the network to work properly."

—Emilie van Deventer,
speaking to journalist Karl Muller
at a SABS/STUK conference in Johannesburg in 2007 (pers comms)

6 <http://bit.ly/2grg9iR>

7 http://www.who.int/occupational_health/declaration_of_interest.pdf

8 Her research was funded by the Natural Sciences & Engineering Research Council of Canada (NSERC), Communications & Information Technology Ontario (CITO) and Nortel.

9 <http://bit.ly/2grjTR4>

10 <http://bit.ly/2jslimA>

11 Dr Dariusz Leszczynski is a research professor at the Radiation and Nuclear Safety Authority, Helsinki; Guangbiao Professor at the Zhejiang University School of Medicine in Hangzhou, China; and Adjunct Professor of Biochemistry, University of Helsinki.

The World Harm Organization?

Your credibility has plummeted. You have lost the respect of scientists, researchers and biologists worldwide, not to mention the trust of the millions affected by electromagnetic radiation and the countless other intelligent people who know what's going on. As the *World Health Organization*, you are considered the ultimate authority on health-related matters. Nations and institutions look to you for guidance and for the parameters by which to establish safe standards for all kinds of potentially harmful substances and environmental threats. But you have failed to live up to your mandate. You claim to be *promoting health* yet, with regard to EMFs, **you are *promoting harm***. By denying the science and by condoning the use of microwave radiation around the world, you are responsible for untold hardship, illness, functional impairment, human rights violations, incapacitation and a global epidemic of microwave sickness/electro-sensitivity that has yet to be acknowledged because its multiple symptoms and conditions are not being attributed to the true underlying cause.

**Those who love their wireless devices will suffer degradation of:
eyesight, hearing, brain function and immunity.
They will also forfeit the genetic integrity of their offspring.¹²**

Public consultation process—a public farce

In early 2017, WHO's EMF Project is expected to deliver its *Radio Frequency Fields: Environmental Health Criteria Monograph (RF EHC)*¹³—a report that will be relied on as being *authoritative* by health and other agencies around the world. Many industry-friendly 'experts' are involved in the review process, **yet independent scientists and relevant experts have been excluded**, despite WHO's claims that the draft monograph was available for review. The document itself was incomplete, missing important segments such as *Chapter 1: Summary and recommendations for further study*; *Chapter 13: Health risk assessment*; and *Chapter 14: Protective measures*.

An exceptionally large number of studies had also been omitted. In her submission to WHO in December 2014, former research biologist with the Canadian Federal Government, Marg Friesen, identified “>1,000 more RF- and EMF-RF-related references than are in the draft” (studies taken from 2011–2014 alone) also noting that, “*The draft monograph omitted many publications on electromagnetic hypersensitivity.*”

In response to WHO's call for consultations on the draft monograph, numerous other independent scientists and researchers have pointed out its glaring bias, lack of transparency, and incompleteness—all of which make a complete mockery of the consultation process.

¹² See: <http://wi-cancer.info/home.aspx>

¹³ http://www.who.int/peh-emf/research/rf_ehc_page/en/

How can there be meaningful public consultation on a document that is incomplete and industry-commandeered?

Furthermore, the review process failed to involve specialists such as Dr Dominique Belpomme and Dr Erica Mallery-Blythe, who are eminently qualified to speak on behalf of those with EHS and who should have been asked to provide—and still could—more than enough evidence that EHS is a very real physical condition. Yet, in the draft monograph, EHS is not even given its own section.

Given the EMF Project's historical industry bias, plus the fact that WHO made it physically impossible for scientists to comment on the material that was withheld, it clearly intends to produce its conclusions without input from the international scientific community. It has given itself the leeway to include whatever it chooses in the final version—claiming that it had public input, while rendering such input physically impossible.

Members of WHO Monograph core group and their involvement in ICNIRP

Name	WHO	ICNIRP
Simon Mann	X	X
Maria Feychting	X	X
Gunnhild Oftedal	X	X
Eric van Rongen	X	X
Maria Rosaria Scarfi	X	X (former)
Denis Zmirou	X	

What independent scientists say

“My problem is the unfinished documents and the missing, unwritten chapters. This is not how consultation should be done. Documents should be ready, including conclusions and recommendations. **As it is now, the WHO EMF Project is pretending to conduct consultations...**”¹⁴

—Dr Dariusz Leszczynski, PhD, MSc, DSc

“**The WHO draft is biased towards a null result.** Findings of an association between the use of wireless phones (mobile phones and cordless phones) and an increased risk of brain tumours are misinterpreted, selectively reported and/or omitted in total. The draft cannot be used as a science-based evaluation of increased risk. **It must be re-written in a balanced way by scientists trained in epidemiology and oncology—not to mention medicine—and without any conflict of interest.**”

—Dr Lennart Hardell, MD, PhD and Michael Carlberg, MSc
Department of Oncology, University Hospital, Örebro, Sweden

“...This is not a review of the science. The [RF EHC] appears to be **another whitewash to allow yet another ‘pass’ for an industry reaping trillions of dollars each year, while an unsuspecting public bears the massive costs**—increasing RF exposure that diminishes the quality of life, slows productivity due to lost work time and diminished performance, and overwhelms healthcare systems worldwide. This is blind short-term gain for immediate profit. **It is a crime against humanity.**”

—Susan Foster, MSW,
Advisor, EM Radiation Research Trust

¹⁴ <http://bit.ly/2gVUBq4>

Many published studies confirm the carcinogenicity of wireless radiation but each study focuses on the biological exposure of only a single frequency! No published scientific study yet has explored the aggregate biological effects of the complex, multi-frequency radiation [that] now pollutes inhabited buildings and the general environment everywhere across the globe.¹⁵

“The anticipated WHO Environmental Health Criteria Monograph on Radiofrequency Fields, due in 2017, is being prepared by a core group and additional experts (99), with 50% of those named being, or having been, members of AGNIR¹⁶ or ICNIRP.¹⁷ [...] **Independence from ICNIRP is necessary to remove the conflict of interest when effects below ICNIRP exposure guidelines are being assessed.**”¹⁸

—Sarah J. Starkey, MSc, PhD

As further confirmed by Swedish oncologist, medical doctor and researcher, Dr Lennart Hardell, input from any current or previous ICNIRP members would be a serious conflict of interest. Because ICNIRP guidelines for RF-EMF exposure look only at thermal effects, the bulk of evidence on non-thermal effects is ignored—as per the 2009 update of ICNIRP guidelines, which claims that non-thermal effects “*are unlikely at low levels of exposure. Therefore, ICNIRP reconfirms the 1998 basic restrictions in the frequency range 100 kHz–300 GHz until further notice.*”¹⁹

Despite thousands of medical studies warning of dire medical ramifications, the masses remain willfully clueless about what the US military knew 75 years ago: that each human tissue and internal organ has its own dielectric properties and that the brain, heart and lungs are primary hot spots for the wave carcinogen ever-flowing through weak and ailing bodies.²⁰

¹⁵ <http://bit.ly/2jwhSnJ>

¹⁶ Advisory Group on Non-ionising Radiation (AGNIR), UK

¹⁷ International Commission on Non-Ionizing Radiation Protection

¹⁸ Inaccurate official assessment of radiofrequency safety by the Advisory Group on Non-ionising Radiation, *Rev Environ Health* 2016; 31(4): 493–503.

¹⁹ Guidelines for limiting exposure to time-varying electric, magnetic and electromagnetic fields (up to 300 GHz). *Health Physics*. 2009; 97:257–8.

²⁰ Electromagnetic Theory, J. A. Stratton, McGraw-Hill, New York, 1941. See also: “Compilation of the dielectric properties of body tissues at RF and microwave frequencies,” Dr Camelia Gabriel, University of London (completed for Brooks Air Force Base and published in three successive articles in *Physics of Medicine and Biology*, Vol. 41, No. 11, pp2203–2231, 1996).

Deadly deception and denial

Even now, *almost two decades after ICNIRP first claimed that non-thermal effects were harmless*, and despite the increasing evidence of adverse health effects from RF-EMF exposure, ICNIRP still has not changed its transparently biased position. “It would be remarkable,” says Dr Hardell, “if an ICNIRP member came to a conclusion other than the ICNIRP paradigm of ‘no health effects’.” *But this industry-influenced body isn’t fooling any of the independent scientists and researchers in the real world.*

The EMF Project—a front for industry interests

- Driven/lobbied by the telecoms industry, ICNIRP members play a leading role in the preparation of WHO’s Environmental Health Criteria on RF EMFs (such as cell phone radiation) that will influence the future of wireless technologies.
- Four of the six core members and ten of the additional experts writing the RF-EHC monograph are ICNIRP members and some are also officials of their respective countries’ health agencies.
- The concerning number with ties to the wireless industry and known to be industry-friendly cannot be unbiased when evaluating the standards they themselves have set through ICNIRP and have a clear conflict of interest, despite the ineffective Declaration of Interests for WHO experts, which all experts are supposed to sign.
- **A self-appointed non-governmental organization (NGO), ICNIRP is accountable to no one. Nobody controls its activities—not for conflict of interest, full disclosure or unfounded, erroneous decisions.**

“In the case of potential long-term effects of exposure, such as increased risk of cancer, ICNIRP concluded that **available data are insufficient to provide a basis for setting exposure restrictions**. By its own admission, therefore, ICNIRP has **no scientific basis for setting long-term exposure guidelines for the general public**. Yet it did so anyway, based only on thermal properties and short-term heating effects. **Its guidelines are therefore based on ignorance.**”

—Karl Muller, BSc, MEd

“**The International EMF Project is a telecom mole hiding in plain sight within WHO**. Its initial funding was money laundered via the Royal Adelaide Hospital, whereby the telecoms industry sent funds to the hospital and the hospital ‘donated’ the money to the International EMF Project. The tobacco industry had a similar effect on WHO many years ago, causing substantial embarrassment for the organization.”^{21,22}

—L. Lloyd Morgan, Senior Research Fellow
Environmental Health Trust (ehtrust.org)

The head of Belgium’s largest cell phone company Belgacom banned WiFi from his offices and told kids that cellphones were dangerous.²³

²¹ Repacholi admits interference from the industry at the World Health Organization EMF Project: <http://bit.ly/2hMTIYI>

²² See also Dr Devra Davis, in her book *Disconnect*, pp48–49 (<http://www.disconnectbook.com/>).

²³ <http://bit.ly/2hQBzFq>

No proof of safety

Medical doctors and public health organizations all over the world have issued statements and recommendations on the use of cell phones/wireless devices. **Not a single medical organization states that cell phone/wireless radiation is safe.** There is no proof of safety. Thousands of medical doctors support reducing exposure to cell phone/wireless radiation, as do organizations such as the American Academy of Pediatrics, the Vienna Medical Association, The French National Agency of Health Security of Food, Environment and Labour, the American Cancer Society, the Council for Europe, the Canadian Medical Association, the Swiss Physicians Association of Doctors for Environmental Protection, the Russian National Committee on Non-Ionizing Radiation Protection, the Irish Doctors Environmental Association, British Medical Doctors, the Austrian Medical Association, the Cancer Association of South Africa (CANSA) and many others, listed here: <http://bit.ly/2jylC6c>

Lost in translation

All important UN documents are **translated into the official UN languages of French, Spanish, Chinese and Russian**, among others. The UN has translators in all languages and ample expertise at its disposal.

Yet, in Appendix X of the draft RF EHC monograph, Under X.1, *Relevant studies*, line 46, WHO claims that, “*due to restricted language competence of **available experts** and restricted options for translations, **none of the identified Russian papers** and **only epidemiological Chinese papers** have been included*”. There is absolutely no justification for dismissing the Russian-language papers, particularly when it is widely known that Russian scientists are way ahead of the west, in terms of their EMF research and expertise. A quick look at studies published in recent years reveals that over 40 Russian-language papers have been missed (the abstracts, in English, can be found on most scientific citation databases).²⁴ Important primary research studies and papers describing the rationale and evidence²⁵ for the Russian standards being **100 times more stringent** (safer) than those of ICNIRP, Canada, the USA and most European countries, have been made to *un-happen*.

This means not only that **WHO will not be assessing all of the literature**, but also that the literature from China and Russia, where RF emission standards are justifiably more stringent, **is being intentionally omitted**.

Furthermore, the monograph will consider only “*experimental studies with laboratory animals and observational studies on domestic animals*”. That means that the elegant, well designed and blinded study conducted on the European robin,²⁶ clearly demonstrating non-thermal effects of ambient radiofrequency radiation, will be excluded—as will the many studies on insects and plants, which unequivocally show non-thermal effects at below international standards.

²⁴ <http://olgasheean.com/russian-language-material-excluded-from-who-monograph/>

²⁵ One example: Grigoriev, I.G. et al (2011). [New data for proving the presence of significant effects of electromagnetic exposure (to autoimmune changes in rats)]. *Radiatsionnaia biologiiia, radioecologiiia / Rossiiskaia akademiia nauk*, 51(6), 721–730.

²⁶ Engels, S. et al, 2014. Anthropogenic electromagnetic noise disrupts magnetic compass orientation in a migratory bird. *Nature* 509(7500): 353–356.

When the monograph is published, WHO can claim it *conducted public consultations*, while neglecting to say it ignored the feedback/studies that failed to support its industry-biased agenda.

Here's a recap of the situation:

- The EMF Project is led by an industry-biased, telecoms researcher with no health credentials.
- The draft monograph (which will be considered to be authoritative and used by many countries in setting standards) was incomplete, missing key chapters and information.
- Its incompleteness made it impossible for independent scientists to provide input.
- The review process is slanted in favour of industry.
- The review of the scientific literature excludes key Russian, Chinese and other studies.
- Abstracts of numerous key Russian studies are available in English yet have been excluded.
- Russia and China have more stringent safety levels for radiofrequency/microwave EMR.
- Russian scientists have been undertaking EMR-related studies since the 1950s.
- WHO says it lacks the expertise to translate the Russian/Chinese studies...
- Conflict of interest makes it impossible for the review to be unbiased, scientific or accurate.
- A proper review requires independent epidemiologists, biologists, scientists and medical doctors.
- A full and proper review also requires a complete scientific literature database.
- Consultation with world-renowned EHS specialists has been omitted.
- Those with EHS have not been consulted.
- WHO is influenced by ICNIRP—a self-appointed authority, lobbied by the telecoms industry.
- Accountable to no one, ICNIRP continues to make spurious claims about microwave EMR safety
- ICNIRP guidelines disregard the proven science on the bio-effects of microwave EMR.

Could WHO's biased agenda be any more transparent?

**The absence of proof of danger from WHO
is regularly cited as proof of absence of danger.²⁷**

A 2003 Swisscom patent application clearly states that **non-thermal wireless radiation “has a genotoxic effect [...] elicited via a non-thermal pathway”** and that “when human blood cells are irradiated with electromagnetic fields, clear **damage to hereditary material [DNA]** has been demonstrated [with] indications of an **increased cancer risk.**” The international patent²⁸ was for **technology to reduce the ‘electrosmog’ from wireless local networks, intended to reduce the cancer risks associated with non-thermal exposure to microwave radiation.**²⁹

²⁷ <http://bit.ly/1hjnz2T>

²⁸ <http://bit.ly/2kcYw7E> or <http://bit.ly/1OQbG4V>

²⁹ <http://bit.ly/1BCVa0W>

2. INTENTIONAL IGNORANCE

“We know with certainty that electromagnetic hypersensitivity is not psychosomatic. EMFs provoke major effects in the brain. The most important of these is the opening of the blood–brain barrier.”

Once upon a time...

...the Earth was flat. Smoking was good for you. Thalidomide was great for morning sickness. Asbestos was a benign form of insulation. Nuclear power was the way to go. And hydrogenated oils were a cost-effective healthy choice. Now, we have WiFi and mobile networks, connecting us with everyone, everywhere, every second of every day... and creating a pervasive, virtually inescapable, unprecedented, unchecked, uncontrolled and rapidly escalating proliferation of radiation in our environment. **But don't worry: WHO says it's not an issue!**

**Hold an audio microwave meter to the skull of a child
downloading 4G data into his brain. You won't believe
what you hear in the way of microwave signal intensity!
This is the sound of perfidious and monumental child abuse.³⁰**

Distorting, dismissing and dodging the facts

The WHO website, regarding electromagnetic hypersensitivity (EHS),³¹ states: *“For some time, a number of individuals have reported a variety of health problems that they relate to exposure to EMFs.”* This is a wonderful example of UN-speak—that special language of vagueness that fails to actually report the facts, while insinuating that those claiming harm are somehow not to be trusted. Let me set you straight so you can update your website information—which is **from 2005 and is more than a decade out of date**. For at least the past **30 years**, and as early as the 1950s, cases of microwave sickness/EHS have been on the rise, increasing alarmingly in recent years. There are now an estimated **300 million people** being affected worldwide, which is slightly more than a *“number of individuals”*.

You also say that their condition is *“characterized by a range of non-specific symptoms that lack apparent toxicological or physiological basis or independent verification”*—thereby exposing your ignorance/denial of the medically recognized bio-markers³² used to confirm the very real syndrome of electromagnetic intolerance, and the **thousands of peer-reviewed scientific studies on the effects of EMFs**, published in reputable scientific and medical journals,³³ not to mention the simple blood test that can be done by anyone with a high-powered microscope to see the damage done to red blood cells (**oxidation and clumping of red blood cells**) after only brief exposure to microwave radiation.³⁴ Just five minutes of exposure to WiFi radiation results in **cellular damage associated with pathological processes**.³⁵

30 <http://bit.ly/2jwhSnJ>

31 <http://www.who.int/peh-emf/publications/facts/fs296/en/>

32 French researchers have demonstrated that EMFs substantially alter the physiology of the blood and brain of electro-sensitive people and that the impact on these bio-markers increases and decreases according to the intensity of EMF exposure. Oncologist Dr Dominique Belpomme's team developed a diagnostic method based on blood tests and a special brain scan (pulsed Doppler echography) to visualize blood flow. “These patients clearly have vascular disorders in the brain,” said Dr Belpomme. “Our biological tests show that 30% of them have high levels of histamine, 50% have too many stress proteins, most have low levels of melatonin (a potent anti-cancer hormone), and 30% have levels of antibodies and proteins that are tell-tale signs of thermal shock and brain damage.” See also: <http://bit.ly/2irZqJP>.

33 <http://www.emf-portal.org>

34 See from minute 2.42: <https://youtu.be/y4JDEspdx58>.

35 See: <https://vimeo.com/100623585>, at minute 4.48; and <http://bit.ly/1Xn4ZIV>.

Adding insult to injury

Not content with such egregiously misleading claims, the website further states: “*EHS individuals cannot detect EMF exposure any more accurately than non-EHS individuals*”. Since you made those unfounded statements, back in 2005, it has been conclusively shown that many of those with electromagnetic hypersensitivity (the term itself is indicative) can and do feel radiation when exposed to it. I can personally vouch for this. Having had a brain tumour due to microwave radiation, I can feel it just as plainly as you would feel the heat from an open fire when standing in front of it. On countless occasions, I have detected and been severely affected by EMFs, the presence of which was subsequently confirmed by an RF meter reading, and many others (*including your former director-general, Dr Gro Harlem Brundtland*) have had a similar experience.

Your ignorance does not give you the right to talk down to those who know better and who have had direct experience of something that you can only speculate about, since you disregard the science. Most of those diagnosed with electro-sensitivity have spent years trying to figure out what was making them ill and only discovered the true cause after many years of suffering.

How would you feel about being given Prozac for a broken leg, while the leg itself went untreated?

You claim that electromagnetic hypersensitivity (EHS) could be a *psychiatric* issue. It’s true that exposure to microwave radiation has been shown to affect cognitive function, to cause dementia and to affect moral judgement (among many other things).³⁶

“We know with certainty that electromagnetic hypersensitivity is not psychosomatic. EMFs provoke major effects in the brain. The most important of these is the opening of the blood-brain barrier. This allows mercury, organochlorines and other pollutants to enter the brain, where they cause various neurodegenerative diseases.”

—Dr Dominique Belpomme

If you think those with electro-sensitivity are mentally unstable, have you told Dr Brundtland that she should seek psychiatric help—the woman who was three times the Prime Minister of Norway and who was arguably the most effective, globally recognized and highly awarded director-general of WHO? Dr Brundtland is also a qualified medical doctor with a Masters in Public Health, who has publicly stated that “*research shows deleterious effects*” from the use of cell phones and other devices emitting radiation. “*This is not an innocent technology*,” she said, after resigning from WHO as cell phone radiation was making her ill. (Yet another UN event that *didn’t happen*.)

Dr Brundtland saw WHO’s role as “*being the moral voice and the technical leader in improving health of the people of the world*” and she was committed to alleviating suffering. “*I see our purpose to be combating disease and ill-health*,” she said, “*promoting sustainable and equitable health systems in all countries*.”

³⁶ <http://bit.ly/29UUU2>

Real doctors, not spin doctors

Clearly, with regard to microwave sickness/EHS, you have lost your way since then and are failing to fulfill your remit—or your remit has changed and you haven't informed us. **If your purpose is no longer that of 'combating disease and ill-health', what is it?**

The time for field studies is long overdue. Since you send personnel into the field to assess the impact of malaria and other global epidemics, kindly advise as to when you'll be sending a team to interview us about EHS. There are countless numbers of us ready and willing to sit down with you to confirm the undeniable harm being caused to us by EMFs.

NOBODY HAS ASKED US

Nothing about us without us

In 2004, Dr William Rowland published a book that was the culmination of his groundbreaking activism in the disability rights movement in the 1980s and 1990s in South Africa. *Nothing About Us Without Us: Inside the Disability Rights Movement of South Africa* is a landmark work that helped to popularize the notion that **no meaningful policies or progress could or should be made without the collaboration of those involved.**

Recognizing the vital importance of this approach to the success of its initiatives and public health campaigns, the UN has promoted and applied the concept in its work on HIV/AIDS and other epidemics.³⁷ **Yet you have not applied it to microwave sickness/electro-sensitivity. You have not acknowledged us, counted us, consulted us, respected us, included us, sought our collaboration/input, or protected us in any way whatsoever.**

When will you be sending field personnel to interview us?

The WHO website claims that its Department of Pandemic and Epidemic Diseases (PED) “*develops strategies, initiatives and mechanisms to address priority emerging epidemic diseases, thereby reducing their impact on affected populations and limiting their international spread.*” What is PED doing to “*help countries and international stakeholders better prepare for and respond to*” the epidemic of EHS and microwave sickness?

Why are you failing to respond to this global epidemic of microwave sickness when it is spreading faster, affecting more people and is likely to be more costly and deadly than any other epidemic in our history?

**I am a global citizen and I am electro-sensitive.
You do not have my permission to represent me, speak for me or lie about me.
You lack moral integrity, scientific credibility and respect for human life.
It is unacceptable for you to waste any more United Nations funds
pretending to be something you are not.**

³⁷ As in the work of UNAIDS, relating to HIV/AIDS: <http://bit.ly/2g7b2Uf>

Ignorance of epidemic proportions

An epidemic is a disease that creates a threat to the general public and kills many people. It can include non-contagious/infectious diseases such as the obesity epidemic, which has been identified as such by WHO. Here's what WHO says about that epidemic, which has clear parallels with the epidemic of microwave sickness currently sweeping our planet:³⁸

Obesity is one of today's most blatantly visible—yet most neglected—public health problems.

[Microwave sickness/electro-sensitivity is undoubtedly today's most blatantly neglected—and unacknowledged—public health issue.]

If immediate action is not taken, millions will suffer from an array of serious health disorders.

[If immediate action is not taken, many more millions will suffer from a vast array of serious health disorders due to ongoing exposure to harmful EMR. **And, in fact, obesity is among them, with scientific studies now confirming the link between EMF exposure and childhood obesity.**³⁹]

Obesity is a complex condition that affects virtually all age and socioeconomic groups and threatens to overwhelm both developed and developing countries.

[Microwave sickness/electro-sensitivity is a complex condition that affects all age and socioeconomic groups and threatens to overwhelm both developed and developing countries.]

Its health consequences range from increased risk of premature death to serious chronic conditions that reduce the overall quality of life.

[The health consequences of EMR exposure range from increased risk of premature death, accelerated aging and neurological disorders, to serious chronic conditions, functional impairment, social and physical isolation, and loss of livelihood that reduce the quality—and viability—of life.]

As of 2000 [WHO's info is 16 years out of date], the number of obese adults has increased to over 300 million.

[Microwave radiation is conservatively estimated to now be affecting 300 million people worldwide, with the numbers escalating rapidly and exponentially. Based on current trends in the usage of wireless devices, it is estimated that some **50% of the population in many developed countries will be feeling the effects of EMR by 2017.**⁴⁰]

Has any other epidemic in the history of mankind had such a worldwide impact?

Has any other epidemic resulted in such a vast array of symptoms and conditions, affecting the nervous system, the immune system, hormones, digestion, metabolism and brain function, while damaging the all-important blood–brain barrier and causing an explosion in the incidence of neurological dysfunction and disorders?

38 <http://www.who.int/nutrition/topics/obesity/en/>

39 **EMF exposures in the womb can lead to childhood obesity:** <http://microwavenews.com/news-tags/de-kun-li>; Evidence that dirty electricity is causing the worldwide epidemics of obesity and diabetes: <http://bit.ly/2h48LWp>.

40 http://www.next-up.org/pdf/EHS2006_HallbergOberfeld.pdf

Zero action, zero protection, zero excuse

With regard to the global epidemic of HIV/AIDS, the stated goal of UNAIDS is to *lead and inspire the world in getting to zero: zero new HIV infections, zero discrimination and zero AIDS-deaths.*

There is ZERO excuse for WHO's Department of Pandemic and Epidemic Diseases (PED) and the EMF Project not to lead and inspire the world in getting to zero: zero microwave sickness/EHS, zero discrimination against those affected, and zero microwave/EHS-related deaths.

For the obesity epidemic, “*WHO began sounding the alarm in the 1990s, spearheading a series of **expert and technical consultations**. **Public awareness campaigns** were also initiated to sensitize policy-makers, private sector partners, medical professionals and the public at large. Aware that obesity is predominantly a ‘social and environmental disease’, WHO is helping to **develop strategies** that will make healthy choices easier to make.*”

Microwave sickness/electro-sensitivity is undeniably a *social and environmental disease* and you are now being called upon to do what you should have done a long time ago, without any prompting or appeals from the millions of people who are suffering as a result of your negligence and inaction.

“Weak non-ionizing electromagnetic radiation in the environment can be linked to more ‘modern illnesses’ than even the pessimists thought possible.”

—Dr Andrew Goldsworthy

**If you don't feel the effects, you won't care.
If you don't care, you won't look.
If you don't look, you won't see.
If you don't see, you won't believe.
But the evidence is there.**

—Olga Shean, No Safe Place
olgashean.com



Will we ever know how many?

There are several reasons for not being able to accurately assess how many people are being harmed by microwave radiation or have developed electro-sensitivity—not least of which is the fact that WHO has failed to acknowledge their existence.

1. **Many of those with the symptoms of EHS do not realize that they have become electro-sensitive** or even that such a condition exists, due to the lack of public-awareness campaigns. They may attribute their condition to aging or some other cause, and many will end up taking drugs to mask their symptoms when uninformed doctors fail to identify the underlying reason.
2. **Estimates from scientists and medical specialists vary**, depending on their focus and their level of involvement in the many worldwide EHS/EMR networks. Doctors specializing in EHS report rapidly growing numbers of patients exhibiting the symptoms of electro-sensitivity, yet their clinical findings are being ignored by governments—largely due to WHO’s denial of the facts and dangers.
3. **It’s a vicious circle:** woefully uninformed or wilfully blind health authorities deny that electro-sensitivity exists or that microwave radiation causes harm, so no measures are implemented to evaluate the extent or severity of the condition.
4. **Astrourfing**⁴¹—the consistent circulation of disinformation by industries with a vested interest in burying the science confirming the dangers of their product/service—has led to doubt, endless debate, public confusion and inaction among governments and healthcare agencies. *“The wireless industry has for decades engaged the services of members of the scientific community who are willing to represent their interests. [...] these scientists are then upgraded to ‘expert’ status and placed in national and international committees, which are mostly responsible for advising government agencies and educating the public.”*⁴² With unlimited funds at its disposal, the telecoms industry has no trouble manufacturing doubt or manipulating the public’s perception of what is safe.

Regardless of the many factors, one thing is certain: there are far more people experiencing microwave sickness/electro-sensitivity than we will ever know, and any estimate is bound to fall short of the reality.

“New research is suggesting that nearly all the human plagues that emerged in the twentieth century, such as common acute lymphoblastic leukemia in children, female breast cancer, malignant melanoma and asthma, can be tied to some facet of our use of electricity.

“There is an urgent need for governments and individuals to take steps to minimize community and personal EMF exposures.”

—Samuel Milham, MD, MPH, medical epidemiologist⁴³

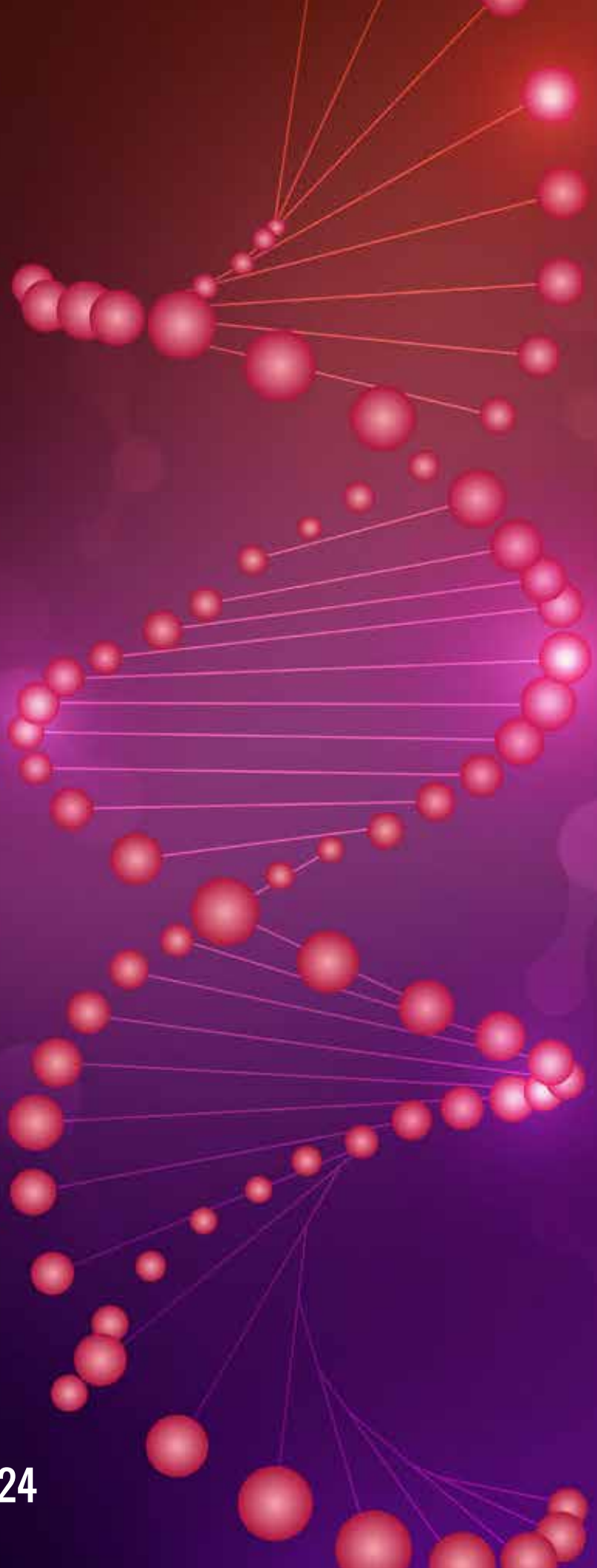
41 <https://www.youtube.com/watch?v=-bYAQ-ZZtEU>

42 *Radiation Protection in Conflict with Science—a documentation*, by Franz Adlkofer and Karl Richter. Effects of Wireless Communication Technologies—A Brochure Series by the Competence Initiative for the Protection of Humanity, Environment and Democracy; Brochure #5.

43 Dr Samuel Milham was the first scientist to report increased leukemia and other cancers in electrical workers and to demonstrate that the childhood age peak in leukemia emerged in conjunction with the spread of residential electrification.

3. DENIAL OF THE SCIENCE

"The scientific evidence tells us that our safety standards are inadequate, and that we must protect ourselves from exposure to EMF due to power lines, cell phones and the like, or risk the known consequences. The science is very strong and we should sit up and pay attention."



Sanctioning sickness

We don't need science to tell us what we already know—and we certainly don't need your permission to have a *biologically correct reaction* to an invasive, man-made environmental threat. The physical reaction of our bodies is proof enough. *We are the evidence.*⁴⁴ Pilots, nurses, doctors, teachers, lawyers, therapists, executives, technicians, electricians, scientists, entrepreneurs, housewives, farmers, CEOs, students, children, civil servants and people from every walk of life are being physically harmed by microwave radiation.

Implying that we are *psychiatric cases* in need of psychiatric treatment is not only a violation of the human rights conventions created by the United Nations, but an insult to our intelligence and an egregiously irresponsible, unfounded implication that results in the ongoing violation of our rights by governments and service-providers who believe what you say and follow your lead. **How supremely ironic is it that you, as part of the United Nations, promote the violation of countless human rights supposedly protected under UN conventions?**

In our digital world, those with electro-sensitivity have become environmental refugees—a disabled population deprived of home, work and basic rights.⁴⁵

With so many millions being progressively harmed, how will you sustain your denial of the facts? Do you think we won't get insomnia, cancer, autism, Attention Deficit Disorder (ADD), Multiple Sclerosis, dementia, neurological disorders or a brain tumour until you officially give us permission to do so? *Until WHO says that microwave radiation causes EHS, and that EHS itself exists, there's no such thing.* It just *isn't happening*.

All living cells react to EMFs at infinitesimally low non-thermal levels, as has been proven in countless biological studies. It's a fact. Further debating or disputing the science is a delaying tactic that's so transparently obvious it makes WHO look ridiculous.

WHO has had to revise its position many times before, and it will soon be forced to do so again. It took 30 years for you to officially declare that cigarette smoking was harmful to health, despite knowing the truth long before that. It's now almost 30 years since the introduction of cell-phone technology. ***What are you waiting for? How many more millions must be harmed before you take the necessary action?***

Pack your bags and go home. We don't need you.

Our governments are influenced by and siding with industry, disregarding the science and ignoring the harm being caused to millions of global citizens, in favour of the wireless telecoms industry. ***You're doing exactly the same thing, which means that you serve no purpose whatsoever. Worse than that, you're promoting harm and condoning further harm via the industry you support.***

⁴⁴ <https://wearetheevidence.org/>

⁴⁵ See presentation made by Dr Yael Stein, MD, to the UNESCO Chair in Bioethics in January 2015: <http://www.slideshare.net/YaelStein1/ehs-human-rights>

Addressing the wireless-connectivity addiction—the key to world health

This is not about the science proving EMR-related harm, which is solid and beyond dispute. It's not about a lack of data. **It's about politics, money and human dysfunction.** It's about the giant revenue-generating wireless telecoms industry that fuels the **massive global addiction to being wirelessly connected everywhere, all the time.** This addiction has led not only to a very real physical illness that's affecting millions of people, while overburdening healthcare systems, harming plant and animal life, causing infertility and damaging DNA, but also to a social sickness that's destroying relationships, fracturing families, creating aggression, undermining our humanity and preventing the kind of healthy, respectful human connection essential to our well-being.

Digital heroin—an addiction harder to kick than drugs.⁴⁶

—Dr Nicholas Kardaras, author of *Glow Kids*

Losing our minds

German psychiatrist Dr Christine Aschermann reports seeing multiple effects on the brain, with an “*increased occurrence of cognitive and psychological disorders with exposure to telecommunications*”.⁴⁷ Personality disorders, short-term memory loss, inability to concentrate, amnesic aphasia (difficulty finding words) and apraxia (carrying out inappropriate actions), as well as irritability, mood swings, physical weakness, sleep disturbances, chronic exhaustion, agitation and lack of motivation are other common symptoms that she has seen as a result of radiation exposure from the increasing use of wireless devices. There is a loss of ethical values, empathy and sound judgement, as well as an increase in aggression and violence.

An increase in suicides has also been linked to wireless radiation, says Aschermann. “[In 2009], *it was reported that a great number of France Telecom employees had committed suicide. Recently, the electronics firm Foxconn in China was affected by 10 suicides during the first five months of the year. Following the introduction of TETRA into the Israeli army, a series of young conscripted soldiers self-harmed. At the Siemens office in Munich, where the DECT telephone was developed years ago, there were reports of people committing suicide by falling from a height.*”

Furthermore, she says: “*we know from the research carried out since the 1950s by the Russian and US American Military that specific moods can be evoked and manipulated. Thus, depressive states, fear, mania, pain, lack of motivation, and hallucinations are possible responses, depending on the frequency, wave-forms and other characteristics of the radiation.*”

⁴⁶ *Glow Kids: How Screen Addiction Is Hijacking Our Kids and How to Break the Trance*; <http://nypost.com/2016/12/17/kids-turn-violent-as-parents-battle-digital-heroin-addiction/>

⁴⁷ See her article in *Umwelt-Medizin-Gesellschaft* (UMG 2010, 3).

“The scientific evidence tells us that our safety standards are inadequate, and that we must protect ourselves from exposure to EMF due to power lines, cell phones and the like, or risk the known consequences.

The science is very strong and we should sit up and pay attention.”

—Dr Martin Blank, PhD, Associate Professor
Dept of Physiology and Cellular Biophysics, Columbia University⁴⁸

Dr Thomas Rau, Medical Director of the world renowned Paracelsus Clinic⁴⁹ in Switzerland, is convinced that “electromagnetic loads” lead to cancer, concentration problems, ADD, tinnitus, migraines, insomnia, arrhythmia, Parkinson’s and even back pain. At his clinic, cancer patients are now routinely educated in EMF remediation strategies, and inspectors from the Geopathological Institute of Switzerland are sent to patients’ homes to assess EMF exposures.⁵⁰

All forms of life on the line

But it’s not just humans that are being affected. Dr Ulrich Warnke, an internationally renowned bio-scientist at Saarland University, who has spent decades studying the effects of EMFs, says microwave radiation is destroying the natural world order. His report (*Bees, birds and mankind: destroying nature by electrosmog*⁵¹) explains how animals, insects and birds rely on the Earth’s electromagnetic fields for navigation and orientation—and we rely on bees for the pollination of our food.

Today, warns Dr Warnke, unprecedented exposure levels and intensities of magnetic, electric and electromagnetic fields from numerous wireless technologies interfere with the natural information system and functioning of humans, animals and plants. The consequences of this development, which were predicted decades ago, can no longer be ignored. Bees and other insects are vanishing; birds avoid certain places and become disorientated in others; and humans suffer from functional impairments and diseases that will be passed on to subsequent generations as pre-existing defects.

“We are now living under a microwave dictatorship that puts all other dictatorships in the shade. The whole planet is at risk. Pollinating bees are rapidly disappearing since the roll-out of 4G in 2002 and, as David Suzuki has pointed out, once bees are extinct, humanity will have only four years left.”

—Sarah Benson, BEd, counsellor
author of *Joining the Dots*⁵²

48 Martin Blank is also a researcher in bio-electromagnetics, the author of *Overpowered—what science tells us about the dangers of cell phones and other WiFi-enabled devices*, and the author of the BioInitiative Report’s section on Stress Proteins.

49 www.paracelsus.ch

50 Article by Camilla Rees: <http://electromagnetichealth.org/electromagnetic-health-blog/medical-director-of-switzerland/>

51 <http://bit.ly/2iwXErV>

52 A correlation of research into electromagnetic radiation that shows harm resulting from exposure to wireless technology, with the exponential rise in illnesses since 1998. <http://bit.ly/2ilimJJ>

Losing the birds, the bees...and our food^{53,54,55}

“As a keen birdwatcher living on the island of Samos, Greece, I’ve noticed rapidly declining bird populations since the advent of 4G. In my research into wireless communication, I was struck by the fact that no mainstream media outlet had once mentioned wireless radiation as a potential cause of colony collapse disorder, despite the many articles on the subject. Given what I’ve learned, it seems obvious that **colony collapse disorder, which appeared as a phenomenon in 2006, was synchronous with the ramping-up of mobile technology:** boosted 3G and then 4G networks, plus ever-increasing coverage. Other types of shifts in magnetic fields have also been found to cause colony collapse disorder.

“Obviously, bees are vital to our food supply and, therefore, to life itself. Given what EMFs have done to birds (sparrows and storks fail to breed near towers; where there’s WiFi in cities, sparrow populations decline rapidly), the connection seems undeniable. But I’m not a scientist, only a concerned birdwatcher who is now convinced that, if things continue as they are, ever-increasing EMF is going to put an end, if not to the earth itself, then to any world we would want to live in.”

—Diana Kordas, BA, EdM, MA, Samos, Greece



53 *Bees, Birds and Mankind: Destroying Nature by Electrosmog*, by Ulrich Warnke: <https://ecfsapi.fcc.gov/file/7521097894.pdf>

54 Electromagnetic pollution from phone masts. Effects on wildlife, by Spanish biologist Alfonso Balmori: <http://bit.ly/2jxkSwK>

55 For an extensive research review of the literature on the biological effects of wireless radiation on insects, see the presentation by former Canadian Government research biologist Marg Friesen: <http://bit.ly/2kbO7tv>

In France, businesses must protect workers from electromagnetic waves. Employees must be informed of the risks and workplaces where they are susceptible to being exposed “to levels of electromagnetic fields exceeding values”, with a view to limiting their access.⁵⁶

—France Inter with Yann Gallj, 1 January 2017

The ticking time bomb of escalating electromagnetic radiation (EMR)

“I see electrosmog as a disaster for mankind. Because it knocks down the innate immune system, diseases ranging from Alzheimer’s and arthritis to diabetes are being exacerbated by 4G exposure. Numbing of the immune system over the years also accelerates diseases of the aging. There has been an **exponential rise in chronic disease since the 1950s, when VHF⁵⁷ and microwave transmissions began**. The statistics show that **damage to human immune systems has been continuous and incremental during that time**. I estimate that maybe 10% of the population is already suffering the damaging effects of 4G and WiFi radiation, yet doctors and scientists are failing to recognize this because of the sheer diversity of illnesses it’s causing. **There are other factors, but immune dysfunction from 50 years of exposure to microwave radiation is already exacting its toll**. Mankind evolved without any significant natural sources of microwave radiation; since this radiation emerged in the 1950s, our bodies have struggled to cope with its effects.

“We need to communicate the huge range of illnesses that EMF causes, instead of focusing on cancers and being sidetracked by SAR.⁵⁸

Any level of microwave radiation affects human biology, not just the stronger signals.

“The new 5G wireless technology involves millimeter waves (extremely high frequencies) producing photons of much greater energy than even 4G and WiFi. **Allowing this technology to be used without proving its safety is reckless in the extreme, as the millimetre waves are known to have a profound effect on all parts of the human body.**”

—Prof. Trevor Marshall, Director
Autoimmunity Research Foundation, California

“A minimum of 57.7% of schoolgirls exposed to low-level microwave radiation (WiFi) are at risk of suffering stillbirth, foetal abnormalities or genetically damaged children, when they give birth. Any genetic damage may pass to successive generations. In just two generations, we could have more dead/sick infants than resulted from both World Wars.”⁵⁹

—Barrie Trower, physicist and former Royal Navy microwave weapons expert

56 See: <http://www.emfsa.co.za/news/france-businesses-going-protect-workers-electromagnetic-waves/>. For details of other protective actions being taken by governments, see: <http://ehtrust.org/policy/international-policy-actions-on-wireless/>

57 Very high frequency (also in the radiofrequency range).

58 Specific absorption rate

59 An expert on the bio-effects of microwaves, Barrie Trower lectures worldwide on the hidden dangers of WiFi, cell phones etc. See: <http://bit.ly/2kCjy0i>

Corporate Ties that Bind ...are starting to unravel

In the twenty-first century, corporations have worked their way into government and, as they grow more powerful, arguments about their involvement with public health have become increasingly black and white. With corporations at the center of public health and environmental issues, everything chemical or technological is good, and everything natural is bad; scientists who are funded by corporations are right, and those who are independent are invariably wrong. Common ground between the two sides in these arguments is diminishing. *Corporate Ties that Bind* is a collection of **essays written by influential academic scholars, activists and epidemiologists from around the world who scrutinize the corporate reasoning, false science and trickery of those who present the scientific messages of organizations that attack and censure independent voices.** It shows how we are bombarded with opposing messages, as producers fight to make big products and those concerned with health try to warn society of impending toxic dangers.

—Corporate Ties that Bind: An Examination of Corporate Manipulation and Vested Interest in Public Health,⁶⁰ by *Martin J. Walker (editor)*

Failing on all fronts

The objective of WHO is *the attainment by all peoples of the highest possible level of health*; the purpose of its pandemic and epidemic department is to *address priority emerging epidemics*; the mandate of its EMF Project is to *assess health and environmental effects of exposure to RF radiation*; and the purpose of the United Nations is to *foster cooperation between nations in order to solve economic, social, cultural or humanitarian international problems*.

Not only has WHO failed spectacularly on all counts, with regard to EMFs, but it has actively worked in the opposite direction—inviting industry infiltration, denying that EHS is caused by EMFs, rejecting the proven science, failing to alert the public to the proven dangers, and violating our human rights.

Beyond the ivory tower of WHO, the scientific community already has a far better understanding of the health risks associated with EMF exposure than anyone inside that tower.

⁶⁰ <http://bit.ly/2ieDYLM>

WTF, WHO?

Wireless telecommunications fraud (WTF) is now arguably the world's most profitable and rapidly growing business practice—based largely on fraudulent claims of providing a benign and safe service that is, in fact, seriously detrimental to all forms of life. Aided and abetted by WHO (and, consequently, by governments following WHO's lead), WTF will continue to thrive for many years to come ... unless the scientific reality is respected. What also needs to be recognized—and will soon become undeniably obvious—is the fact that **thriving economies rely on healthy, thriving citizens**. And citizens must be healthy and functional if they are to continue paying their telecom bills—not to mention their mortgages and taxes.



Photo courtesy <https://www.flickr.com/photos/visistepeteclearwater/>

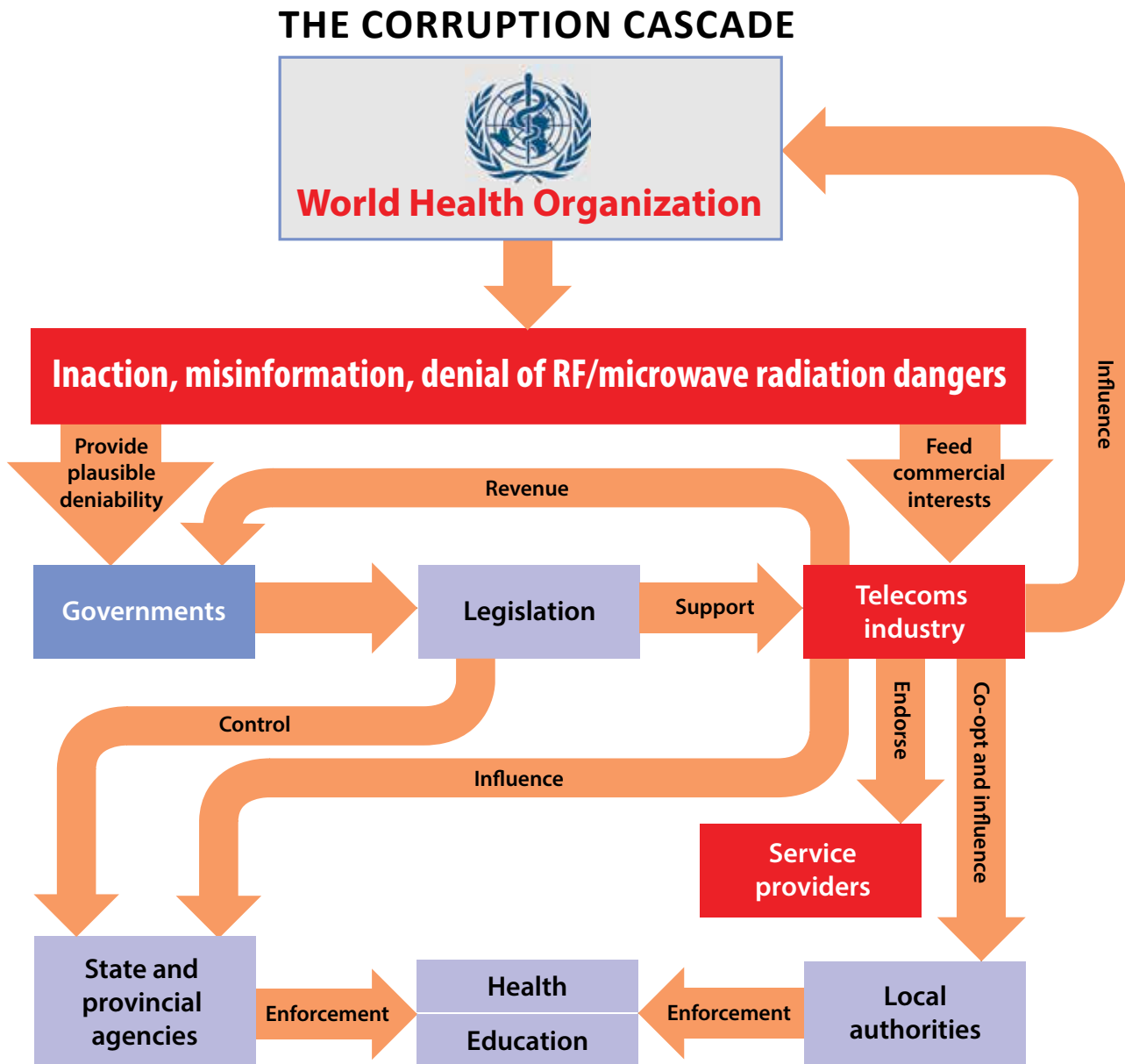
“Our future will depend on whether we can return to more human, social and ethical values in the shaping of our lives and our relationship with nature. [...] profit and morality must be in harmony if [we] wish to remain successful in the long term. But what we need above all is critical citizens, who can spot the difference between technical progress and consumer foolishness: citizens who, as both voters and consumers, remember that democracy once meant rule of the people, not ruling the people.”

—Prof. Dr Karl Hecht et al⁶¹

⁶¹ See the preamble: <http://bit.ly/2iwXErv>

Look what you've done to our world

Due to its inaction, misinformation and denial of the dangers of RF/microwave radiation, WHO has given the green light to governments, regulatory bodies, service-providers and healthcare agencies around the world to dismiss and ignore the proven dangers. WHO's irresponsible position justifies the unlimited, unmonitored roll-out and scale-up of wireless technology everywhere, while providing the industry with plausible deniability of harmful effects, despite the growing numbers of global citizens being affected. Government authorities and service-providers quote WHO as saying that this radiation is not harmful, and the direct effect of WHO's industry-driven denial can be seen and felt at every level of society.



Thanks to WHO: worldwide plausible deniability, undermining our global viability

- Federal health agencies see no need to advise the public of the adverse effects of microwave radiation.
- Laws are being passed to prevent citizens from refusing cell tower installations on health grounds.
- State/provincial agencies provide no accommodation/recognition for those harmed by this radiation.
- Cancer agencies disseminate misleading/inaccurate information, based on WHO guidance.
- Smart meters are being put on homes, beyond residents' control and without their informed consent.
- Service-providers ignore customers' concerns, refusing to reply to their countless letters.
- When EHS increases after people are exposed to RF 24/7 from smart meters, provincial and local authorities deny any responsibility, deferring to federal agencies/WHO.
- School boards and healthcare clinics refuse to remove WiFi routers.
- Agencies such as Health Canada tell parents that WiFi is safe and school boards gag their teachers from talking to parents about the potentially harmful effects on their children.
- When parents express concerns, they're told that cell phones and WiFi are safe.
- When children fall ill or have difficulty learning due to EMR, schools point to government 'safety' standards and deny responsibility.
- Microcell transmitters are being placed mere feet from homes in parts of Canada and elsewhere.
- Hospitals/health clinics have cell antennas on rooftops and WiFi in rooms. There are many confirmed cancer clusters within 500m of cell transmitters, yet WHO says there's no danger.
- When young adults suffer/die from brain tumours, industry denies responsibility because the authorities say that the international guidelines, shaped by WHO, were followed.



4. DISREGARD FOR HUMANITY

We cannot win this human race if we make technology more important than people. In its current rampant form, the wireless telecoms industry is dehumanizing. If the World Health Organization continues to disregard our humanity in favour of this ongoing dehumanization, it will accelerate the loss of human life on all levels.



Dehumanizing our existence

One of the most disturbing aspects of our evolution as a supposedly civilized race is the loss of humanity in politics and industry. As technology hurtles ahead at an unprecedented rate, and the wireless telecoms industry rides the tsunami of profit from the rapidly proliferating use of mobile devices, our most important human values are being swept aside. Integrity, compassion, empathy, accountability and human decency: all have been subverted in the name of progress and economic development. Yet our humanity is our most important quality and the key to our survival. Without it, we become increasingly mechanized. We disconnect from each other and from our innate faculties, using apps, electronic gadgets and all kinds of high-tech devices to do the things that we would normally do with our hands, our heads and our hearts.

Crimes against humanity

There's no doubt that technology plays an increasingly pivotal role in our society. It can save lives and greatly advance civilization—*when used in harmony with mankind*. But when it develops at the expense of our humanity, causing us progressive harm instead of serving us in positive ways, it undermines the very pillars of our existence. **We cannot win this human race if we make technology more important than people.** In its current rampant form, the wireless telecoms industry is dehumanizing. If the World Health Organization continues to disregard our humanity in favour of this ongoing dehumanization, it will accelerate the loss of human life on all levels.

If policies are not for the benefit of humans, what are they for?

What kind of world...?

- ...puts profit before people, the planet and prosperity?
- ...rejects the kind of science that makes sense of our biology and keeps us safe?
- ...forces young schoolchildren to be exposed to high levels of microwave radiation?
- ...penalizes teachers for trying to protect themselves/their students from WiFi radiation?
- ...dismisses the physical suffering of millions of global citizens with microwave sickness?
- ...has governments that refuse to acknowledge or talk to their constituents about the wireless technology deployed without their consent and without limits, monitoring or control?
- ...employs industry-biased/-funded 'experts' to downplay the dangers of wireless technology?
- ...fails to advise the public of the dangers identified by the telecoms industry itself?

What kind of *World Health Organization* condones worldwide harm in favour of industry?

By 2015, the wireless cloud had generated up to 30 megatonnes of CO₂, compared to 6 megatonnes in 2012—the equivalent of having 4.9 million new cars on the road.⁶²

⁶² <http://bit.ly/2kDwKSD>

“Many of my fellow teachers took sleeping pills for chronic insomnia. Several were aware that they were being affected by the WiFi in the school but could do nothing about it. Three of us unplugged the routers and were reprimanded, and formal letters of discipline were issued to us for ‘tampering with the infrastructure’. **We were forbidden to talk to parents about WiFi or its health effects and were effectively gagged.** I was forced to leave because the WiFi made me very ill and resulted in extreme electro-sensitivity, but many of the younger teachers couldn’t afford to lose their jobs, so they either found jobs elsewhere or medicated themselves to deal with the symptoms.”

—*Maria Plant, a teacher for 30 years in BC, Canada*

“Two different people have told me that they were having episodes of atrial fibrillation and that cardiologists in a major cardiac clinic in Victoria [BC, Canada] told them that, before any treatment was given, the patients should go home and remove all wireless devices and stay away from any wireless device for two weeks and see what happened. I heard that both of these people subsequently stopped having atrial fibrillation. It is significant that some doctors have begun to make the connection.”

—*Sharon Noble, Director
Coalition to Stop Smart Meters*

The microwave crime wave

“[...] Renowned scientists such as Dr Neil Cherry, Dr Sam Milham, Dr Robert O. Becker and others have long said that ANY man-made radio frequency radiation, no matter how weak the signal, is hazardous to humans and all forms of life—especially pulsed M/W [microwave] radiation!

“[...] Inconceivably, precious children and their teachers are forced—every moment they are at school—to sit in classrooms with powerful industrial-grade Wi-Fi routers above their heads that emit the more dangerous pulsed form of M/W radiation on frequencies that the US Military knows are lethal to all human organs and organ systems.

“WiFi routers emit their pulsed non-thermal radiation in all directions constantly, blanketing entire areas. Non-industry scientists know that the harmful biological and health effects of low-level pulsed radiation are cumulative.”

“It is not a question of *whether* a student or teacher will be harmed, but how much accumulated radiation over how many months and/or years their individual bodies can endure before they succumb to serious illness.”

—*James G. (Jerry) Flynn, retired Canadian Armed Forces Captain*

Sub-Saharan Africa—always the hardest hit and most exploited

I know from personal experience that most of our formerly disenfranchised people, many of whom still live in dire poverty, would rather possess a cell phone than put food on the table for their children. A cell phone is usually the only means of communication that they have, since very few can get or afford a landline,⁶³ and it can feel like a necessary lifeline in an already desperate situation. Yet microwave radiation from cell phones and masts is having a devastating impact on the millions of Africans whose immune systems have been depleted by poverty and malnutrition. When pandemics occur, it is always the populations of sub-Saharan Africa that get hit the hardest as they have such a diminished capacity for fighting any disease. They have no resistance to man made electromagnetic radiation—and they receive no protection, no education and no consideration or respect from the authorities, when it comes to cell masts being placed right beside their homes, schools and children’s playgrounds.

Five children under the age of 5 die every minute in the African region.⁶⁴ In 2012,⁶⁵ some 9.6 million people died in the sub-Saharan African region. With adequate healthcare systems, education and resources, many of the top killers in this region can be prevented and/or treated. Microwave sickness is proving to be the last straw for those already starving or ill, yet the authorities dismiss the issue, **because WHO has failed to inform them of the proven dangers or to acknowledge or treat the epidemic of sickness that, like all other epidemics, usually hits Africa harder than anywhere else.**

Those in Africa and other poor countries represent a major growth area for the mobile phone industry and they have no resources or knowledge for dealing with the adverse health effects. They depend on WHO for guidance and end up being doubly exploited—by the unscrupulous telecoms industry and by the industry-biased United Nations organization that they rely on for assistance and support.

On a continent that is already suffering untold hardship, how many more must suffer the debilitating effects of microwave radiation before WHO does what needs to be done to save lives?

—Denise Rowland, activist, writer and performer, South Africa

I cannot imagine *WHO* would knowingly harm children.



Photo courtesy africa-facts.org

63 <http://www.pewglobal.org/2015/04/15/cell-phones-in-africa-communication-lifeline/>

64 <http://bit.ly/2jfOGhZ>

65 Most recent figures available from WHO: <http://bit.ly/1usZl9f>

The plans to beam highly penetrative 5G milliwave radiation at us from space must surely be one of the greatest follies ever conceived of by mankind. There will be nowhere safe to live.

If WHO does not stop this madness, who will?

The human face of your failure

For the first time in history, citizens in supposedly democratic countries are being knowingly, openly and progressively harmed by service-providers, industry and all levels of government. Our humanity is being dismissed in favour of technology. People of all ages, cultures and nationalities, from all walks of life, are being undeniably harmed by microwave radiation invading their homes, workplaces, environment and every cell of their bodies.

All over the globe, people have lost their health, homes and hope for the future because WHO has failed to do its job. It has, instead, trampled on our fragile humanity and progressively dehumanized our existence by supporting some of the most destructive, insidious, invasive and aggressive technologies ever devised by man.

“These patients exist. I cannot hide them away simply to please the government, the politicians or the cell phone industry. They are really sick people, and the idea that they are mentally ill is totally unacceptable.”

*—Dr Dominique Belpomme⁶⁶
Professor of Oncology, Paris-Descartes University*

“Heart problems have occurred in children in schools after WiFi was installed.⁶⁷ One school in Simcoe, Ontario had several children experience serious heart problems that seemed to be directly related to WiFi. When the children were removed from the school and were free from RF exposure, their problems ended. *Now there are defibrillators in schools.* I don’t recall ever hearing of children having heart attacks until very recently. How can regulators not see the association?”

*—Sharon Noble, Director
Coalition to Stop Smart Meters*

⁶⁶ Dr Belpomme is also President of the French Association for Research in Therapeutics Against Cancer (www.artac.info). Since 2008, his team has studied what he calls the Electromagnetic Intolerance Syndrome (SICEM in French). “I have 450 patients and see up to 20 new cases every week,” he says, “including children who have headaches, impaired memory, concentration or language. We have the largest European cohort of electro-sensitive patients. This is a major public health concern.”

⁶⁷ http://safeschool.ca/Heart_Problems.html

Real-life accounts from people personally known to me who have suffered as a direct result of microwave radiation exposure:

- The family that moved nine times in one year, trying to find a safe place for the electro-sensitive mother, who felt such despair that she took her own life, leaving behind a husband and two children.
- Tyler, a 12-year-old Canadian boy who cannot go to school because WiFi gives him blinding headaches and night terrors and makes him vomit.
- Joan, a 52-year-old woman (with no history of heart issues) who moved to a new home and had three heart attacks in just a few months, after being exposed to her neighbour's strong WiFi.
- Others who have had brain tumours and other incapacitating illnesses that prevent them from having any kind of normal life.
- Elderly people with EHS who either cannot be in a nursing home, due to WiFi/cell phones, or have no choice but to be there and suffer horribly, their concerns dismissed.
- Individuals and couples who have been forced to leave their jobs, friends, families and homes and head into the wilderness in order to survive.
- Couples who have split up because the partner of the electro-sensitive person either couldn't handle the stress and pressure, or did not believe that the microwave radiation (which they themselves did not feel) could cause such sickness and pain.

See appendix 2 for more accounts of the effects of EMR on people's lives.

An impossible situation in schools

"Parents have been robbed of their right to protect their children from the mandatory exposure to microwave radiation from wireless technologies in our schools. Officials have willfully dismissed credible evidence presented to them by qualified experts, nationally and internationally, that emphasizes children's heightened vulnerabilities and the need for immediate action to reduce exposure causing proven health effects."

—Janis Hoffman, *Parents for Safe Schools*

"The Electromagnetic Fields Exclusion (Exclusion 32) is a General Insurance Exclusion and is applied across the market as standard. The purpose of the exclusion is to exclude cover for illnesses caused by continuous long-term non-ionizing radiation exposure, i.e. through mobile phone usage" (UK agent for Lloyd's of London, 18 February 2015.⁶⁸ As one of the largest insurance companies in the world, Lloyd's often leads the way by taking on insurance risks that no one else will. The decision is not surprising, however, as Lloyd's refused to cover mobile phone manufacturers against risks to users' health more than a decade ago in 1999.

Because WiFi-induced harm is not insurable and even though many teachers cannot turn WiFi off for fear of losing their jobs, school teachers, principals and school boards may be held liable for submitting children to known safety risks.⁶⁹

⁶⁸ <http://bit.ly/1MXAgtP>

⁶⁹ <http://bit.ly/2kqEyCW>

On a wing and a prayer: airlines deny the dangers

On 24 December 2016, a **10-year-old girl suffered cardiac arrest on an Air Canada flight and died.**⁷⁰ The day before, actress **Carrie Fisher had a massive cardiac episode on a London–LA flight.**⁷¹ Just a few weeks before that, **30-year-old Majella Donoghue**⁷² **died on a flight from Cape Town to Heathrow.** On 31 December, a TUI flight diverted to Shannon Airport with an ill passenger—the **fourth medical emergency at the airport in just a week.** The day before, a **British Airways flight from Miami to London had also diverted to Shannon due to a medical emergency.** On 1 January 2017, **a man died on board a Kuwait Airways flight from Kuwait to New York.**⁷³

A leaked report about an emergency landing in Vancouver of a San Francisco–London flight on 24 October 2016 tells how **all 25 crew members had to be taken to hospital. They experienced dizziness, headaches and nausea, with some exhibiting aggression, forgetfulness, confusion and the inability to think straight or converse in a normal manner.**⁷⁴ Other bizarre behaviour included crew members curling up in corners on the floor, with blankets over their heads. Passengers also reported feeling unwell. **All of these symptoms are consistent with exposure to microwave radiation.**

Although it has been suggested that airplane fumes could have been responsible for these symptoms, it is now known that EMFs damage the blood–brain barrier, allowing more toxins to enter the brain and potentially cause severe reactions and conditions. Thus, the combination of high levels of EMFs and toxic fumes from burning oil, hydraulic fluid or other sources can compound the adverse effects of both factors. These incidents have increased in recent years, most likely because people’s blood–brain barriers have already been chronically compromised by the wireless radiation in their environment and are further compromised by the wireless radiation in the cabin.

I personally know of other incidences (including the collapse of a healthy family member on an Air Canada flight) that remain unacknowledged by the airlines and unreported in mainstream media. I have also been told by both **Air Transat and Air Canada that the levels of microwave radiation onboard their aircraft are never checked and that they have no plans to check or monitor them.**

**How can we get the airlines to understand that microwave radiation on planes is a major factor in these incidences?
We can't. That's your job.**



70 <http://bit.ly/2hlNEyK>

71 <http://wapo.st/2ig2Lfj>

72 <http://bit.ly/2isSXyb>

73 <http://www.breakingnews.ie/ireland/man-dies-in-medical-emergency-aboard-transatlantic-jet-770714.html>

74 <http://bc.ctvnews.ca/aggression-confusion-concerning-details-emerge-in-plane-s-emergency-landing-1.3224638>

Coincidence or radiation overload?

Supported by WHO's denial of the dangers, coroners are unlikely to attribute such incidents to the microwave radiation on an airplane, even though scientists have warned that exposure can cause heart problems and many other serious conditions. An airplane is a partial Faraday cage in which the microwaves from WiFi bounce around like light off a mirror, greatly increasing the harmful exposure. Even though static wicks on the wings discharge the electric field of the aircraft to the surrounding atmosphere (enabling electricity to pass out of the aircraft if it's hit by lightning or when it builds up static electricity from flying through clouds), the EMFs in the cabin must pass through passengers' bodies, greatly increasing their body voltage and affecting their cells, blood flow, nervous systems etc. With sometimes hundreds of wireless devices in use onboard at any one time, airplanes are potential death traps for those who cannot tolerate such exposure.

Those with EHS can therefore no longer travel by air or on public transport.

Warning from the cockpit: a pilot's experience with microwave radiation on flights

"After becoming electro-sensitive, I had to give up my career as an airline pilot because I could no longer tolerate the use of cell phones and WiFi on aircraft. I have personally seen a passenger cell phone unintentionally interfere with navigation equipment while in flight. There is an airworthiness directive (AD) currently in effect that requires cockpit display unit changes on B737 and 777 aircraft because WiFi is causing the screens to go blank in-flight. The AD goes on to state: *"The cause of the unsafe condition stated in the Discussion section of this AD is a known susceptibility [...] to **RF transmissions inside and outside of the airplane. This susceptibility has been verified to exist in a range of RF spectrum (mobile satellite communications, cell phones, air surveillance and weather radar, and other systems), and is not limited to WiFi transmissions.**"* Boeing itself is patenting aircraft window-shielding to protect aircraft systems from outside microwave interference.^{75,76}

"On top of this, no one is measuring the overlapping radiation from so many devices on flights, all working at full power to connect with infrastructures outside the metal fuselage of the aircraft. Nobody even knows what the cumulative radiation levels are in the cabin or whether people have put their devices in airplane mode, which most people don't bother doing. The device signals then bounce around, amplifying the exposures. All types of radiation can open up the blood-brain barrier, allowing chemicals to enter the brain that otherwise wouldn't. This, combined with pesticide use and incidents of toxic air exposures that happen on aircraft all over the world, is bound to affect all who fly.

"Using this technology for passenger communication and entertainment is unsafe for the aircraft, the passengers and the crew."

—Airline pilot in North America

75 <https://www.federalregister.gov/documents/2014/10/01/2014-23231/airworthiness-directives-the-boeing-company-airplanes>

76 <http://www.freepatentsonline.com/y2014/0284425.html>

Serious reservations were expressed when widespread deployment of WiFi on aircraft was being considered. In the US, the Federal Communications Commission (FCC) has not yet explicitly outlawed technology such as Skype, Apple FaceTime and Google Hangouts on planes. However, former Senate Commerce Committee Chairman Jay Rockefeller, who oversaw the FCC and the Federal Aviation Administration (FAA), sent a letter to Transportation Secretary Anthony Foxx and FCC Chairman Thomas Wheeler, in which he stated:

“The ability to make a call on one’s cell phone is not worth compromising the safety of a flight. I encourage you to carefully consider the possibility of banning in-flight mobile calls and to fully examine all safety issues that the use of cellular voice services in aircraft may create.”⁷⁷



“WiFi transmitters are being placed in the ceiling of the aircraft cabin and their locations are not being indicated or marked so passengers know whether or not their head is directly underneath one. **On a long flight, the radiation from close proximity to a transmitter could exceed a safe tolerance.** If a passenger has a baby on his/her lap, the danger is even more significant.”

—Retired airline pilot

“There is clearly enough scientific literature available to cause any experienced reader concern about the potential health and flight safety risks if this certification (changing the air regs to allow in-flight WiFi) is done without specific study of the potential implications. [...] **I do not think the potential impact on the health of passengers, and especially flight crews, has been sufficiently studied to warrant certification at this time.**”

—N. Harv Haakonson, MD, FCBOM, Colonel (retired)
Canadian Forces former military pilot, licensed commercial pilot,
Flight Surgeon Fellow of the Aerospace Medical Association

⁷⁷ <http://www.politico.com/tipsheets/morning-transportation/2013/12/rockefeller-warns-against-in-flight-cell-calls-fta-to-issue-worker-safety-regulations-radel-out-of-rehab-212543>

How can any society remain healthy and prosperous when EMR:

- interferes with communication systems in our brains, hearts, cell and bodies through neurotransmitters and neuro-hormones?⁷⁸
- scrambles brains, disrupts hormones and cognitive function, and damages DNA?
- exposes pregnant women and their unborn children to serious harm?
- promotes deeply entrenched addictions, social fragmentation and systemic disorders?
- undermines all body systems and exacerbates existing conditions?
- causes people to take their own lives to escape the hell of living with non-stop exposure?
- increases absenteeism and reduces productivity and performance?
- saturates hospitals/healthcare centres where people seek relief from many of the illnesses, conditions and tumours caused by that very same radiation?
- causes functional impairment resulting in deadly errors in professions such as nursing, emergency medicine and airline navigation/piloting?
- exacerbates road rage, crime, violence and aggression?
- leads to social isolation and loss of access to social/medical services for electro-sensitives?
- affects employment, accommodation etc, as well as the emotional and psychological dimensions of life for electro-sensitives?
- causes people to lose their homes, livelihoods, savings and functionality, incur debt and become unable to pay mortgages, taxes or living expenses?
- prevents a growing number of citizens from engaging in/contributing to society?

What is your game plan?

What do you think will happen if you fail to acknowledge and address the facts? How can this short-sighted, destructive, unsustainable approach possibly serve humanity or further your own agenda?

What *is* your agenda? And what is your long-term vision for a world that is being bombarded with unchecked, ever-escalating microwave radiation that is detrimental to all forms of life on Earth?

decreased productivity, economic activity and performance

+

increased sickness, disability and dependence on social services

=

the collapse of healthcare systems, pension funds, infrastructures and the economy.

⁷⁸ Evidence given by Dr Neil Cherry to Australian Senate Inquiry, 2000.

What needs to happen

In keeping with its remit of protecting global health, WHO must also undertake the following, without delay:

- **Replace the head of your EMF Project** with an unbiased, independent, medically qualified professional with firsthand experience and knowledge of microwave sickness/EHS and an understanding of the biological and cellular processes involved in EMR exposure, as well as their effects on all forms of human, plant and animal life.
- **Include in EMF working groups/committees reputable scientists** who have done and published research showing the links between exposure to EMFs and their biological effects. The working groups and committees, including the one currently reviewing evidence, must be made up of independent people with no present or past allegiance to, or affiliation with, industry or ICNIRP.
- **Consult with those who are electro-sensitive** to develop an in-depth understanding of the symptoms, triggers and biological effects of the various forms of man-made electromagnetic radiation in our environment.
- **Set up a global registry for those with microwave sickness/EHS.** Create a questionnaire on your site (after correcting your website regarding EHS/EMR) and request that all Member States urgently circulate it among their citizens, urging them to complete and return it to an independent UN office designated for this purpose and overseen by the UN Secretary General.

In keeping with its standard protocol for epidemics, WHO must undertake the following, without delay:

- **Conduct expert and technical consultations**—with those who have EHS and with doctors and reputable, independent scientists who acknowledge and respect those with EHS and are fully informed of the bio-effects of EMR.
- **Create public awareness campaigns** to sensitize policymakers, private sector partners, medical professionals and the public at large.
- **Recommend that all countries ensure the removal of wireless devices** from all public places, especially all healthcare centres, hospitals and schools.

- **Call on all countries to immediately implement the Precautionary Principle**, to halt any further roll-out of wireless devices in their communities, and to scale back on their existing installations.
- **Call an immediate halt** to the installation of microcells close to our homes and to the roll-out of **the extremely harmful 5G technology** to be beamed at us from space.
- **Require that warnings in the safety manuals and disclaimers for all wireless technology be made public**, especially in schools. These warnings confirm that this technology is harmful and they must be publicly, visibly displayed, together with details of the known bio-effects.
- **Develop strategies that will make technology safer and healthier for all.**

“In a world where a drug cannot be launched without proof that it is safe, where the use of herbs and natural compounds available to all since early Egyptian times are now questioned, their safety subjected to the deepest scrutiny, where a new food cannot be launched without prior approval, the idea that we can use mobile telephony, including masts, and introduce WiFi and mobile phones without restrictions around our 5-year-olds is double-standards gone mad. I speak not just as an editor and scientist that has looked in depth at all the research, but as a father that lost his beloved daughter to a brain tumour.”⁷⁹

—Chris Woollams, Editor, Integrated Cancer and Oncology News
CEO, CANCERactive

79 http://www.radiationresearch.org/pdfs/reasons_us.pdf

Everyone has their tipping point

As a rapidly growing number of people succumb to the harmful bio-effects of microwave and other man-made forms of radiation, fewer and fewer citizens will be paying their bills or taxes, while more and more become dependent on social services, disability/pension funds and healthcare systems to support them as they become increasingly ill and unable to function. Already, healthcare systems in most urban centres are unable to cope with the exploding incidence of disability and ill-health.

You cannot justify wasting any more precious lives, time or resources posturing, disputing the science, denying the facts, siding with industry, ignoring the reality, committing crimes against humanity, or pretending to be doing your job. Millions of us are reaching our tipping point of intolerance—not just for microwave radiation, but for your indifference, ineptitude, lethal bureaucracy, political pandering, criminal negligence and lack of essential humanity.

It's time to come down from your ivory tower and inhabit the real world.

Microwave sickness/electro-sensitivity is happening all around you.

It is undeniable. It is real. It is rapidly spreading.

Your inaction is costing lives and it is unacceptable.

You are accountable to us for protecting our health.

Respect the science.

Accept the facts.

Do your job.

Make it happen.

NB: The accompanying votes of no confidence in WHO and its EMF Project have been gathered independently of this document. While many (if not all) of those who voted may well agree with the information contained in this document, they have only signed their names to the petition itself. Voting is ongoing, with more and more people around the world adding their names to the list every day.

Details of the voting initiative, as well as the daily update on the number of votes received, can be found here: <http://olgashean.com/who-emf>

Appendix 1. Electromagnetic hypersensitivity (EHS): excerpts from a summary by Dr Erica Mallery-Blythe⁸⁰

EHS is characterized by an awareness of/adverse response to even extremely weak electromagnetic fields (far below current safety levels) of varying frequencies, intensities and waveforms. It has been demonstrated to be an “environmentally inducible bona-fide neurological syndrome”. It is a primary physical issue, not a psychological one. Conscious perception can vary with age, gender and physiology. Effects can occur even in those not experiencing symptoms at a cellular level, and it is possible that everybody could potentially develop EHS as every cell in our body is dependent on electrical signals.

Common symptoms: Headaches, dizziness, sleep disturbance, sensory up-regulation, dermatological issues, palpitations, visual/auditory disturbances, membrane sensitivity, muscle twitching, hyperactivity/fatigue, memory/concentration disturbance and anxiety (psychiatric symptoms such as anxiety and depression are likely to be secondary to the physiological effects rather than a primary cause).

Exposure-induced: EHS is a cumulative, exposure-triggered condition, and exposures are rising rapidly. If EHS is unmanaged and there is general deterioration, there will be reaction to an increasingly broad range of frequencies at increasingly low intensities. The number of devices triggering symptoms will increase, symptomatic distances will decrease and irreversibility will become more likely.

The number of people with EHS symptoms who have not yet linked them to exposure is likely to be far higher than the estimated 4–10% of the population reported by several countries. Given the ubiquity of exposure in all environments, it can be difficult for people to notice the association. **Extrapolated figures suggest that 50% of the population may be affected by 2017.** With enough exposure, **it is possible that EHS could manifest in all members of the population.** Many children are affected but undiagnosed. They are more likely to develop EHS since their exposure is higher and their systems are developing.

Socioeconomic impact of EHS and human rights: EHS is already affecting a very large number of people, many of whom are unable to work due to their condition, resulting in lost revenue. An extra burden is placed on healthcare agency resources due to inappropriate diagnosis and management of common symptoms. In more severe cases, individuals are forced to live in extreme isolation, poverty and poor health, with some living in cars and tents, which can also prove threatening to health and life, especially in extreme temperatures. They cannot access basic, life-sustaining public amenities, such as grocery stores and healthcare facilities, which constitutes a clear breach of their human rights.

“I have been contacted on a daily basis by individuals with EHS, medical practitioners, school and parent groups, legal representatives, the media and political bodies looking for medical advice on EHS or the health effects of EMF in general. This is an increasingly demanding task and therefore I have founded a medical doctors’ organisation entitled PHIRE (Physicians’ Health Initiative for Radiation and Environment) in order to increase the available support for those requesting it” (<http://phiremedical.org/>).

⁸⁰ See: <http://www.iemfa.org/wp-content/pdf/Mallery-Blythe-v1-EESC.pdf>; includes 72 pages of scientific references.

Appendix 2. Testimonials from those with microwave sickness/electro-sensitivity

Broken-hearted



My name is Amanda Collins and I live with my 12-year-old daughter Skyla [pictured here] in Lenteguer—a suburb on the outskirts of Cape Town. Aged four, Skyla was diagnosed with autism and ADD and attends a ‘special needs’ school. Since the installation of a cell tower, 10 metres from our home, around a year ago, I have noticed a complete change in Skyla’s demeanour. She has retracted back into the shell she was starting to escape from and become quiet, introverted and rarely initiates conversations.

My heart is broken as I do not know how to help my daughter. I too am suffering and have learnt to live with buzzing in my ears, difficulty falling asleep at night, as well as regular headaches. I now keep a supply of pain pills on hand.

My crowning glory used to be my hair, which was thick, straight and shiny. Today, I hardly recognize myself in the mirror as my hair has become wiry and dry.

Under Apartheid, my community was disenfranchised. It is how I feel once again today!

—Amanda Collins, Cape Town, South Africa

Unable to protect our children

I am a caregiver for an electrically hypersensitive child. As a result of witnessing the onset of EMR sensitization of my child in school, I have deep concern over the impact of chronic, high-density WiFi exposure in schools. Presentation of headaches, bloody noses, tinnitus etc consistently correlate to high near-field power density exposures measured in the child’s school environment. Furthermore, the subsequent removal of exposure and placement of the child in a school system that does not use WiFi, followed by the disappearance of symptoms, is strong evidence of a cause and effect that cannot continue to be denied.

The disabling health impacts my child has suffered due to overexposure of EMFs are, in fact, confirmed by numerous peer-reviewed scientific studies, case reports and epidemiological data. However, these data are not currently reflected in the guidelines and, as a result, the US FCC/ICNIRP guidelines are not protective of public health and cannot be used, nor should they be used, to define safety.

—AHD, Massachusetts, USA

Navigating government neglect



In 2010, while living in London, Ontario, I developed electromagnetic hypersensitivity (EHS) after two cell towers were built behind my home. I had initial symptoms, which I did not attribute to radiofrequency (RF) exposure: ringing in my ears, nausea, vomiting, sleep problems, unexplained hormonal changes, nerve twitching, deteriorating vision, extreme fatigue and rapid weight gain. I also developed multiple chemical sensitivity (MCS).

Things rapidly worsened after the second cell tower was built. Suddenly, I could feel the radiation from the towers, cell phones, WiFi routers etc on my skin. I also started reacting to electric and magnetic fields. I knew exactly what the problem was because I could feel it so intensely. It's like putting your hand near a hot oven and feeling the heat from it. There's no doubt about the source. A few months later, I was diagnosed with EHS by a leading occupational health doctor in Canada. My mother reported my illness to Health Canada, on my behalf, because I could no longer use a computer at that time. Health Canada sent a written response telling her my condition did not exist.

Over the next few years, due to EHS, my family had to move twice. I had to stop working as an airline pilot and, after another cell tower was installed in my neighbourhood (even though it didn't meet Industry Canada's own criteria), my symptoms became so severe I had to refugee out of the country to Green Bank, West Virginia, where there's a radio-free zone set up to respect the sensitivity requirements of the world's largest steerable radio telescopes. For two years, I spent half of every month in Green Bank, staying in a 200-year-old log cabin, eventually having to start camping because I couldn't afford to pay for shelter. The two years being mostly away from RF allowed my body to slightly heal and, with extensive shielding on the side of my home to block the neighbour's WiFi, I am staying home, although it is very challenging for me to be here and we must once again seek a safer place to live.

A group of us formed a national non-profit organization to help others injured by this technology. Because of my efforts to raise awareness, I am inundated with calls for help from people all over the world. Some people are living in their cars. One mother even had her young child living with her in a tent in the Canadian winter as there was nowhere else for her to go. I tried to help battered women who can't even stay in a women's shelter because of the WiFi there, as well as a blind woman with EHS. The abysmal lack of recognition and accommodation for those suffering with EHS is unconscionable. The reality is that they cannot even go to the hospital for help.

There are cancer and brain tumour clusters around all the cell towers in my area; people have died.

I am more fortunate than most. I have been diagnosed by multiple occupational health physicians and an environmental health doctor, and my insurance company at work recognizes my illness. Most people with EHS do not get disability coverage and most doctors are not educated about this condition. In general, communities and families are turning their backs on people they care about in favour of this new technology; it's that addictive. **People are making inhumane decisions and are treating those of us with EHS as though we aren't even people—as if our survival is less important than their wireless devices. WHO must step in and do the right thing.**

—Melissa Chalmers, A320 Captain,
Director of EPIC (Electromagnetic Pollution Illnesses Canada Foundation)
Grand Bend, Ontario

Extreme exposure, lifelong illness



“While serving in Vietnam, I was irradiated daily with high levels of non-ionizing microwave radiation (150–1,000 watts) and was in personal contact with many different wireless military transmitters. I always felt nausea, headaches, tiredness, sleeplessness, aching all over, burning and tingling. Once wireless technology was introduced, my illness became worse. When I returned home from Vietnam, I was rushed to hospital suffering brain inflammation (encephalitis), which I believe was caused by the radiation from the specific transmitters I operated. Six months later, three other soldiers who served in my troop died from encephalitis. Since then, I have become sicker and sicker, eventually developing pancreatic cancer and requiring a number of major surgical procedures for radiation-induced conditions. I now suffer from peripheral neuropathy (PN) and myopathy, believed to be caused by wireless radiation.⁸¹ My PN began four years ago, due to radiation from my next-door neighbour.

“My weakness and fatigue became so bad that I had to give up playing lawn bowls as all the players around me had their mobile phones in their pockets. Now, I struggle with walking our dog, at times losing my balance and nearly falling over. My legs burn and tingle all the time, my ankles swell up and I have lost most of my strength in both legs. I was a keen gardener but can no longer work in the garden. My condition is steadily worsening and I see no hope of recovery unless the radiation stops.”

—George Parker, former military communications officer, Australia

Doctors deny the facts



I am an artist (a painter) and I work at a museum in Haifa, Israel. I have been suffering from EHS for two years now. It started with rashes on my face and fast heart palpitations when sitting with the laptop and being with the smart phone in my car. I was suffering also from terrible fatigue and memory loss, difficulties in concentration and vertigo. I was also ill very often, suffering from sinusitis and pneumonia.

We have now installed a corded phone and stopped using WiFi at home. I still suffer from WiFi, cell towers and smart phones, but my condition is better now, after giving away the smart phone and being careful with radiation. I have problems sitting in cafés, going to the theater, sitting in class meetings at my children’s school, and staying too long at work.

I also have trouble explaining my condition to others, since most people, including medical doctors, don’t believe or don’t want to believe what I tell them.

—Hadas Weiss-Peled, Haifa, Israel

⁸¹ Neurologist Dr Jack Kruse reports that EMR affects the nerve endings of the central nervous system and peripheral nervous system, and that peripheral neuropathy is caused by the breakdown of these nerve endings, which then causes muscle wasting.

Heartfelt effects

I have been housebound since December 2015, due to microwave radiation exposure, and have nearly died several times due to heart issues. My 8-year-old is also severely affected and is struggling to live within the limitations imposed by this intolerable radiation. I live in constant anxiety, worrying about what I would do if my child fell and broke an arm, since taking him to hospital is disastrous for both of us. All hospitals now have WiFi and iPhones, and ambulances are even scarier, as that is where my heart is most severely affected.

My son suffers from heart arrhythmia, stomach pains, anxiety, difficulty concentrating, behavioural changes, insomnia and other disturbing symptoms. WiFi in school is NOT an option for him, as he cannot function or learn in that environment. WHERE WILL HE ATTEND HIGH SCHOOL? He is isolated and cannot participate in activities with his friends. There are cell towers and wireless routers EVERYWHERE. **But, in a safe zone, we feel fine, with no symptoms!**

Mainstream doctors don't seem to know anything about this, and consulting them has been a huge waste of time. We were finally diagnosed with EHS by an environmental/orthomolecular doctor.

I cannot work and can barely keep up with regular daily chores and tasks. It's hard enough trying to endure and live within these constraints, but trying to raise an 8-year-old on top of that is overwhelming. Yet it seems that NOBODY cares, which is devastating for me and my family.

OUR CHILDREN are going to pay the highest price and my son is already paying. Our freedom and lives have been robbed from us. Leadership must come from WHO and Health Canada to make the difference in our lives, but I see no sign of hope.

—BP, Quebec, Canada

How it usually starts—the initial symptoms of electro-sensitivity



I have been having trouble with EHS since the 1990s, when I realized that whenever I used a cell phone I had a headache for 10 or 15 minutes. Since then, it has worsened every year with the increased RF everywhere I turn. Thankfully, I'm not a young person, because I'm not sure how I would make a living. Having this sensitivity shuts down a lot of opportunities.

—Alan Jensen, Gabriola Island, BC, Canada

Discrimination against those with EHS

In November 2005, my 63-year-old wife Alessandra began experiencing pins and needles in her right arm, leg and hand and later also in her left. She met a lot of doctors and lots of tests were done. Two hernias were found and she was treated with physiotherapy, without any positive effect. In autumn 2006, she was admitted to Emergency several times, due to a lack of energy and tachycardia. In April 2007, she woke up one night with strong internal trembling and had trouble breathing. The symptoms stopped when she lay down on the marble floor, slept in the underground cellar or in the garage, or got 500–600m away from our house.

Throughout May and June 2007, during car trips on the motorway, she was ‘assaulted’ countless times whenever we approached mobile phone masts, experiencing sudden strong ‘hits’ to her chest. To escape the radiation, we moved into a farmhouse and stayed there for three weeks. Then we rented a flat in downtown Crema, in a 17th century building with very thick original brick walls. From July 2007 onwards, she started to recover, slowly regaining the 8kg she had lost. We were finally able to return to our own flat after five years, when the mobile phone tower (280m away from our flat) was removed.

Because of her multiple chemical sensitivity and EHS (which meant she could not tolerate the WiFi in the school), my wife was fired and received a 40% reduction in her pension after teaching at the school for 38 years.

—Submitted by husband of Alessandra, former teacher, northern Italy

An all-too-common story

A former top-selling realtor in Toronto, Lucy Sanford used all kinds of wireless devices. In addition to her cell phone and nearby cell antennas at her office, there were 20 antennas on the roof of her residence. She also had WiFi, a Blackberry and four cordless phones at home. Plus her fancy car was loaded with gadgets generating high electromagnetic fields. “I loved the technology,” she said. “I lived, worked, slept and breathed in this environment.”

As is the case for an increasing number of people in our electrified and wireless world, however, Lucy developed an extreme and ever-worsening case of electromagnetic hypersensitivity (EHS). The condition ultimately ended her career and sent her to the ER one night after she experienced severe convulsions that continued for two hours.

In Emergency, after consulting various doctors, Lucy was ultimately transferred to the psychiatric ward of another hospital, where she remained for two weeks. “I was sent home with prescriptions for anti-anxiety pills and anti-depressants and a referral to a psychiatrist,” Lucy says.

This pattern is all too common within the medical profession, even a decade after Lucy’s experience. So great is the medical community’s ignorance and outright denial of electro-sensitivity, that many sufferers are still psychoanalyzed, drugged and even involuntarily committed to psychiatric wards when they seek medical help for their potentially life-threatening physical reactions to wireless radiation.

As Lucy’s symptoms multiplied (including the entire left side of her body going numb and drooping for several hours at a time), her doctor speculated variously that it was due to menopause, Fibromyalgia,

Chronic Fatigue Syndrome, and more. Lucy was tested for Lyme Disease and Multiple Sclerosis, and given MRIs, CT scans, a spinal tap and other tests. But her ailment remained a mystery.

Having exhausted all other diagnoses, her doctor speculated that Lucy might be electro-sensitive and suggested she remove herself to a low-EMF environment on a trial basis to see if she felt better. Finally, Lucy got relief and all her symptoms disappeared after four days on a friend's farm. She has since healed her body and got her life back.

"I believe people with EHS are the lucky ones," Lucy says. "Our warning systems are forcing us to be aware of our environments and make changes and heal, as opposed to not feeling the warnings and getting something like cancer or Alzheimer's. I would not change this experience," she says of her 14-year ordeal with undiagnosed EHS in Toronto, and her subsequent 4-year healing journey in the much smaller Ontario town of Crystal Beach.

—Excerpted from www.electroplague.com⁸²

Even doctors go unheard



I have suffered from electromagnetic hypersensitivity (EHS) since 2011. The most challenging symptom is tinnitus or microwave hearing, as exposure to cell phone mast radiation has resulted in me being able to hear electromagnetic radiation (EMR). When WiFi or cell phone traffic is dense, I hear a high-pitched noise, especially at night, and cannot sleep. I also get headaches, dry, red, itchy eyes and skin rashes, which make me feel irritated, allergic and anxious.

My family and I began suffering with EHS after five of South Africa's biggest main frames and a central cell phone mast were installed in the Great Westerford Building, Newlands, Cape Town. When we complained to the City Council, they measured the radiation and said it was below the levels identified by ICNRIP/WHO as being safe. We now know that these levels relate to thermal and not non-thermal effects, are set well above real safety levels and are not properly monitored by governments.

One of my deepest concerns is the denial of EHS by medical professionals, the industry and government. As a result of this denial, I cannot speak of my condition without feeling stigmatised, yet I know that 15–30% of people exposed are disabled by their environments. Many sufferers I have met say that this is not a world that they wish to live in. Others ask: "If this is what we experience, how are animals, birds and insects suffering?" This is important, as these creatures have an even greater sensitivity to sound and resonance than humans.

Furthermore, epidemiology studies and funding for independent researchers that could investigate this condition are persistently blocked. Instead, governments force sufferers to live defensively, unprotected and under intentional cruelty, and their disregard for our well-being is matched by society's general sense of entitlement to enjoy this unregulated technology, even though it's harming people and the planet.

—Dr Lauraine Vivian, BSc, MSc, PhD, Medical Anthropologist, Cape Town, South Africa

82 See: <https://electroplague.com/2014/01/23/lucy-sanford-healing-mind-and-body/>

Inexplicable symptoms finally explained

In February 2015, I suddenly had lights flashing in front of my eyes, which was frightening and continued for almost an hour. I went to Emergency, as I thought I might be having a stroke. I was told that I had a ‘headacheless’ migraine—that the arteries or veins in my head were swollen and inflamed.

My doctor told me to hire a housing biologist to check the electricity in our home, as I had complained in the past that our electric outlets read in the range from 60Hz to 1800Hz in different rooms. The EMF meter reading in the wall beside my bed was about 49 volts when my reading light was on and about 26 volts when it was off. I had difficulty sleeping and often woke at night. For 10 years, I was exposed to these high EMFs, which explained why this ‘migraine’ kept returning on the right side of my head only—the side exposed to the lamp and wall.

After that first ‘headacheless’ migraine, I frequently felt dizzy, nauseous, with a tight right side of my head whenever I was near electrical appliances or under fluorescent lights. When I removed myself from the location, I felt better. I had to stop going to restaurants, department stores and most public venues. Even driving my old 1998 car made me feel dizzy and nauseous and I had to really focus so I didn’t lose consciousness. Newer cars with GPS and electric taxis disorient me and make me feel ill. When I’m away from these electric items, I feel good. Once, outside, I couldn’t understand why my head was feeling tight, until I was informed that my friend was wearing a WiFi watch. He told me he had been having health issues—dizziness and low blood pressure that made him faint. He turned it off and never wore it again.

I know what EMFs can do to a person whose body tissues have been ‘fried’, in a sense. It takes years for the damage to be done and it will likely take years for me to recover.

—Lavonne Garnett, Nanaimo, BC, Canada

Housebound, shunned and dismissed

I’m a 43-year-old Italian woman and I have had EHS for 20 years, although I only realized it a few years ago. Starting in the mid-90s, I had hormonal disturbances, acne-like skin rash, irregular periods, frequent infections, urinary and gastrointestinal problems, frequent headaches, blurred vision, chronic fatigue, and alteration of circadian rhythms, among other things. After the introduction of 4G technology, my symptoms got worse. To investigate the possible cause of one of them, I underwent an MRI scan. After the scan, I had a nightmarish phase: constant headache, insomnia, rapid heart rate and a bad rash on my face, uncoordinated movements and loss of balance. By chance, I sat next to a WiFi router in a studio, having never used WiFi before, and my symptoms become intolerable. That’s when I started making the connection.

I asked my neighbours to turn off their WiFi routers at night (there were about 25 signals invading my flat). They refused and I had to flee my home. I moved to my parents’ flat but most of their apartment was also invaded by about 20 WiFi signals from the other flats. Again, I asked the neighbours to turn off the WiFi routers at night, but I was either ignored or bullied. I was forced to live in a one-square-meter area of my parents’ kitchen, where the radiation levels were lower. I’ve been there for the past three years, sleeping on a chair. When I started living in this low-EMF area, ALL my symptoms, after

almost 20 years of agony, disappeared completely! My body started working like a Swiss watch and I even stopped having blurred vision. It was amazing.

But I can no longer go out. I'm a prisoner in my own home. When I'm exposed to wireless radiation, I get headaches, concentration lapses, mental confusion (to the point that I no longer understand where I am or what I'm doing), dizziness, lack of coordination, difficulty finding words, tinnitus, an itchy skin rash, cardiac arrhythmia, lymph node swellings, extreme fatigue, sleep problems, irritability, visual disturbances, joint and musculoskeletal pain and numbness.

Needless to say, I can't work, I don't have a private life and I have nothing to live on, apart from what my parents give me. I'm a strong person by nature, but it has become extremely hard to endure this. I can't continue to be a burden to my parents and I'm worried about my future, because I'm alone and I can't create my own family. My family doctor didn't believe I had a real disease and I'm currently battling not to have a smart meter installed. It would be placed 2m away from my 'safety area', which is being invaded more and more as the level of radiation increases. My life has become torture. I have been done a great moral, biological and material damage and I have lost my dignity as a human being.

—Paola, Italy

Appendix 3. Details of the Vote of No Confidence in WHO and its EMF Project

Details of the voting initiative, in English, French and Spanish, as well as the daily update on the number of votes received, can be found at <http://olgasheean.com/who-emf>

Make your voice count. Sign this VOTE of NO CONFIDENCE in WHO's EMF Project

Version française :



Version en español :



We, the undersigned, being aware of and/or harmed by the adverse biological effects of EMFs, hereby declare our VOTE OF NO CONFIDENCE for WHO and its EMF Project, headed by industry-biased Emilie van Deventer—an electrical engineer (with no medical or health credentials), who has publicized her support for the wireless telecommunications industry and has a major conflict of interest, given her industry-funded research aimed at promoting and advancing wireless communication technology.

We demand that:

1. Emilie van Deventer be immediately replaced by a qualified independent professional who has the appropriate medical credentials and a medically informed understanding of and respect for the millions of individuals experiencing microwave sickness/electromagnetic sensitivity, and who will act on the body of science that confirms the adverse biological effects of electromagnetic fields (EMFs).
2. WHO and its EMF Project take immediate action to acknowledge, and make science-based decisions regarding the proven harm caused by EMFs, without any bias or regard for commercial or industry interests, and with full disclosure to the public. With a mandate of preserving the health of the global population and, via its EMF Project, of 'investigating the detrimental health effects from exposure of people to non-ionizing radiation', WHO must ensure its complete freedom from industry bias and corruption.

—continued overleaf

Vote here

Votes so far: **2,003** updated daily

- > Only your name, occupation and location will be provided to WHO for the purpose of this vote. Your e-mail address will not be shared.
- > The votes will be accompanied by a separate document exposing WHO's failure to address or accurately report the science regarding the known adverse bio-effects of EMFs, and both will be submitted to WHO in January 2017.
- > This call for action is private and is not part of any other petition platform. Your e-mail address will only ever be used in the event that verification is required.
- > If you would like to be on our mailing list, you can sign up separately. Please see below.

