5G and Maui

Debra Greene, PhD www.KeepYourPower.org

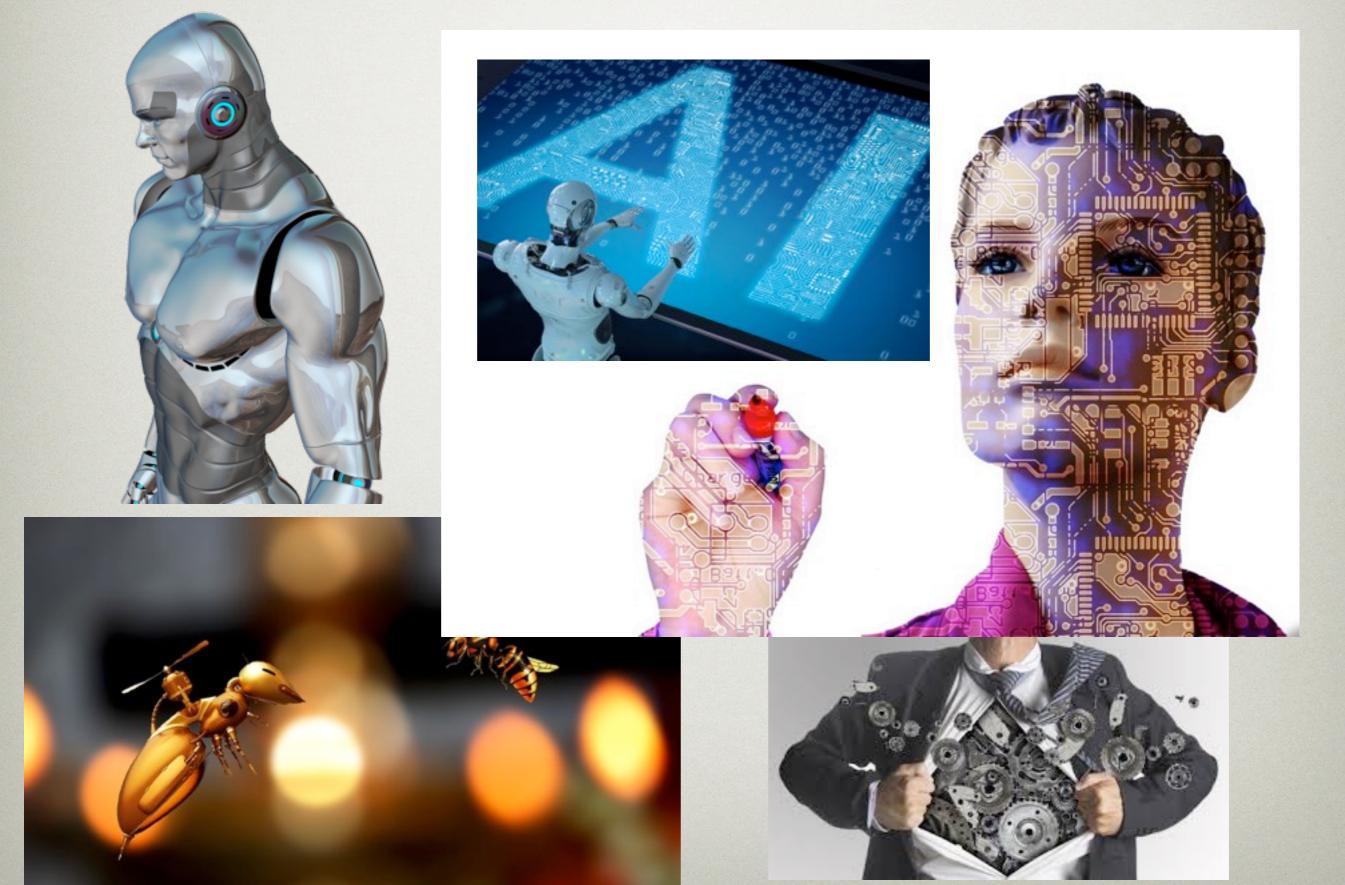
What is 5G?

5th Generation
 Wireless Infrastructure



- 3G
- 4G (LTE)

Should be called 5G/AI/IoT



What is 5G?

- Adds to Does Not Replace 4G (LTE)
- Millimeter wave frequencies 24 GHz+
- Antennas installed every 2-10 homes
- As close as 15 feet to your home
- 40,000+ new satellites low/mid orbit
- Global deployment and pushback
- 2 dozen cities in US

What is 5G?

- 5G Base Stations & Devices
 - Multiple antennas in phased arrays
 - Steerable laser-like beams track each other
- Each 5G phone = Mini cell tower
 - Dozens of tiny antennas
 - Track and aim a narrowly focused beam
 - Search and connect to nearest antenna
 - FCC rules 20 watts, 10x more powerful
 - Radiation ten to hundreds of times greater





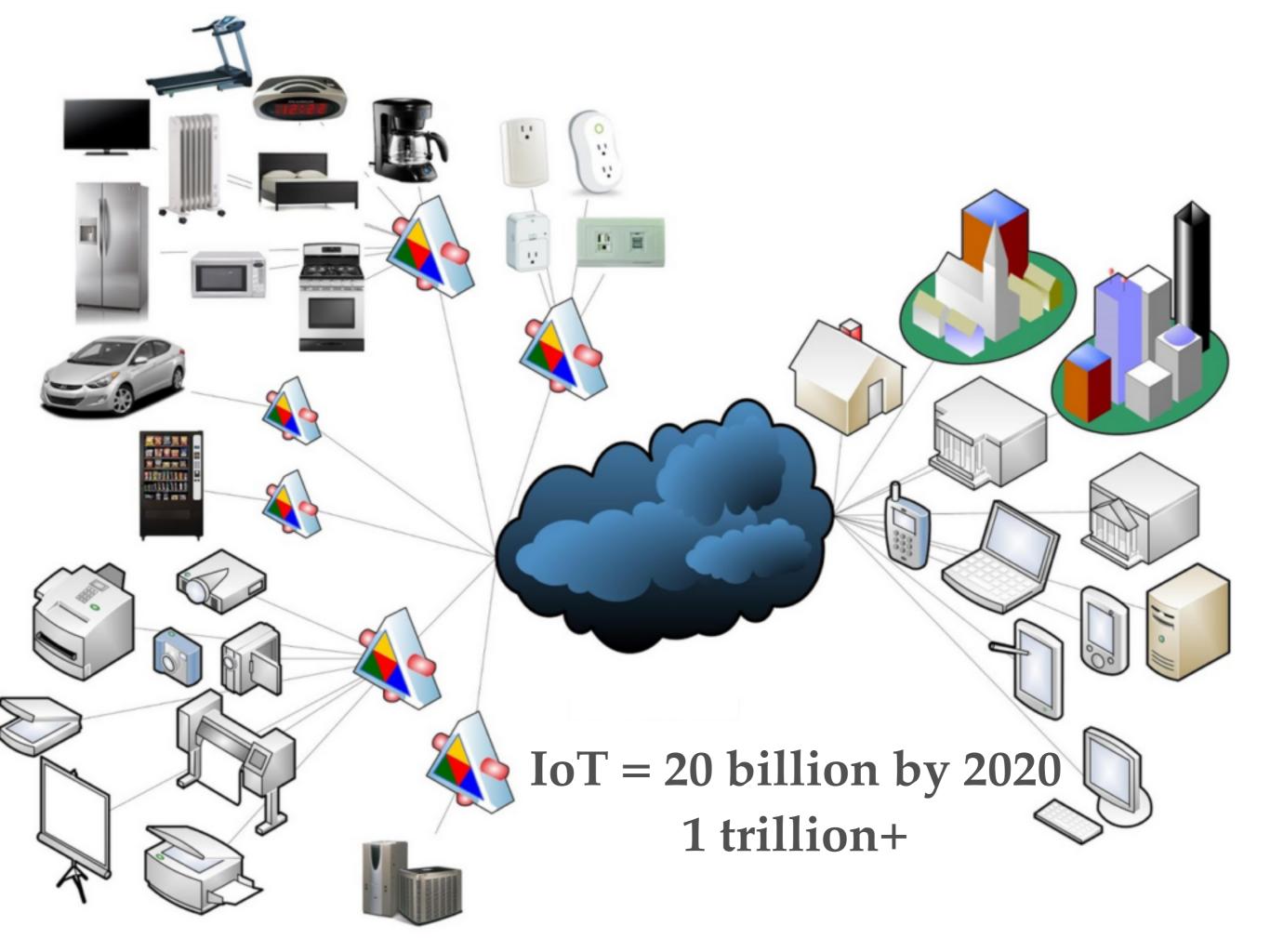
Toilets

Sexbots

Tampons

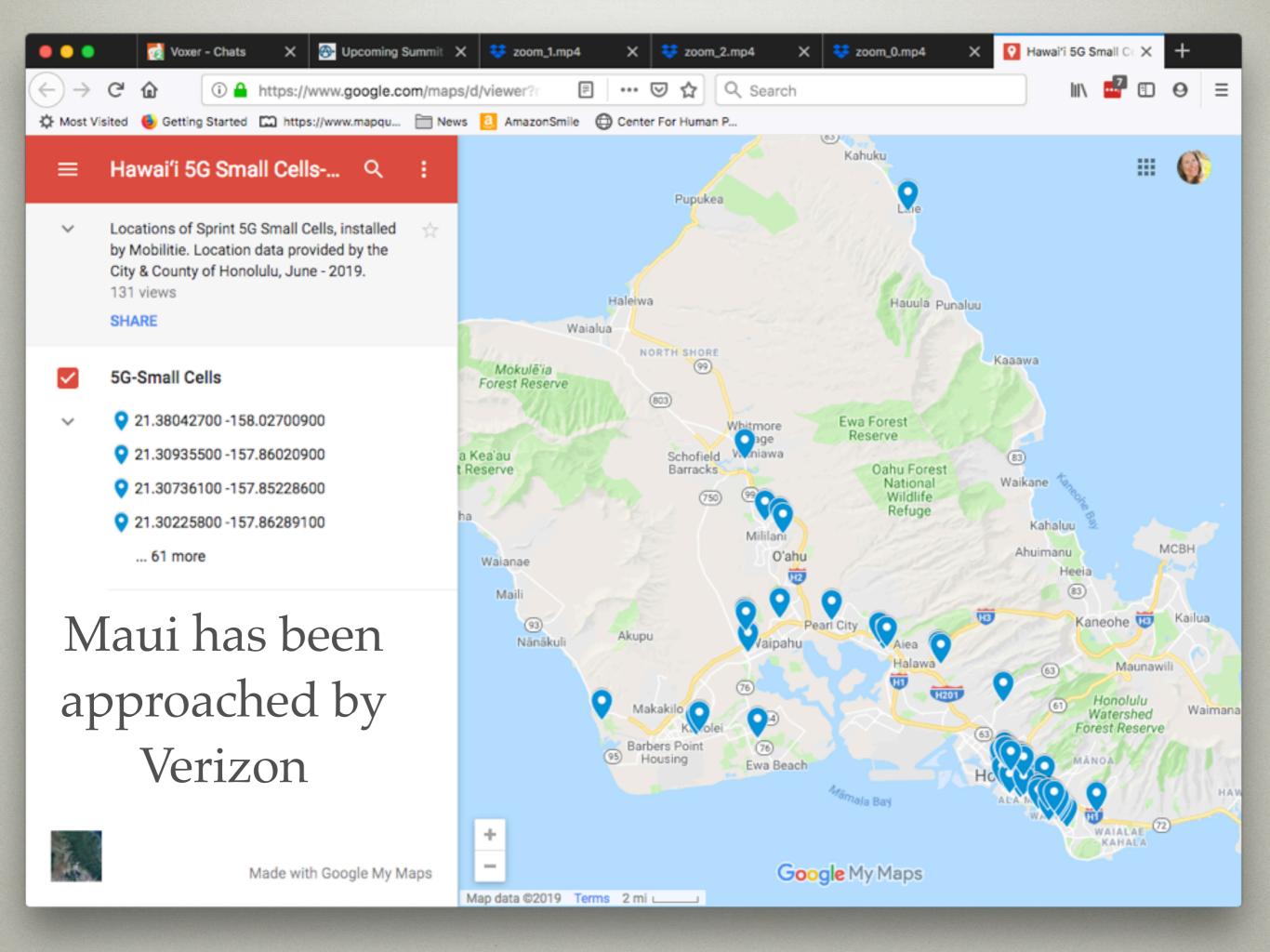
Condoms

Womb Pods





WHAT ABOUT HAWAII?



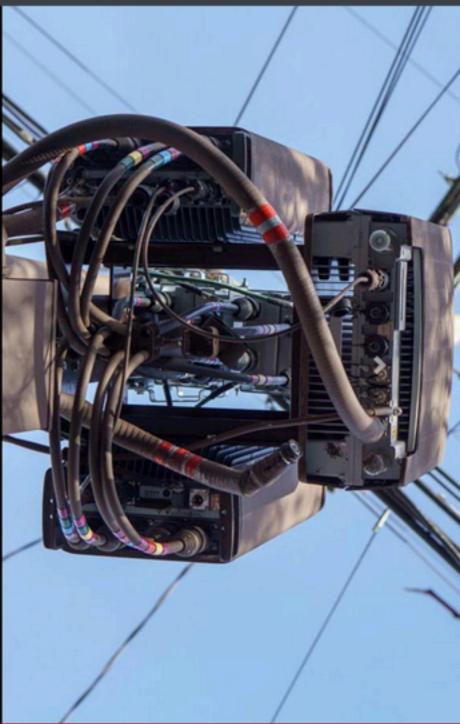




My Street, My Choice!

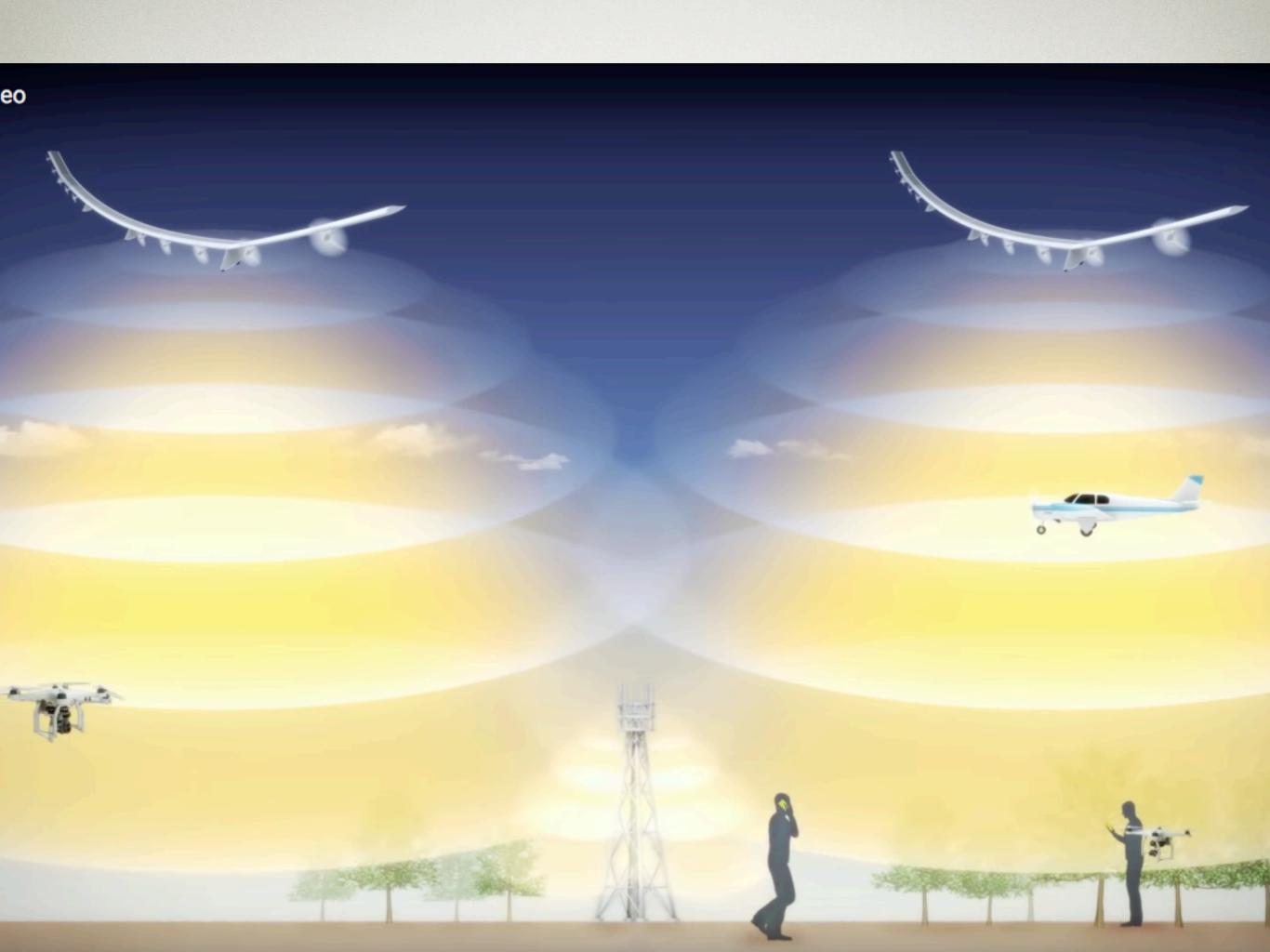


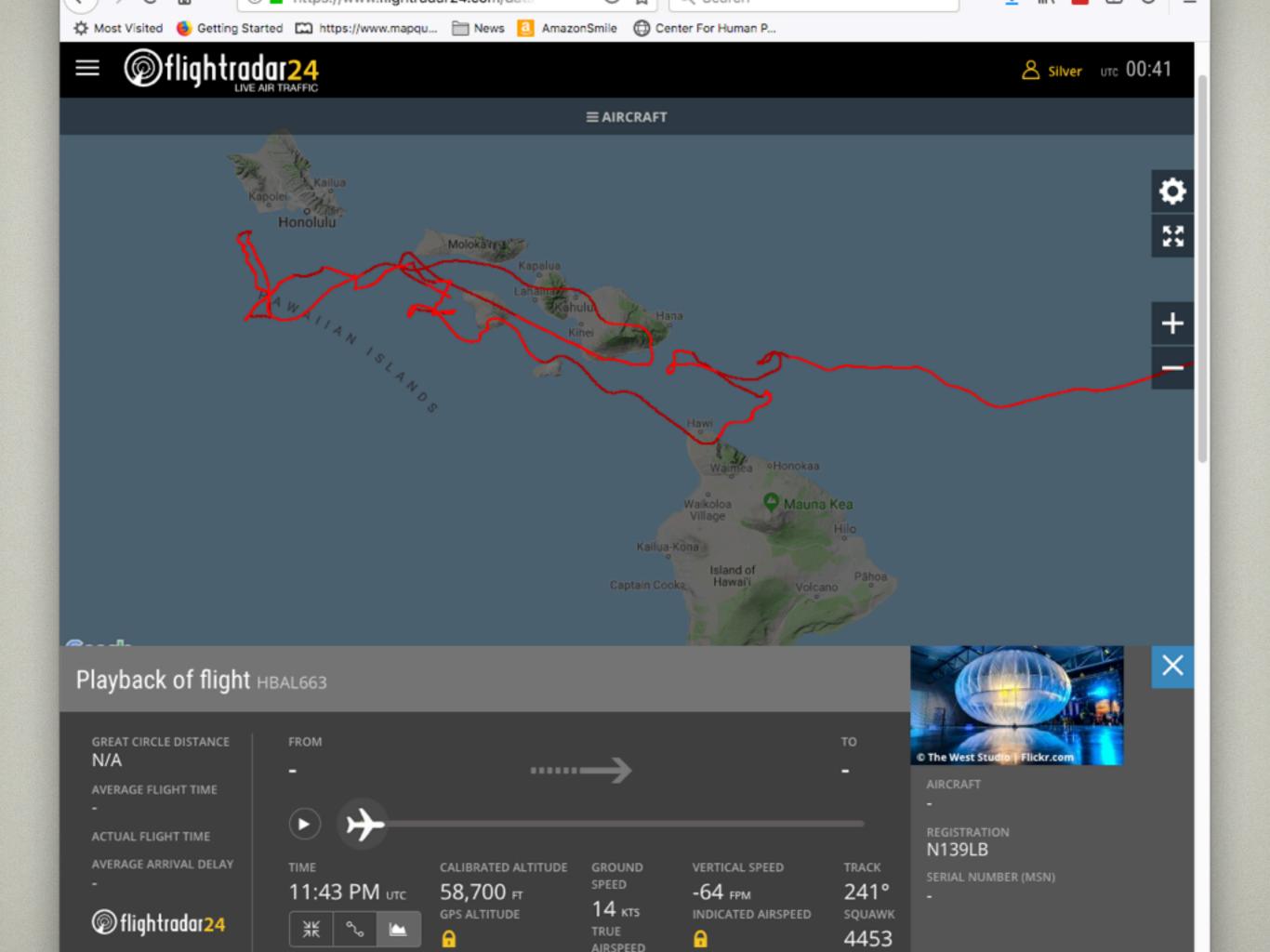












WIRELESS RADIATION MUST BE SAFE BECAUSE...



"The great expectations for DDT have been realized.

During 1946 exhaustive tests have shown that when properly used... DDT is a benefactor of all humanity."

TIME Magazine June 1947



X Ray Machines in Shoe Stores





"Give your throat a vacation...

Smoke a FIRSH cigarette

IF the eigarette you have been smoking stings or burns your throat, switch to Camels and see the difference.

It's the peppery dust left in tobacco by inefficient cleaning methods that makes you cough.

It's the unkindly hot smoke of harsh, driedout tobacco that burns and irritates your throat.

There is no peppery dust in Camels—that's whisked away by a special vacuum-cleaning process.

There are no stale, crumbly, parched tobaccos—the fine Turkish and mild Domestic tobaccos of which Camels are blended come to you in prime, factory-fresh condition, thanks to the Humidor Pack.

This scientific germ-safe wrapping-not plain ordinary Cellophane, but moisture-

proof Cellophane which costs nearly twice as much—seals in all the natural aroma and freshness, seals it so tightly that wet weather cannot make Camels damp, nor drought weather make them dry.

Camels are milder and more throat-friendly because they are dust-free and fresh.

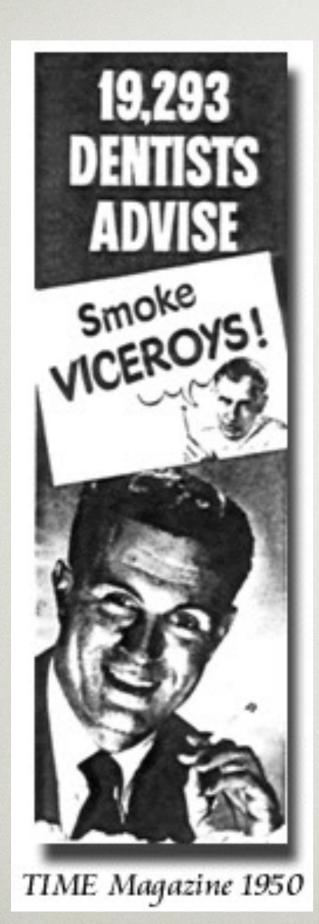
Give your throat a vacation, switch to Camels for just one day. Then leave them—if you can.

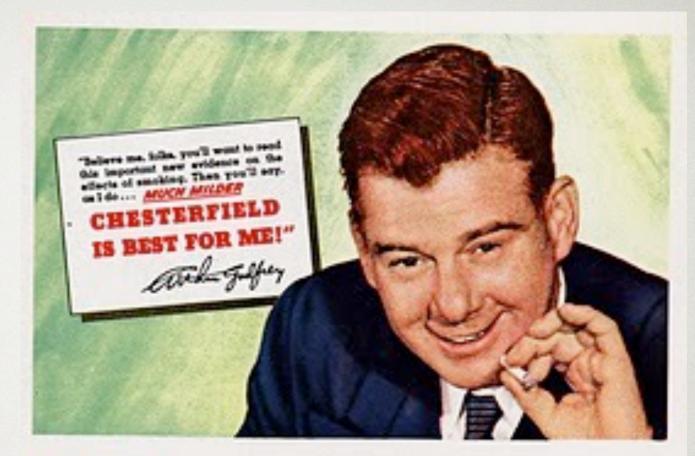
Tune in CAMEL QUARTER HOUR featuring Morton Downey and Tuny Worss — Camel Orchestra, direction Jacques Broard — Columbia System — every night except Sunday





© 1601, R. J. Beyands Tolsoon Georges





NOW...Scientific Evidence on Effects of Smoking!

A monthly examinations of a group of people from various walks of life. 45 percent of this group have smoked Chesterfield for an average of over ten years.

After ten months, the medical specialist reports that he observed...

no adverse effects on the nose, threat and sinuses of the group from smaking Chesterfield.

CHESTERFIELD
IS BEST FOR YOU

large training a few lands in



APRIL 1950

TIME LAG

- New Technology/Product
- Scientific Research
- Government Regulation

The Tobacco Playbook

- Create highly addictive, harmful product
- Hide relevant research
- Discredit opposing researchers
- Pay off researchers
- Take over the regulating agencies
- Pour on the propaganda to the public

Tobacco Opioids

PCBs

Oil

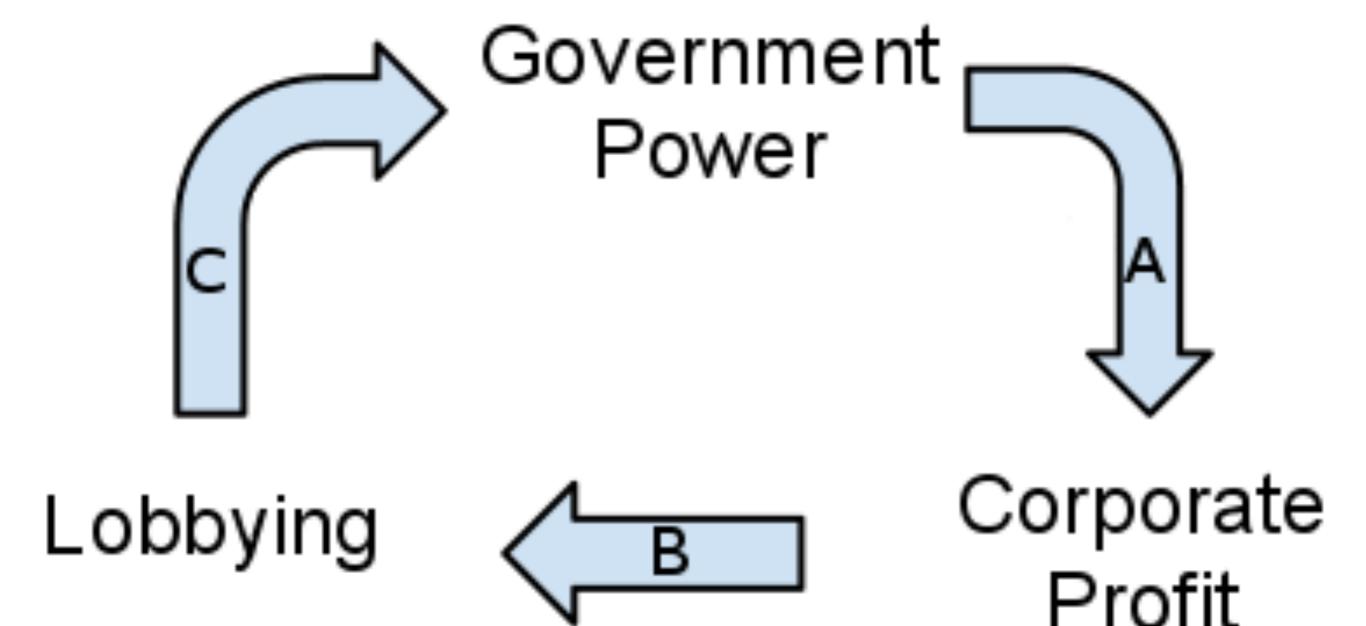
Mercury

\$ Big Profits \$

DDT

Lead

Asbestos



TELECOM INDUSTRY = \$1383 Billion

BIG DATA = \$ Untold Trillions

WHAT DOES THE RELEVANT RESEARCH SHOW?

A Research Base of Over 10,000 Peer-Reviewed Studies

Clinical evidence: Sick and injured people

Experimental evidence: DNA damage, tumors, damage to cells and organ systems in humans

Epidemiological evidence: Cancer, heart disease and diabetes

Wireless Radiation is Harmful



Wireless carriers admit: No scientific studies on safety of 5G and no plans to do any

WHY IS OUR GOVERNMENT NOT PROTECTING US?

- FCC is problematic:
 - Safety limits have not been updated since 1992
 - Based on science from the 1980s
 - US standards among the *least protective* in the world
- Telecom Act 1996 Section 704 is problematic:
 - Telecom infrastructure cannot be regulated based on environmental (health) effects

Captured Agency:

How the Federal Communications Commission Is Dominated by the Industries It Presumably Regulates

by Norm Alster



www.ethics.harvard.edu

Harvard Ethics Committee

What About Hawaii?

- Problematic Legislation:
- Gov. Ige "5G Rapid Deployment" legislation June, 2018
- Burt Lum Counties have final say in 5G
- But restricted...

Sen. Brian Schatz - Pro 5G Bills

S.1699 STREAMLINE Small Cell Deployment Act

- Takes away local authority
- Limits the amount of time to act
- Restricts ways we can act

S.1611 Developing Innovation and Growing the Internet of Things Act

- Identify what inhibits the development or deployment of the Internet of Things
- Encourage and improve what promotes IoT

Pushback

- Senator Dianne Feinstein bill to un-due FCC power grab and restore local authority
- 2 Congressmen formal letter of complaint to FCC Chair Ajit Pai
- Lawsuit against FCC for Constitutional violations

Lawsuits Against FCC: Constitutional Overreach in the Rollout of 5G

- National League of Cities (19,000 cities & towns)
- US Conference of Mayors (1,192 cities)
- National Association of Counties (3,069 counties)
- National Association of Regional Councils (500 councils & metropolitan & regional planning organizations)
- National Association of Towns and Townships (10,000 towns)
- National Association of Telecommunications Officers & Advisers (local government officials)
- Colorado Communications Utility Alliance
- League of Arizona Cities and Towns
- League of California Cities
- League of Oregon Cities
- Michigan Coalition to Protect Public Rights of Way
- Michigan Municipal League
- Michigan Townships Association
- Texas Coalition of Cities for Utility Issues
- 7 Counties
- 45 Cities



A Safe Alternative to Harmful 5G Wireless

FIBER IS OUR FRIEND! www.SafeG.net

Benefits of Fiber Optics

- Faster internet
- Equal internet access
- Higher voice quality
- More reliable
- More energy efficient
- More resilient

- Less expensive
- Safer and more secure
- More privacy
- Healthier
- More ecological
- More system integrity

THANK YOU!