

Protecting Ourselves from Radiation

The significant problem of (CONSTANT) cell phone use among our young people has come to the forefront of my life as of late. When I first learned just how dangerous cell phones and cordless phones were years ago, I thought use of these handy but dangerous devices would be curbed as more information came out. Trouble is, there's so much money in their use, the media isn't educating on the dangers. Why should they? Cell phones bring in major revenue first with the sale of the devices and then with the monthly charges. Then there's the issue of how companies can profile people...like your teenage kids...and create marketing plans based on usage and commenting. So...I'm updating this article and republishing. Hopefully that will help a few more people wake up.

Most of this article comes from my notes of a session on the dangers of Electromagnetic Frequencies presented by Mary Cordaro at the recent [Weston A Price Foundation](#) conference. [Mary's website](#) is packed with science and helpful hints on how to protect us from the harmful wavelengths in the world today, as well as other environmental concerns. I encourage you to explore it as well as the site of the folks at [Defender Shield](#) who were also at the conference. I'm under the impression that RFSafe and EarthCalm are also reputable places for information and safety devices; I personally use their products, too.

To learn more about specific types and sources of EMFs, I went to [greenfacts.org](#). You might want to do the same. Knowledge is power.

SAFETY MEASURES and POINTS OF INTEREST:

ELF – (Extremely low frequencies) – comes from wired devices

- At desks, move cables/power strips as far away from your feet as possible
- Unplug as much as you can in your room at bedtime
- No electric blankets
- Use battery operated clock
- If you are really electromagnetically sensitive – turn circuits to bedroom (and around bedroom) off – do this after they have been inspected so you're sure they are safe.
- Explore home safety devices.

HF – (High frequency – digital microwave – pulsed radiation – cordless phones)

- Antennasearch.com – see how close cell towers are to your house
- Cordless Phones:
 - Are like a mini cell tower – always emitting
 - Use no more than 900 megahertz
 - Use sparingly
 - Use speaker if equipped with such
 - Investigate protective stickers that can be placed near the battery
- I found a great article on HF-EMFs [here](#).

Cell Phones

- All smart phones and tablets emit radio frequency electrical magnetic fields 10-15 feet out when in standby mode
- No pregnant women or children should use them
- Use corded phones at home (not cordless! – see above)
- Everyone should minimize cell phone use
- Use a well-researched protective device like [DEFENDER SHIELD Cell Phone Protection](#)
- Talk on speaker
- Use Blue TUBE (not Bluetooth!)
- Place phone at least 15 feet from people

- Put smart phone in airplane mode as often as possible (there still is some radiation still, but much less)
- ADDICTING (please research...here's a [start](#))

Tablets

- Radiate 10-15 feet, so...
- Keep in airplane mode as much as possible
- Research and use a protective device i.e. [DEFENDER SHIELD Tablet Protection](#)

Wi-Fi (many studies are out there including [studies in rats that showed Wi-Fi increases oxidative stress](#))

- Keep in mind that the Wi-Fi harmful wavelengths come from both the router and the device hooked up to the Net
- If you can, remove Wi-Fi from your home and use a hardwired Internet connection (I did!)
- Turn off your router at night
- Move router away from people, especially children
- ADDED NOTE: WIFI IN SCHOOL IS VERY DANGEROUS, ESP. IN ROOMS WITH MORE THAN ONE COMPUTER BECAUSE EVERY DEVICE IS EMITTING RADIATION – How many wifi computers are in your child's classroom?

Smart Meters

- Have dirty electricity that cannot be shielded.
- Learn more at www.smartmetereducationnetwork.com and www.michiganstopsmartmeters.com

Dirty electricity is a problem if you have Romex (as opposed to metal tubing). To reduce it:

- Avoid dimmer switches
- Use incandescent bulbs
- Avoid halogen lamps

Flat Screen Televisions

- AC magnetic radiation from a flat screen is relatively low (lower than the fatter TVs used to be).
- AC electric radiation, however, remains for up to 8 hours after turning the television off.

Additional website that was strongly recommended:

- Objective research – www.bioinitiative.org

Since I originally wrote this article in 2015, I got a smart phone. It's in airplane mode most of the time, and I have worked through the addicting habit of constantly checking it or using it for information/social media. Not easy!

Additionally, in the last 2 years thousands of additional cell towers have been erected around the U.S. Nearly every school USA has wifi, as do libraries, restaurants, hotels – who doesn't? It's not that the dangers magically went away one day...we've just gotten complacent and trust that if the government allows it, it must be safe. I wish that were so, but it's not.

Does it bug you that you're eating Roundup? It should.

I watched this video last week and felt so sad knowing many of my loved ones are seeking help for illness from the medical field while they're eating foods that not only can't sustain them, but are literally harming them. In this interview, the actual mechanisms of harm are identified. I just had to share.

Many thanks to [Jeffrey Smith](#) and [Dr. Stephanie Seneff](#) for describing in detail what happens to the body as a result of exposure to Round-up. These destructive actions are contributing to most, if not all, of the diseases of our time. **If you or anyone you know has one of the concerns listed directly below the video, I urge you to take an hour and watch.** For those who can't, I've summarized key points below, along with the time reading from the interview so you can go directly to that topic if you like. This **IS** effecting you. It **IS** harming you.

[Jeffrey Smith interviews Dr. Stephanie Seneff about Glyphosate](#) from [Kristin Canty](#) on [Vimeo](#).

Problems influenced by glyphosate – the active ingredient in Roundup: anxiety, aggression, autism, ADHD, Alzheimers, cancer, depression, diabetes, fibromyalgia, gastrointestinal problems, heart disease, infertility, multiple sclerosis, and Parkinsons. If you have any of these issues and your health care professional has not advised you to stop eating conventionally raised food, you have not been given the whole truth. That professional has likely not been made aware of the **danger**, but it is **real**.

The interview begins by explaining that crops are now "Roundup Ready", meaning the plants actually drink up the pesticide which leaves more in the food end product. Smith points out

that the allowable residues have gone up since the plants were made Roundup Ready. Initially we were told Roundup would make it so less pesticides would have to be used, but the pests became resistant, and now its use has more than doubled. In the first 16 years, 527 million pounds of Roundup has been used. Current studies show, in the Midwest {7:20}, 60% to 100% of ALL samples of air, water and rain contain glyphosate. This is call for alarm. It is even found in the blood of newborn babies.

In a [recent post](#) on my site, I talk about how disease is caused by exposure to toxins and not having enough nutrients to protect ourselves. These are exactly the concerns Dr. Seneff cites {2:45} that Roundup is responsible for. She relates that glyphosate depletes calcium, magnesium, iron, zinc, cobalt and other minerals causing nutritional deficiencies AND leaves toxins in the body.

Dr. Seneff points out that Monsanto was able to say that the active ingredient in Roundup didn't effect human cells because it works on a metabolic pathway called the shikimate pathway, which humans don't have. However, as I pointed out in [last week's post on the Microbiome](#), we have 10 times more bacterial cells than human cells, and those bacteria ARE negatively effected by glyphosate, causing inflammation and other harmful responses.

What does glyphosate do in the body?

1. Harms our good bacteria and then bad (pathogenic) bacteria can take over (autism {5:00}) and produce toxins (i.e. ammonia and formaldehyde) that can lead to encephalopathy (Alzheimers {20:00}) and DNA damage {13:00} (cancer {34:30}). Dr. Seneff stressed the #1 action to take for Alzheimers is to remove all sources of glyphosate (it is in processed food and used often in lawn/yard care).

2. Blocks the CYP 450 enzyme pathway {17:00} which harms the

liver, enzymes that help us detoxify, hormones and our ability to make vitamin D.

3. Destroys amino acids in food as well as interrupting the body's ability to make aromatic essential amino acids {25:03} like tryptophan and tyrosine. We need these amino acids to make serotonin (lack = depression, aggression, obesity) and dopamine (Parkinson's {32:00} and fibromyalgia).

4. Contributes to multiple sclerosis {41:00} both by destroying the myelin sheath and by causing leaky gut which leads to the body attacking itself (autoimmune disorders – of which we are seeing a dramatic increase). Leaky gut, or intestinal permeability, also leads to bowel inflammatory disorders {45:30} like Crohn's disease, colitis and IBS.

5. Since minerals like zinc, cobalt and manganese are no longer available in our foods and our body requires these to function, we keep eating more and more in our body's desperate attempt to get what it needs (Obesity {59:00}).

6. Disrupts our cells' ability to store sugar (Diabetes {59:00}).

What about safety studies? {36:20} Monsanto did do short term (90 day) studies for safety. However, when independent studies were done, in the fourth month of research, the female test animals (80%) developed mammary tumors (breast cancer) and the males developed tumors in their kidneys and liver problems. Much more on Monsanto's pseudo-science is available from the [Institute for Responsible Technology](#).

GMO crops in this country include alfalfa, canola, corn, cotton, papaya, soy, sugar beets and squash (zucchini and yellow summer squash). And it's not just GMOs anymore, Folks. Smith points out {60:00} that glyphosate is now being sprayed on non GMO crops such as barley, rice, wheat and rye immediately before harvest.

Bottom line...the mechanisms showing glyphosate/Roundup cause disease are now known and while you and I may not understand them in the detail Dr. Seneff does, we can take action to minimize their damaging effects on us. Eat NO GMOs. Eat organic. Do NOT spray your lawn and yard with Roundup or other toxic chemicals (that get on your shoes, your pets' feet, young children playing outside).

If you haven't already, I urge you to watch the film [Genetic Roulette](#) – The Gamble of Our Lives.

As always, wishing you **REAL** food, for **REAL** health so you can be **REAL** happy.

Why Organic?



In my last article I touched on how what we put on our skin affects our health. Hard for some people to believe. Today we'll look at the more accepted premise – we are what we eat. Think about it. We consume “stuff” and it becomes our bodies. Shouldn't we be aware of what is in that “stuff”? What we put in our mouth is the #1 contributor to our wellness (or lack thereof). The way we eat changes our immune system, our muscles and joints, our brain and moods. With the degradation of the food supply, our wellness is running into major trouble.

So let's take a look at pesticides. [Organophosphate](#) pesticide

poisons were developed during [Hitler's reign as chemical warfare](#). And we're using them on our crops?? There are over 180 identified pesticides used in this country that are [endocrine disruptors](#). That means they mess with our hormones (like insulin) which oversee the functioning of all the necessary activities in the body. The average American consumer is exposed to between 5 and 10 pesticides per day on the **Standard American Diet (SAD)** . Even with a well functioning liver, those toxins are going to build up. Proponents of the chemical industry say the trace amounts in our food are too small to negatively effect health (100 parts per billion). Did you know that the [NuvaRing](#), the birth control vaginal ring, contains .019 parts per billion and it prevents reproduction?! [Albuterol](#), the asthma inhaler, works at 2.1 parts per billion, quite effectively for those in distress. We're kidding ourselves if we think the pesticide residues in and on our food are inert.

Why aren't physicians advising everyone to eat organic? Because they are not being educated about the damaging, even life threatening effects of pesticides on living cells/tissues/bodies. They're treating diseases AFTER they occur. The [information is out there](#), but it has not been considered a priority in med school. Who is going to advocate for including it in the curriculum?

Consider this. Back in the 80's when I was raising my family, kids just didn't have the health problems they're having today. It was rare to see a child or adolescent with high blood sugar or blood pressure, abnormal cholesterol or triglycerides, or a waist size above 40 inches. Now, 2/3 of high school students have at least one of these markers (Dr. Alan Greene, lecture to organic farmers, 2009). During the last 30 years our food supply has experienced MAJOR compromises (pesticides, GMO's, high fructose corn syrup, additives, preservatives, colorings, and more). The way we are feeding our children is setting them up for a lifetime (often

abbreviated) of illness.

So let's talk about diabetes for a minute. Studies have confirmed a link between [diabetes prevalence](#) (and [auto-immune diseases](#)) and pesticides. Adult onset diabetes is now called [type II diabetes](#) because so many young people are getting it. A diagnosis of diabetes for a child is likely to reduce their lifespan [10-20 years](#). The cost of caring for them over their lifetime is estimated somewhere between \$300,000 and \$3 million – per child! Why then, do we continue sourcing our school lunches from conventionally grown and processed foods? Because it's cheap, "inexpensive" if you will. We can feed a lot of children for very little money. The long term price tag however, is astronomical. And the pain and sadness are priceless. Imagine what we could do if we spent more for organic food and prevented diabetes in thousands (and thousands) of young people.

OK, so pesticides are dangerous. What about the hormones they use to fatten up livestock, make more milk and get those huge chicken breasts we think are good for us? Well, there is NO evidence anywhere to show the safety of the hormones used on animals. There are studies however, that show increased cancer in people who consume conventionally raised meat. That was why [in 1989, Europe banned the import of meat raised in this country.](#)

The great thing is, there are farmers with integrity out there that understand the connection between sustainable farming and sustaining human life. Animals raised on smaller farms are roaming the grass in the sunshine and taking in life sustaining nutrients that are passed on to us when we eat them. Organic vegetable and fruit farmers do not use toxic, cancer causing pesticides, AND they add needed minerals back into the soil so plants and trees can bear produce that builds healthy human bodies. [Research](#) shows that [organically grown foods](#) contain significantly more nutrients and antioxidants

AND those nutrients are more bioavailable to your cells. Anyone who consumes organically raised food on a regular basis also knows it tastes great! I encourage you to find local sources for organically raised food. There are more and more every day as we spread the word of true healthy living.

Until next time...Wishing you **real food** for **real health** so you can be **REAL HAPPY**.

Additional recommended reading:

[Mounting Evidence Links Pesticides to Parkinson's Disease](#)

[Serum organochlorine pesticide residues and risk of gallstone disease: A case-control study in Xiamen.](#)

[Childhood brain tumors, residential insecticide exposure, and pesticide metabolism genes.](#)

[New study confirms atrazine's effects across a range of species \(including us\)](#)

[Organic Foods Contain More Nutrients!](#)

[Study links Honey Bee Deaths to Corn Insecticides](#)

The First Step to Better Health – Bacon Fat*

*from grass fed pigs...and organic evco

This post is dedicated to the incredible activist film maker Chris Bedford who introduced me to the sad and insidious world of food politics. He guided me – and thousands of others – to the possibilities for making our world sustainable. Today's blog is controversial...Chris always loved controversy.

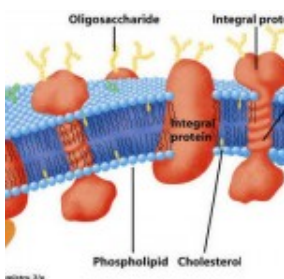


My family's favorite fat

Fats? Seriously? We're supposed to avoid them, right? They clog our arteries and make us unhealthy. Especially animal fats. NOT!

Many people ask me what the first step toward better health is – I say switch out your fat. In my studies and travels I've met a growing number of very healthy people who understand the dire importance of good fats in the diet. But I've found the majority of people who live in my beautiful corner of the world, the Lakeshore of West Michigan, don't have a clue. So I write this for them. The rest of you, nod your head and say "yup".

Our bodies need fats. And saturated fats, those dreaded rascals that the American Heart Association and American Cancer Society have been warning us against for decades, are in EVERY cell in your body. Our heart, nerves, hormones and brain need them everyday. Has the advice we've been getting all these years shown a dramatic decline in cancer and heart disease? Let's be honest...No.



Lipids and cholesterol =

healthy cell
membranes

That's because our cells are starving. Look at any anatomy book and you'll find that saturated fats and cholesterol form a key part of the outer edge (membrane) of all the cells that make up YOU.

So we have been encouraged to swap out animal fat with [vegetable oils](#) that aren't healthy at the cellular level. Our poor cell membranes don't get what they need to stay pliable and do their jobs in relation to the cells around them (cell signalling). After years of consumption of these liquid vegetable oils we end up with problems all over the body – immune system disruption, heart disease, memory issues, cancer and more. Yes, other lifestyle factors contribute to these concerns also, but why increase your risk? Dr. Mary Enig, the world renowned expert on the biochemical structure and effect of fats in the body discusses the issue at length in this interview, if you want to know more (and you REALLY should). No, you won't see this on television or in the mass media because there's no money in it. At least not for big business. But the truth is coming out, thanks to organizations like the [Price Pottenger Foundation](#) and the [Weston A Price Foundation](#) and the Internet (as long as we remain uncensored).

Well done Dr. Enig!! How sad that so many young people's eyes were damaged because the advice we were given was flat out wrong. How long is it going to take to get this truth into the mainstream?

We must be aware of the QUALITY of the fats we eat. The fats from a grassfed cow are going to be healthy and the fats from a feed-lot cow eating GMO grains grown with pesticides and then filled with antibiotics and hormones are going to be VERY different. The [organic extra virgin coconut oil](#) that our cells thrive on and that can be safely heated to high temperatures

is miles ahead of the rancid refined vegetable oil on the grocery store shelves that gets further damaged when we cook with it.

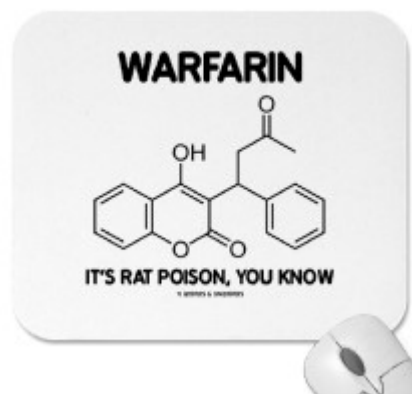
We've been sick long enough. It's time for a change. The very first step I recommend is get rid of those truly dangerous fats and start adding in the coconut oil and fats that come from critters raised outside naturally. By the way, grass fed bacon grease is one of THE most tasty ways to add flavor to your casseroles and stir-frys.

We'll talk about the superfood cod liver oil some other day.

Until next time, wishing you Real Food for Real Health so you can be Real Happy

No More Rat Killer

Today marks my one year anniversary of being off rat killer. Yes, you read it right, I consumed the same substance that is used to exterminate little varmints, for four months (after the [mishap](#)). If I knew then what I know now, I would have found alternative natural substances to thin my blood. The more we educate on the REAL truth, the more we can challenge the misinformation that is harming us when we have the best of intentions to do the right thing.



Back to the rat killer or warfarin as it's called when given to human beings. Its active ingredient has an interesting history. In 1921, cows were bleeding to death after eating rotting clover. The substance responsible was isolated and in

1948 warfarin was put on the market as a rodenticide. Three years later a young Army recruit tried to kill himself taking rat killer, was treated with Vitamin K and didn't die, so the pharmaceutical companies realized they could market this substance and probably not kill people.

However, the side effects can make you wish you were dead. It made me ache so bad I couldn't move when I woke up, gave me bizarre wave like feelings in my head and body, made it difficult to perform some cognitive functions and broke down my teeth. These are the issues I am aware of.

That's why I'm excited it has been a year since I took my last dose because this med did a number on my body. The longer I get away from it, the better I feel. I've spoken to biochemists and naturopaths on the dangers of this prescribed substance, which is the standard of care in allopathic medicine, and all they can do is apologize that I was given warfarin and had to suffer the consequences. The doctors that prescribed it had the very best of intentions and I thank them for that. However, if I ever again have an identified need to thin my blood, I will do it in a manner that doesn't break down other parts of my body.

I have since found out blood thinning can be done through diet, cod liver oil consumption and the use of herbs. I didn't know what I didn't know. That's why I want people to do their own investigating. Be open to new information. Remember that a lot of substances – drugs, food additives, pesticides – were once considered safe and then were taken off the market after they did a whole lot of damage.

Be careful.

YOU are your body's expert.

Until next time, wishing you Real Food for Real Health so you can be Real Happy