

The 5G and Effects on Mice, Rats and Humans. Ten New Studies. Dr. William Makis

Mainstream media links COVID-19, Vaccines and 5G

By [Dr. William Makis](#)

Global Research, March 21, 2024

[COVID Intel](#)

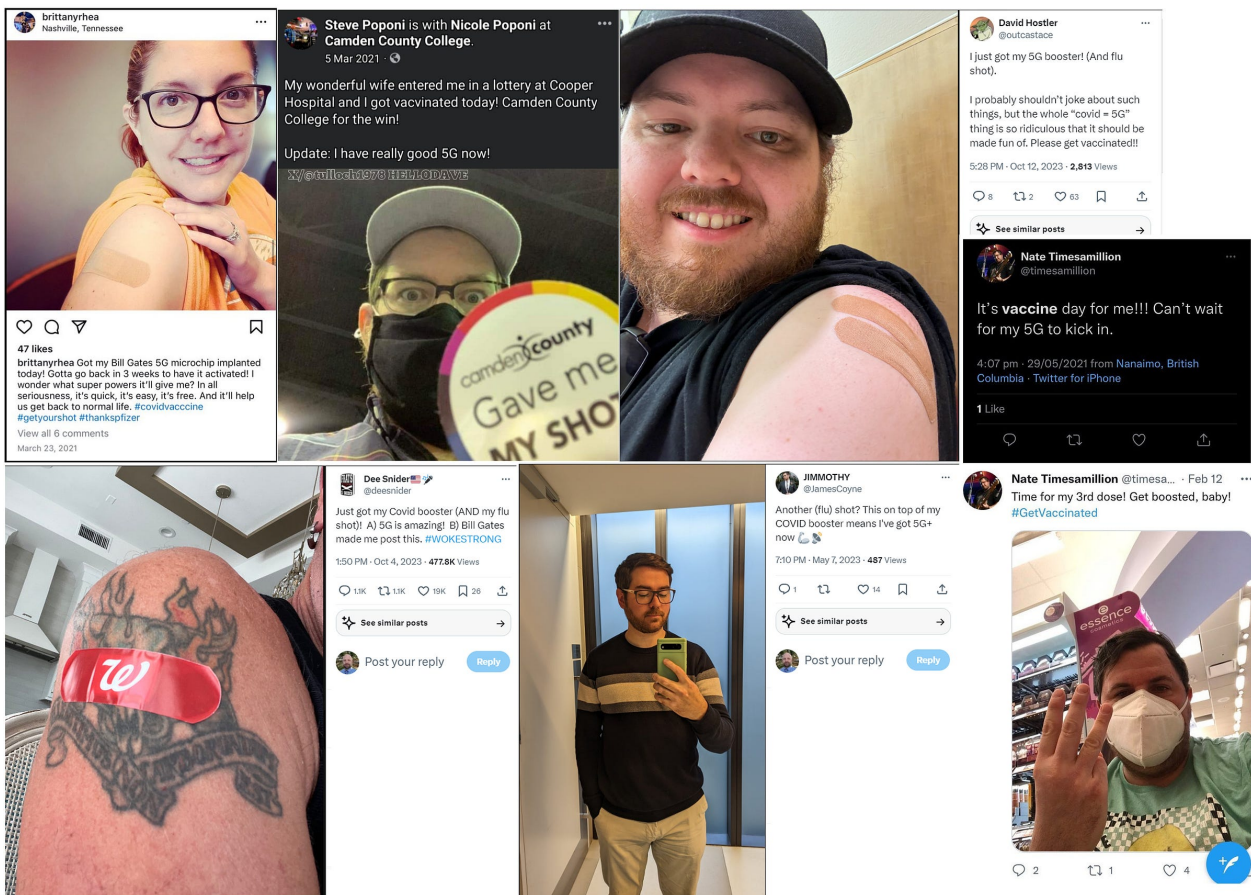
Theme: [Media Disinformation](#), [Science and Medicine](#)

All Global Research articles can be read in 51 languages by activating the Translate Website button below the author's name (only available in desktop version).

To receive Global Research's Daily Newsletter (selected articles), [click here](#).

Click the share button above to email/forward this article to your friends and colleagues. Follow us on [Instagram](#) and [Twitter](#) and subscribe to our [Telegram Channel](#). Feel free to repost and share widely Global Research articles.

[Global Research Fundraising: Stop the Pentagon's Ides of March](#)



They made fun of 5G after getting their COVID-19 Vaccine. Some of them died suddenly,

some had vaccine injuries, some are still alive and well. But why mention 5G at all?

What was the propaganda linking 5G to COVID-19 Vaccines? New research published about 5G is actually very eye opening.

Feb. 28, 2024 – Nashville, TN – 38 year old Brittany Rhea Garton died suddenly Feb.28, 2024, “organ failure” Mar. 23, 2021: “Got my Bill Gates 5G microchip implanted today! Gotta go back in 3 weeks to have it activated! I wonder what superpowers it’ll give me?” “Thanks Pfizer”

brittanyrhea
Nashville, Tennessee

47 likes
brittanyrhea Got my Bill Gates 5G microchip implanted today! Gotta go back in 3 weeks to have it activated! I wonder what super powers it'll give me? In all seriousness, it's quick, it's easy, it's free. And it'll help us get back to normal life. #covidvaccine #getyourshot #thankspfizer
View all 6 comments
March 23, 2021

Brittany Rhea Garton
Nashville, Tennessee
May 1, 1985 – Feb 28, 2024 (Age 38)

Brittany Garton
December 20, 2020 · 🌐

AND HE CONTINUES TO DO ABSOLUTELY NOTHING.
Tennessee has the highest amount of covid cases in the US. Which has the highest amount of covid cases in the world. GREAT JOB, BILL LEE. It's cool, we're just all sick and/or dying over here while you "know that Tennesseans will do the right thing." NO WE WON'T. We have yet to do a single thing right here. This should be criminal. YOUR PEOPLE ARE DYING, Gov. Bill Lee.

Brittany Garton
506 friends

Intro
Family Service Counselor at Dignity Memorial
Lives in Nashville, Tennessee

Posts

Oct. 31, 2023 – Fayston, VT – 47 year old Steve Poponi died suddenly on Oct.31, 2023 of a heart attack. “My wife entered me in a lottery and I got vaccinated today! I have really good 5G now!”

Stacey Brown-Downham
New Jersey, 2nd November, 2023
1 d · 🌐

For those of you who don't know, Dave's brother-from-another mother and business partner for over two decades passed away suddenly of a heart attack at 47 years young while on tour in Vermont this week and we are just gutted over it. It doesn't feel real.

When I first met Dave, he and Steve were b... See more

☰ **Brooklyn VEGAN**




photo via Gradwell House website

Steve Poponi (Up Up Down Down, Gradwell House) has died at 48

Andrew Sacher | November 2, 2023

Steve Poponi is with Nicole Poponi at Camden County College.
5 Mar 2021 · 🌐

My wonderful wife entered me in a lottery at Cooper Hospital and I got vaccinated today! Camden County College for the win!

Update: I have really good 5G now!

X/@tulloch1978 HELLO DAVE



Feb. 2022 - Nate Timesamillion developed pericarditis shortly after his 3rd COVID-19 Vaccine (booster)



Nate Timesamillion @timesa... · 7h ...
 Hello friends. Last night I went to the ER with fever, chest pains and shortness of breath. I have Pericarditis, a swelling of the tissue surrounding the heart. The doctor says this may be a reaction to the mRNA booster I received on Saturday. I'm doing fine today, resting up.

Nate Timesamillion @timesa... · Feb 12 ...
 Time for my 3rd dose! Get boosted, baby!
[#GetVaccinated](#)



New Research on 5G:

- [2024 Feb \(Wang et al\)](#) – Effects of radiofrequency field from 5G communication on fecal microbiome and metabolome profiles in mice
 - “After RF exposure, the mice fecal samples were collected to detect gut microorganisms and metabolites”
 - “Results showed that intestinal microbial compositions were altered in RF group, as evidenced by reduced microbial diversity and changed microbial community distribution.”
 - “Metabolomics profiling identified 258 significantly differentially abundant metabolites in RF group”
 - “4.9 GHz radiofrequency radiation may cause intestinal microbiota dysbiosis in mice”
 - “At present, we only suspect that the gut microbiota and metabolism imbalance were associated with depression-like behavior induced by RF, and metabolic profile imbalance may be related to the alterations of immune regulation or inflammation”
- [2024 Jan.31 \(Hardell et al\)](#) – An Eight Year Old Boy Developed Severe Headache in A School Close to A Mast with 5G Base Stations
 - “In this case study we present an eight year old boy who attends a

school with a mobile phone tower with 5G base stations 200 meters from the school area and 285 meters from his classroom.”

- “Relatively soon after the boy began attending class at the school, he started to suffer from headache, although not every day or not even every week at first.”
- “However during the autumn of 2023, the headache has become daily and more intense at school, grade 10 on the 10-grade scale; 0 corresponds to no discomfort and 10 to unbearable discomfort. He may also experience some fatigue (grade 5), and sometimes dizziness (grade 7) at school.”
- “The boy is symptom free in general at home but he may also occasionally have headache at home, grade 2 on the 10-grade scale, but this headache disappears relatively quickly.”
- “Since the autumn 2023, the boy has been wearing a protective cap (which shields against RF radiation) both outdoors and also indoors in the classroom.”
- “Outdoors, he also uses a RF-protective jacket and scarf. With the protective cap, he does not suffer from headache according to experience so far.”
- “Epidemiological studies performed to date show clear association between exposure to RF radiation and cancer [14]. In addition the largest laboratory animal studies during recent years at the National Toxicology Program [24,25] and the Ramazzini Institute [26], have confirmed the increased cancer risk.
- Laboratory studies have repeatedly and convincingly showed mechanisms that explain the increased risk of cancer. These include oxidative stress (known mechanism of cancer development), mRNA effects and DNA damage [27].
- Consistent results on RF radiation and cancer risks have thus been found in epidemiological studies in humans, in laboratory studies in animals and in laboratory studies on cells [14,28-30].
- With the increased knowledge of cancer risks, RF radiation should be classified as a human carcinogen, group 1 according to the IARC classification, if evaluated objectively without conflicts of interests. This classification should have a major impact on prevention measures.”
- [2023 Dec \(Ozgen et al\)](#) - Therapeutic effects of melatonin in long-term exposure to 2100 MHz radiofrequency radiation on rat sperm characteristics
 - “Radiofrequency electromagnetic fields (RF-EMFs) are one of the risk factors for male reproductive health and melatonin can be an ideal candidate for therapeutic development against RF-induced male fertility problems due to its antioxidant properties.”
 - “The possible therapeutic role of melatonin in the destructive effects of 2100 MHz RF radiation on rat sperm characteristics is investigated in the present study.”
 - “The percentages of abnormal sperm morphology were significantly increased with RF exposure, while the total sperm count was significantly decreased.”
 - “RF exposure also showed harmful effects on acrosome, axoneme, mitochondrial sheath, and outer dense fibers at the ultrastructural

- level.”
- “The number of total sperms, sperms with normal morphology increased, and ultrastructural appearance returned to normal by melatonin administration.”
 - [2023 Oct \(Bodin et al\)](#) - Sex-dependent impact of perinatal 5G electromagnetic field exposure in the adolescent rat behavior
 - “The current study aimed to investigate the effects of daily 5G electromagnetic field (EMF) perinatal exposure on the neurodevelopment of rats”
 - “results indicated that both male and female pups showed delayed incisor eruption in the EMF-exposed group”
 - “Regarding activity in the open field, adolescent females showed less stereotyped movements (– 70%), while adolescent males showed more stereotyped movements (+ 50%)”
 - present study suggested that perinatal exposure to 5G at SAR level below reglementary threshold led to perturbations in the descendants seen in juveniles and adolescents.
 - [2023 Aug \(Canovi et al\)](#) - In vitro exposure of neuronal networks to the 5G-3.5 GHz signal
 - “Our experimental findings extend our previous results, showing that RF, at 1.8 to 3.5 GHz, inhibits the electrical activity of neurons in vitro at levels above environmental standards.”
 - [2023 Apr \(Zheng et al\)](#) - Biological effects of exposure to 2650 MHz electromagnetic radiation on the behavior, learning, and memory of mice
 - “Our results indicate that exposure to 2650 MHz-EMR (WBSAR: 2.06 W/kg, 28 days, 4 h per day) may be associated with anxiety-like behavior in mice but not related to depression-like behavior in mice.”
 - [2023 Jan \(Singh et al\)](#) - Acute radiofrequency electromagnetic radiation exposure impairs neurogenesis and causes neuronal DNA damage in the young rat brain
 - “The study investigates the harmful effects of radiofrequency electromagnetic radiation (RF-EMR) exposure on the young rat brain.”
 - Higher level of lipid peroxidation, carbon-centered lipid radicals, and single-strand DNA damage was observed in the brain of rat exposed to RF-EMR.
 - “Results indicate that short-term acute exposure to RF-EMR induced the generation of carbon-centered lipid radicals and [nuclear DNA](#) damage, both of which likely played a role in the impaired [neurogenesis](#) and [neuronal degeneration](#) seen in the young brain’s [hippocampus](#) region”
 - “RF-EMR exposure induces degenerative changes in [dentate gyrus](#) neurons.”
 - [2023 \(Zhou\)](#) - Effect of radiofrequency radiation from 5G mobile phone on blood-brain barrier in mice
 - “The continuous exposure of mobile phone RF at 3.5 GHz or 4.9 GHz for 35 d (1 h/d) induces an increase of BBB permeability in the mouse cerebral cortex”
 - [2022 Nov \(Qin et al\)](#) - Effects of radiofrequency field from 5G communications on the spatial memory and emotionality in mice
 - “We investigated the effects of 4.9 GHz (one of working frequencies

- of 5G communication) radiofrequency (RF) field on emotional behaviors and spatial memory in adult male mice.”
- “depression-like behavior was induced in mice after 4.9 GHz RF exposure. In addition, the number of neurons significantly reduced and the level of pyroptosis obviously increased in amygdala rather than hippocampus.”
 - “These results suggested that 4.9 GHz RF exposure could induce depression-like behaviour, which might be associated with the neuronal pyroptosis in amygdala.”
- [2022 Sep \(Nyberg\)](#) – The European Union prioritizes economics over health in the rollout of radiofrequency technologies
- “Since September 2017, [the EU 5G Appeal](#) has been sent six times to the EU, requesting a moratorium on the rollout of 5G.”
 - “evidence...drawn from studies showing changes to neurotransmitters and receptors, damage to cells, proteins, DNA, sperm, the immune system, and human health, including cancer.”
 - “The 2021 Appeal goes on to warn that 5G signals are likely to additionally alter the behaviour of oxygen and water molecules at the quantum level, unfold proteins, damage skin, and cause harm to insects, birds, frogs, plants and animals.”

Conspiracy Theory Literature

Here is a fascinating November 2021 study out of Ireland by [Flaherty et al](#):

The conspiracy of Covid-19 and 5G: Spatial analysis fallacies in the age of data democratization

Eoin Flaherty,^{a,*} Tristan Sturm,^b and Elizabeth Farries^c

► [Author information](#) ► [Article notes](#) ► [Copyright and License information](#) [PMC Disclaimer](#)

Abstract

[Go to: ►](#)

In a context of mistrust in public health institutions and practices, anti-COVID/vaccination protests and the storming of Congress have illustrated that conspiracy theories are real and immanent threat to health and wellbeing, democracy, and public understanding of science. One manifestation of this is the suggested correlation of COVID-19 with 5G mobile technology. Throughout 2020, this alleged correlation was promoted and distributed widely on social media, often in the form of maps overlaying the distribution of COVID-19 cases with the instillation of 5G towers. These conspiracy theories are not fringe phenomena, and they form part of a growing repertoire for conspiracist activist groups with capacities for organised violence. In this paper, we outline how spatial data have been co-opted, and spatial correlations asserted by conspiracy theorists. We consider the basis of their claims of causal association with reference to three key areas of geographical explanation: (1) how social properties are constituted and how they exert complex causal forces, (2) the pitfalls of correlation with spatial and ecological data, and (3) the challenges of specifying and interpreting causal effects with spatial data. For each, we consider the unique theoretical and technical challenges involved in specifying meaningful correlation, and how their discarding facilitates conspiracist attribution. In doing so, we offer a basis both to interrogate conspiracists' uses and interpretation of data from elementary principles and offer some cautionary notes on the potential for their future misuse in an age of data democratization. Finally, this paper contributes to work on the basis of conspiracy theories in general, by asserting how – absent an appreciation of these key methodological principles – spatial health data may be especially prone to co-option by conspiracist groups.

Mainstream media links COVID-19, Vaccines and 5G:

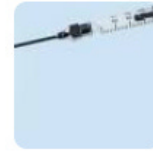
It's actually the mainstream media who went out of their way to connect COVID-19 Vaccines and 5G and thus promoted conspiracy theories to the public.



CNBC
<https://www.cNBC.com> › 2021/10/01 › why-the-covid-v... ⋮

Why the Covid vaccines don't contain a magnetic 5G ...

Oct 1, 2021 — Doctors and scientists explain why the **Covid vaccines** can't contain tracking microchips that make the spot magnetic, despite viral TikToks ...



AP News
<https://apnews.com> › article › fact-check-COVID-mRN... ⋮

No, COVID vaccines don't contain nanotechnology that can ...

Claim: A patent held by Moderna proves its COVID mRNA vaccine contains “programmable” nanotechnology that can interact with 5G communications technology.

Claimed by: social media users

Fact check by AP News: False. While it's true mRNA vaccines...



Reuters
<https://www.reuters.com> › article ⋮

COVID-19 vaccines are not a ploy to connect people to 5G

Jul 15, 2021 — The messaging in the meme is false. The social media posts read: “They faked this [virus image]. So you will accept this [vaccine image]. So ...



Australian Government Department of Health and Aged Care
<https://www.health.gov.au> › our-work › is-it-true-can-c... ⋮

Is it true? Can COVID-19 vaccines connect me to the ...

May 10, 2022 — Some of the mRNA **vaccines** being developed include the use of a material called a hydrogel, which might help disperse the **vaccine** slowly into ...



ScienceDirect.com
<https://www.sciencedirect.com> › article › abs › pii ⋮

The conspiracy of Covid-19 and 5G: Spatial analysis ...

by E Flaherty · 2022 · Cited by 28 — This makes mis-specified correlations, such as **5G** and **COVID-19**, more likely to occur. • Understanding of spatial data is necessary to challenge...



CNBC
<https://www.cNBC.com> › video › 2021/10/01 › why-the... ⋮

Why there's no 5G tracking microchip in the Covid vaccines

Oct 1, 2021 — Among the conspiracy theories circulating about the coronavirus pandemic, one claim is that **Covid-19 vaccines** contain microchips that the ...



France 24
<https://www.france24.com> › ... › Shows › Fact or Fake ⋮

Covid-19 vaccine: Is Bill Gates implanting us with 5G ...

Jul 19, 2021 — One issue causing real concern about public health is fake news around **Covid-19 vaccines**. In France, anti-**vaccine** sentiment is already high, ...



National Institutes of Health (NIH) (.gov)
<https://pubmed.ncbi.nlm.nih.gov> › ... ⋮

contagious conspiracism, 5G, and viral vaccinations

by T Sturm · 2021 · Cited by 101 — The uncertainties and scale of the **Covid-19** pandemic has mobilised global anxieties and insecurities, and many cultural groups have conjuncturally...

My Take...

Interestingly, by linking 5G with COVID-19 Vaccines, the mainstream media managed to minimize concerns about both technologies.

This propaganda was successful enough that some of those who were getting COVID-19 Vaccinated made jokes about 5G, not realizing that there were genuine concerns with both technologies independently.

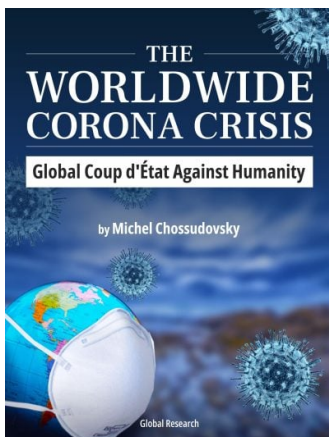
For some, falling for this propaganda has cost them their lives.

For completeness, [here is a speculative theory](#) by Dr. Buttar, that he spoke about before he died.

*

Note to readers: Please click the share button above. Follow us on Instagram and Twitter and subscribe to our Telegram Channel. Feel free to repost and share widely Global Research articles.

Dr. William Makis is a Canadian physician with expertise in Radiology, Oncology and Immunology. Governor General's Medal, University of Toronto Scholar. Author of 100+ peer-reviewed medical publications.



The Worldwide Corona Crisis, Global Coup d'Etat Against Humanity

by Michel Chossudovsky

Michel Chossudovsky reviews in detail how this insidious project “destroys people’s lives”. He provides a comprehensive analysis of everything you need to know about the “pandemic” — from the medical dimensions to the economic and social repercussions, political underpinnings, and mental and psychological impacts.

“My objective as an author is to inform people worldwide and refute the official narrative which has been used as a justification to destabilize the economic and social fabric of entire countries, followed by the imposition of the “deadly” COVID-19 “vaccine”. This crisis affects humanity in its entirety: almost 8 billion people. We stand in solidarity with our fellow human beings and our children worldwide. Truth is a powerful instrument.”

Reviews

This is an in-depth resource of great interest if it is the wider perspective you are motivated to understand a little better, the author is very knowledgeable about geopolitics and this comes out in the way Covid is contextualized. —Dr. Mike Yeadon

In this war against humanity in which we find ourselves, in this singular, irregular and massive assault against liberty and the goodness of people, Chossudovsky's book is a rock upon which to sustain our fight. -Dr. Emanuel Garcia

In fifteen concise science-based chapters, Michel traces the false covid pandemic, explaining how a PCR test, producing up to 97% proven false positives, combined with a relentless 24/7 fear campaign, was able to create a worldwide panic-laden "plandemic"; that this plandemic would never have been possible without the infamous DNA-modifying Polymerase Chain Reaction test - which to this day is being pushed on a majority of innocent people who have no clue. His conclusions are evidenced by renown scientists. —Peter Koenig

Professor Chossudovsky exposes the truth that "there is no causal relationship between the virus and economic variables." In other words, it was not COVID-19 but, rather, the deliberate implementation of the illogical, scientifically baseless lockdowns that caused the shutdown of the global economy. -David Skripac

A reading of Chossudovsky's book provides a comprehensive lesson in how there is a global coup d'état under way called "The Great Reset" that if not resisted and defeated by freedom loving people everywhere will result in a dystopian future not yet imagined. Pass on this free gift from Professor Chossudovsky before it's too late. You will not find so much valuable information and analysis in one place. -Edward Curtin

ISBN: 978-0-9879389-3-0, Year: 2022, PDF Ebook, Pages: 164, 15 Chapters

Price: ~~\$11.50~~ FREE COPY! [Click here \(docsend\) and download.](#)

[You may also access the online version of the e-Book by clicking here.](#)

We encourage you to support the eBook project by making a donation through Global Research's [DonorBox "Worldwide Corona Crisis" Campaign Page.](#)

The original source of this article is [COVID Intel](#)
Copyright © [Dr. William Makis](#), [COVID Intel](#), 2024

[Comment on Global Research Articles on our Facebook page](#)

[Become a Member of Global Research](#)

Articles by: [Dr. William Makis](#)

Disclaimer: The contents of this article are of sole responsibility of the author(s). The Centre for Research on Globalization will not be responsible for any inaccurate or incorrect statement in this article. The Centre of Research on Globalization grants permission to cross-post Global Research articles on community internet sites as long the source and copyright are acknowledged together with a hyperlink to the original Global Research article. For publication of Global Research articles in print or other forms including commercial internet sites, contact: publications@globalresearch.ca

www.globalresearch.ca contains copyrighted material the use of which has not always been specifically authorized by the copyright owner. We are making such material available to our readers under the provisions of "fair use" in an effort to advance a better understanding of political, economic and social issues. The material on this site is distributed without profit to those who have expressed a prior interest in receiving it for research and educational purposes. If you wish to use copyrighted material for purposes other than "fair use" you must request permission from the copyright owner.

For media inquiries: publications@globalresearch.ca