CITY OF Vancouver WASHINGTON

CITY COUNCIL MEETING MINUTES

Vancouver City Hall | Council Chambers | 415 W. 6th St.
PO Box 1995 | Vancouver, WA 98668-1995
www.cityofvancouver.us

April 4, 2022

WORKSHOPS

Vancouver City Hall - Aspen Room - 415 W 6th Street, Vancouver WA

Workshops were conducted in person in the Aspen Room of City Hall. Members of the public were invited to view the meeting in person, via the live broadcast on www.cvtv.org and CVTV cable channels 23 or HD 323, or on the City's Facebook page, or www.facebook.com/VancouverUS.

View the CVTV video recording, including presentations and discussion, for workshops at:
https://www.cvtv.org/vid_link/34525?startStreamAt=0&stopStreamAt=6899

4:00-5:00 p.m. HQ Master Plan

Keith Jones, Senior Planner, 360-487-7887

Summary
Staff led Council through a discussion of the proposal and future development of the HQ Master Plan.

5:00-6:00 p.m. Comprehensive Plan Initiation and Scope Review

Rebecca Kennedy, Deputy Community Development Director, 360-487-7896

Summary
Staff led Council through a discussion of the project initiation for the update of the City's Comprehensive Plan.

COUNCIL DINNER/ADMINISTRATIVE UPDATES

REGULAR COUNCIL MEETING

This meeting was conducted as a hybrid meeting with in person and remote viewing and participation over video conference utilizing a GoToMeeting platform. Members of the public were invited to view the meeting in person, via the live broadcast on www.cvtv.org and CVTV cable channels 23 or HD 323, or on the City's Facebook page, www.facebook.com/VancouverUS. Public access and testimony on Consent Agenda items and under the Community Forum were also facilitated in person and via the GoToMeeting conference call.

View the CVTV video recording, including presentations and discussion, for this meeting at:
https://www.cvtv.org/vid_link/34589?startStreamAt=0&stopStreamAt=2493

Pledge of Allegiance

Call to Order and Roll Call

The regular meeting of the Vancouver City Council was called to order at 6:30 p.m. by Mayor McEnerny-Ogle. This meeting was conducted as a hybrid meeting, including both in person and remotely over video conference.

Present: Councilmembers Harless, Perez, Fox, Paulsen, Stober, Hansen, Mayor McEnerny-Ogle

Absent: None

Approval of Minutes

Minutes - March 7, 2022

Motion by Councilmember Stober, seconded by Councilmember Hansen, and carried unanimously to approve the meeting minutes of March 7, 2022.

Proclamation: Arbor Month Proclamation

Mayor McEnerny-Ogle read and presented a proclamation to Charles Ray, Urban Forestry Coordinator of the City of Vancouver, proclaiming April 13, 2022 as Arbor Day and the month of April Arbor Month.

Community Communication (Items 1-5)

Mayor McEnerny-Ogle opened Community Communication and received the following testimony:

- Erika Stardig, Vancouver, asked, in regards to the Lieser School Redevelopment, whether there would be more safety measures for the children to travel to the park safely, as well as be safe at the park.
- Kimberlee Elbon, La Center, Washington, began to read from the United Nations Agenda 2030 book and was reminded that testimony at this time was strictly for the Consent agenda and not for Community Forum.

There being no further testimony, Mayor McEnerny-Ogle closed Community Communication.

Consent Agenda (Items 1-5)

Council requested Item 2 be pulled for discussion.

Councilmember Perez asked for clarification on Item 2 regarding the total price for the entire purchase and whether there was any military equipment incorporated with the purchase. Assistant Chief of Police, Jeff Mori, explained there would be no military equipment with the purchase. Mr. Mori stated that the previous year the Police Department asked Council for the approval of the budget to purchase ammunition and the amount left over this year is roughly $90,000. Due to the rise of inflation, the price of ammunition has increased, which resulted in the need for the Police Department to request a larger ammunition purchase budget this year. Mr. Mori stated the budget would need to increase to $478,000.

Councilmember Perez asked if the purchase would include non-lethal ammunition. Mr. Mori said that it would include the non-lethal ammunition and would have included non-lethal training ammunition had the previously approved contract had a higher dollar amount for purchasing.

Motion by Councilmember Hansen, seconded by Councilmember Stober, and carried unanimously to approve the Consent Agenda.

1. Award construction contract for the 2022 West Curb Ramps project (#072822)

Staff Report: 041-22

The City is issuing two separate curb ramp contracts this year as part of its 2022 pavement management program. These contracts include the "2022 West Curb Ramps," the "2022 Central Ramps" and the "2022 East Curb Ramps." The purpose of splitting the work into three contracts is to reduce each contract to a manageable size, which helps expedite ramp construction. From a construction sequencing standpoint, it is far more efficient to construct the new curb ramps in advance of the on-street pavement management resurfacing work.

This staff report and recommended action is to award the 2022 West Curb Ramps contract only. Recommendations for the two other curb ramp projects have already been made.

On March 15, 2022, the City received 4 bids for the subject project. The bids ranged between $707,000.00 to $760,285.00 dollars. The low bidder was responsive. The bids are as follows:

SUMMARY OF BIDS	
BIDDER	***AMOUNT***
Advanced Excavating Specialists (AES), LLC, Kelso, WA	*$707,000.00*
Genguild Constructors, LLC, Battle Ground, WA	*$745,000.00*
Clark and Sons Excavating, Inc., Battle Ground, WA	*$754,517.00*
MJ Hughes Construction, Vancouver, WA	*$760,285.00*
Engineers' Estimate	*$790,000.00*

There is a minimum apprenticeship goal of 3% of the utilized labor hours for this project. Advanced Excavating Specialists, LLC of Kelso, Washington, has submitted an Apprenticeship Utilization Plan to meet or exceed this goal by using approximately 120 hours of apprentice time of the estimated total of 2,790 applicable labor hours for the project.

Request: On April 4, 2022, award a construction contract for the 2022 West Curb Ramps project to the lowest responsive and responsible bidder, and authorize the City Manager or his designee to sign a contract with Advanced Excavating Specialists (AES), LLC from Kelso, Washington, at their bid price of $707,000.00, which includes Washington State sales tax.

Chris Sneider, Senior Civil Engineer, 360-487-8239

Motion approved the request.

2. **Ammunition Purchase for Vancouver Police Department**

Staff Report: 042-22

The City purchases ammunition through San Diego Police Equipment under Washington State Contract #02616. Purchases are expected to exceed the current $300,000 threshold, requiring Council approval. Last year Council reviewed and approved Staff Report 030-21 and raised the threshold to $700,000. The remaining capacity on the contract will be fully expended by the end of March 2022.

Raising the this threshold to add a maximum of $478,121 for the next additional two years, ending December 31, 2023, will enable Vancouver Police Department to continue to purchase ammunition in a quick manner while taking advantage of the Washington State Contract's competitive pricing.

Request: Authorize the City Manager or his designee to continue to purchase ammunition from San Diego Police Equipment of San Diego, CA, under Washington State Contract #02616, up to a maximum of $478,121 through December 31, 2023.

James McElvain, Vancouver Police Chief, 360-487-7473

Motion approved the request.

3. ## Interlocal Agreement: COV-VHA Joint Outreach Lieser School Redevelopment

Staff Report: 043-22

The Vancouver Housing Authority purchased the former Lieser School site, located at 301 S Lieser Road, after receiving a state grant to co-locate early childcare providers with affordable housing. The Lieser School Redevelopment Project is a collaboration between the VHA, EOCF and the City of Vancouver to include the following elements:

- *Affordable housing (VHA)*
- *Early childhood learning center (EOCF)*
- *Relocation of Fire Station #3 (City of Vancouver)*
- *Update Lieser School Park (City of Vancouver)*

The Lieser site has sufficient overall size to accommodate the VHA land needs for the affordable housing and the early childhood development facility, preservation of a park equivalent to the current park on site, and a Fire Station. On February 8, 2022, voters approved Proposition No. 2, which, among other things, provided funding for the replacement and relocation of two fire stations, Fire Station 6 and 3. The location of the Lieser parcel is consistent with the Fire service location specifications for Station 3, and the City has been working with VHA to explore viability of the location for this this purpose in the context of a master plan for the site with an intent to ultimately purchase the property. The Lieser Park already includes a playground and a walking path, but is not currently a formal City-

owned park. As part of this project, the park is anticipated to be transferred to City ownership and future improvements will be identified in coordination with the community, allowing for the addition of a permanent, high quality recreation opportunity for area residents.

The VHA contracted with Salazar Architect Inc. to complete the design on the affordable housing units, as well as community engagement for the entire project. Community engagement will assist in developing portions of the affordable housing design, site plan and City of Vancouver planning efforts, including the development of a fire station and a park. Community Engagement activities will include at a minimum:

- *Outreach to neighborhood associations*
- *Focused outreach to historically marginalized communities*
- *Creation of maps, diagrams and other materials for engagement activities*
- *Open house(s)*
- *Popup events*
- *Surveys and focus groups*

Salazar Architect Inc. created a community engagement scope of work and fee proposal totaling $83,020. The City and VHA agree that a proportionate allocation of the cost of community engagement services would be a 50/50 split. Therefore, upon completion of the community engagement activities (scheduled for June 2022), the City would reimburse the VHA for one half (50%) of the total costs associated with community engagement activities, not to exceed $50,000, as stated in the attached Interlocal Agreement. This not-to-exceed amount will assure flexibility to the partnership in support of community engagement needed for the project.

Request: Staff recommend that the Council approve the Interlocal Agreement between City of Vancouver and Vancouver Housing Authority for Community Engagement Services and authorize the City Manager to sign the Interlocal Agreement and any related documents necessary to implement the scope of work for community engagement activities for the Lieser School Redevelopment Project.

Rebecca Kennedy, Deputy Community Development Director, 360-487-7896

Motion approved the request.

4. **Memorandum of Understanding With Washington Municipalities RE Opioid Litigation**

Staff Report: 044-22

Since 2015, local governments around the Country have been united in

efforts seeking to hold the manufacturers, distributors, and pharmacies of opioids responsible for the harms caused to their residents. The City of Vancouver joined this fight in 2019, filing suit against a number of manufacturers, distributors and pharmacies. That lawsuit was then transferred to the Northern District of Ohio as part of a nationwide multi-district litigation. The lawsuit has been pending there ever since.

The City is hopeful that in the coming months, some of these defendants will begin to enter settlement negotiations that will enable state and local governments to recover sums and utilize those amounts to abate the harms caused by opioids. The City's outside counsel has prepared a Memorandum of Understanding for all local jurisdictions to join, which will establish a baseline and default allocation system. The defendants have requested this type of allocation agreement to help spur settlement negotiations.

Under the proposed MOU, the City of Vancouver would ultimately recover roughly 1.73% of moneys allocated to local governments in the State of Washington, as outlined in Exhibit B to the MOU. For example, if a settlement with all defendants yielded a distribution of $173 million to Washington's local governments, the City of Vancouver would be entitled to roughly $3 million, all to be used for opioid abatement purposes as outlined in Exhibit A to the MOU.

The MOU does not specify an exact sum for which the City of Vancouver would accept as settlement, but rather established a default allocation structure to facilitate resolution and avoid unnecessary litigation with other Washington and SW Washington jurisdictions.

Request: Authorize the City Manager, City Attorney, and/or designee to execute and approve the "One Memorandum of Understanding Between Washington Municipalities"

Dan Lloyd, Assistant City Attorney, 360-487-8500

Motion approved the request.

5. **Approval of Claim Vouchers**

Request: Approve claim vouchers for April 4, 2022.

Motion approved claim vouchers in the amount of $8,560,225.77.

Public Hearings (Items 6)

6. **Extending the 2021-2022 refund process for business license surcharge fees for eligible businesses for 4/1/2022 – 12/31/2022**

Staff Report 036-22

AN ORDINANCE regarding the Business License Fee Surcharge (VMC 5.04.095) program; providing for refunds of the business license fee surcharge for new business license applications and annual license renewals for eligible businesses; providing for implementation of such refund program; defining eligibility criteria; providing for an immediate effective date; and providing for a sunset date on December 31, 2022.

The City generates approximately $5.5 million annually from the business license fee and surcharge program. The revenue is dedicated to funding existing police officer positions and finding the increase level of street pavement management program. Pandemic-related restrictions on business activity in certain industries has continued over the past year and will likely continue for a number of months with adverse impacts to business viability in those industries.

The City desires to financially support businesses that have traditionally served large numbers of consumers indoors, simultaneously. These businesses are among those most severely impacted by the pandemic, are likely to remain subject to some of the longest restrictions, and are particularly well-situated to utilize the business license surcharge savings to support increased consumer safety.

If passed, effective 4/1/2022, all businesses will be required to continue registration and payment of City business license fees through Washington State Department of Licensing.

From 4/1/2022, through 12/31/2022, businesses in several eligible categories will receive a refund from the City for 2022 fees and surcharges already paid. Eligible businesses will be required to complete a COV BLS Refund application form to receive the refund. The State of Washington's application processing system has limited flexibility and cannot accommodate significant deviations from the current program. Refund applications will, therefore, be processed manually by the City of Vancouver Business License division in the Finance department.

The eligibility for this program targets businesses that have traditionally served large numbers of consumers indoors, simultaneously. Specifically:

- *Restaurants, Taverns, Breweries, Wineries and Distilleries;*
- *Fitness and Training Facilities;*
- *Movie Theatres, Theaters & Performing Arts; and*
- *Bowling Facilities.*

These businesses are among those most severely impacted by the

pandemic, are likely to remain subject to some of the longest restrictions and are particularly well-situated to utilize BLS savings to support increased consumer safety.

Request: On Monday, April 4, 2022, subject to second reading and public hearing, approve the ordinance.

Natasha Ramras, Chief Financial Officer, 360-487-8484; Patrick Quinton, Economic Development Director, 360-487-7845

Mayor McEnerny-Ogle read the title of the ordinance into the record.

Natasha Ramras, Chief Financial Officer, provided an overview of the extension for the 2021-2022 refund process for business license surcharge fees for eligible businesses for 4/1/2022 – 12/31/2022.

Mayor McEnerny-Ogle opened the public hearing and received the following testimony:

- Kimberlee Elbon, La Center, Washington, questioned the eligibility for the surcharge of the new business licenses and then began to read from their book, they were reminded that this testimony would need to reflect the topic, and because it was not, the testimony was stopped.

There being no further testimony, Mayor McEnerny-Ogle closed the public hearing.

Councilmember Harless asked what type of outreach was done to inform the public. Natasha Ramras, Chief Financial Officer, explained that it was direct outreach to all the eligible businesses in the categories covered by the refund program. The largest amount of requests came from the restaurants, which made up 103 out of the 110 requests.

Councilmember Harless asked if the refund program was equitable and accessible for all the business owners included within the program and stated she was aware there is not a lot of data on the businesses, but would like to see the information when the City has it available. Ms. Ramras added that the Communications Department put together a proposal of an extended outreach for a diverse group of businesses, including materials in different languages.

Councilmember Perez asked the percentage of the businesses within the 4th Plain corridor that have applied or received a refund. Ms. Ramras explained that the City does have the data, but it was not with her at the Council meeting, and she will make sure to provide that information to the City Council.

Motion by Councilmember Stober, seconded by Councilmember Hansen, and carried unanimously to approve Ordinance M-4367.

Communications

A. From the Council

B. From the Mayor

C. From the City Manager

Fossil Fuel Regulations

Chad Eiken, Director of Community Development, provided an update to the Council on the status of potential zoning code standards being drafted to replace an existing temporary moratorium on large scale fossil fuel facilities.

Adjournment

7:11 p.m.

DocuSigned by:
Anne McEnerny-Ogle
6C89D9089EC5424...
Anne McEnerny-Ogle, Mayor

Attest:

DocuSigned by:
Natasha Ramras
BCF6734E40E94AE...
Natasha Ramras, City Clerk

Meetings of the Vancouver City Council are electronically recorded on audio and videotapes. The audio tapes are kept on file in the office of the City Clerk for a period of six years.

From: City of Vancouver - Office of the City Manager
To: Dollar, Sarah
Subject: FW: 4/4/22 HQ Workshop testimony
Date: Monday, April 4, 2022 8:36:15 AM

Please see the written comments for tonight's council meeting below.

City Manager's Office
CITY OF VANCOUVER
P.O. Box 1995 • Vancouver, WA 98668-1995
P: 360.487.8600 | F: 360.487.8625
www.cityofvancouver.us

LEARN ABOUT VANCOUVER'S COVID-19 RESPONSE HERE

-----Original Message-----
From: jaynee Haygood <jayneehaygood@me.com>
Sent: Sunday, April 3, 2022 9:11 PM
To: City of Vancouver - Office of the City Manager <CMO@cityofvancouver.us>
Subject: 4/4/22 HQ Workshop testimony

Hi,

Here is my written testimony for the 4/4/22 HQ Workshop:

Thank you councilors for once again allowing me the opportunity to speak on behalf of the upcoming HQ Development. I appreciate the hard work and cooperation provided from all parties with regards to this property.

Upon review of the most recent documents I have a few questions I hope will be answered/clarified:

1st). The most recent plans continue to show a gondola through the center of the residential apartments. Throughout the process I have asked for further clarification as to the design of the gondola and have been met with comments of it being a "possibility" and "potential gondola", but without any additional details. I am hoping you can obtain further confirmed details about the height and size of the gondola. Will it be stopping at the top and the bottom? Will the riders be able to view into the yards/homes in the Hiddenbrook Terrace/Fisher's Creek Neighborhood Association? These are important features that have the potential to greatly impact our neighborhood.

2nd). As I stated during my testimony with the Planning Commission, the current plans do not follow the guidelines provided in the subarea plan with regards to a balanced diversity of housing options. Not only did the number of residential units more than triple to over 1900 units, but there is no diversity in housing options (townhomes, single family, apartments)—currently 1898 apartments and 12 single family homes. This divergence from the subarea plan goes against its desired goals/objectives as well as creates numerous issues related to the inability of providing access for children living there to attend their local schools, as well as increased congestion/traffic concerns.

3rd). This increase in residential density has also meant that the original green/open spaces that were shown in the subarea plan have now been replaced with parking lots. This also goes against the desired subarea plan design goals

with regards to having green/open space be a key feature of the development. The contrast from the original subarea plan to the current plan is a stark and drastic change from green (open space) to grey (parking lots). While I greatly appreciate the developers sustainability efforts with this development, I fear a major urban heat island effect will be created by this development as it is being built in a rock hole/quarry that is composed of mainly cement/asphalt, as well as potential drainage/flooding concerns. It is my hope that additional green/open space will be made a priority.

Once again, I want to thank you for the opportunity to speak with you.

Sincerely,

Jaynee Haygood

From: Delapena, Amanda
To: Dollar, Sarah
Subject: FW: HQ Development Workshop Comment
Date: Monday, April 4, 2022 12:03:35 PM

Sarah,

Below is a written comment regarding this afternoon's workshop to be shared with City Council in advance.

Thank you,

Amanda Delapena

LEARN ABOUT VANCOUVER'S COVID-19 RESPONSE HERE

From: Michael Burton <michaeldburton14@gmail.com>
Sent: Monday, April 4, 2022 12:03 PM
To: City Council <council@cityofvancouver.us>
Subject: HQ Development Workshop Comment

Evergreen Public Schools submitted a letter to the city regarding the negative impacts from this proposed development:
(https://www.cityofvancouver.us/sites/default/files/fileattachments/planning_commission/page/80811/04_letter_evergreen_schools.pdf)
I did not see this letter in the attachments for this meeting/workshop, but I think it is relevant.

Thank you,
Michael

National Vaccine Information Center
Your Health. Your Family. Your Choice.

Search Results

From the 1/21/2022 release of VAERS data:

Found 1,071,856 cases where Vaccine is COVID19

Government Disclaimer on use of this data

Table

Event Outcome	Count	Percent
Death	22,607	2.11%
Permanent Disability	40,069	3.74%
Office Visit	166,737	15.56%
Emergency Room	99	0.01%
Emergency Doctor/Room	115,237	10.75%
Hospitalized	121,276	11.31%
Hospitalized, Prolonged	321	0.03%
Recovered	307,909	28.73%
Birth Defect	870	0.08%
Life Threatening	25,776	2.4%
Not Serious	471,502	43.99%
TOTAL	† 1,272,403	† 118.71%

† Because some cases have multiple vaccinations and symptoms, a single case can account for multiple entries in this table. This is the reason why the Total Count is greater than 1071856 (the number of cases found), and the Total Percentage is greater than 100.

Every Friday, VAERS publishes vaccine injury reports received as of a specified date. Reports submitted to VAERS require further investigation before a causal relationship can be confirmed. Historically, VAERS has been shown to report only 1% of actual vaccine adverse events.

U.S. VAERS data from Dec. 14, 2020, to Jan. 21, 2022, for 5- to 11-year-olds show:

- 7,052 adverse events, including 152 rated as serious and 3 reported deaths.

  The most recent death involves a 7-year-old girl (VAERS I.D. 1975356) from Minnesota who died 11 days after receiving her first dose of Pfizer's COVID vaccine when she was found unresponsive by her mother. An autopsy is pending.

- 14 reports of myocarditis and pericarditis (heart inflammation).
- 24 reports of blood clotting disorders.

U.S. VAERS data from Dec. 14, 2020, to Jan. 21, 2022, for 12- to 17-year-olds show:

- 27,772 adverse events, including 1,588 rated as serious and 37 reported deaths.

  The most recent deaths involve a 13-year-old male (VAERS I.D. 2042005) from an unidentified state who died from a sudden heart attack seven months after receiving his second dose of Moderna, and a 17-year-old female from an unidentified state (VAERS I.D. 2039111) who died after receiving her first dose of Moderna. Medical information was limited and it is unknown if an autopsy was performed in either case.

- 68 reports of anaphylaxis among 12- to 17-year-olds where the reaction was life-threatening, required treatment or resulted in death — with 96% of cases attributed to Pfizer's vaccine.
- 609 reports of myocarditis and pericarditis with 597 cases attributed to Pfizer's vaccine.
- 154 reports of blood clotting disorders, with all cases attributed to Pfizer.

U.S. VAERS data from Dec. 14, 2020, to Jan. 21, 2022, for all age groups combined, show:

- 21% of deaths were related to cardiac disorders.
- 54% of those who died were male, 41% were female and the remaining death reports did not include the gender of the deceased.
- The average age of death was 72.7.
- As of Jan. 21, 4,925 pregnant women reported adverse events related to COVID vaccines, including 1,575 reports of miscarriage or premature birth.
- Of the 3,474 cases of Bell's Palsy reported, 51% were attributed to Pfizer vaccinations, 41% to Moderna and 8% to J&J.
- 850 reports of Guillain-Barré syndrome (GBS), with 41% of cases attributed to Pfizer, 30% to Moderna and 28% to J&J.
- 2,281 reports of anaphylaxis where the reaction was life-threatening, required treatment or resulted in death.
- 12,704 reports of blood clotting disorders in the U.S. Of those, 5,646 reports were attributed to Pfizer, 4,521 reports to Moderna and 2,490 reports to J&J.
- 1,542 reports of myocardial infarction.
- 3,817 cases of myocarditis and pericarditis with 2,348 cases attributed to Pfizer, 1,293 cases to Moderna and 164 cases to J&J's COVID vaccine.

Unvaccinated man denied heart transplant by Boston hospital

DJ Ferguson, 31, was removed from the top of a heart transplant at Boston's Brigham and Women's Hospital because he was not vaccinated against COVID.

Ferguson on Tuesday received a mechanical heart pump — called a left ventricular assist device — that should keep him alive for up to five years, but he won't have much of a life, his father said.

According to ABC News, Ferguson, a father of two children with another baby on the way, didn't want the vaccine because he feared it would complicate his heart condition. He also said getting vaccinated would go against his basic principles.

"The organs are scarce, we are not going to distribute them to someone who has a poor chance of living when others who are vaccinated have a better chance post-surgery of surviving," Dr. Arthur Caplan, who runs Medical Ethics at NYU Grossman School of Medicine told MassLive.

Despite the open-heart surgery, Ferguson still needs a transplant due to his rapid deterioration, Ferguson's parents told "Tucker Carlson Tonight" on Wednesday.

COVID vaccine regime for children under age 4 will include 3 doses, Fauci says

White House chief medical advisor Dr. Anthony Fauci on Wednesday said the COVID vaccine regime for kids younger than 4 years old will likely include three doses when it's authorized because two shots did not induce an adequate immune response in 2- to 4-year-olds in Pfizer's clinical trials.

"Dose and regimen for children 6 months to 24 months worked well, but it turned out the other group from 24 months to 4 years did not yet reach the level of non-inferiority, so the studies are continued," Fauci said, referencing effectiveness standard comparison to adults.

Fauci said he hopes the U.S. Food and Drug Administration will authorize the Pfizer and BioNTech COVID vaccine for children under 5 years old next month, although he can't say for sure when the agency will render its decision.

Sweden decides against COVID vaccines for children 5 to 11

Sweden won't recommend COVID vaccines for kids under 12 years old because the benefits did not outweigh the risks, but will "constantly" reassess the situation, Reuters reported.

The Public Health Agency of Sweden said in a press release on Thursday the medical benefit for a child aged 5-11 who has received a vaccine against COVID "is currently small."

Britta Bjorkholm, a Sweden health official, said during a news conference, "With the knowledge we have today, with a low risk for serious disease for kids, we don't see any clear benefit with vaccinating them."

Karin Tegmark Wisell, director-general of the Public Health Agency of Sweden, said updated guidance would be provided prior to the fall term.

COVID vaccines causing miscarriages, cancer, neurological disorders among Military

In a hearing organized this week by Sen. Ron Johnson (R-Wis.), attorney Thomas Renz told a panel of experts data provided to him by three whistleblowers show COVID vaccines are causing catastrophic harm to members of the U.S. military while not preventing them from getting the virus.

Renz summarized data obtained from the Defense Medical Epidemiology Database — the military's longstanding epidemiological database of service members.

The data show miscarriages and cancer increased 300% in 2021 over the previous five-year average. Neurological disorders increased 1000% in 2021 over the past five-year average, increasing from 82,000 to 863,000 in one year.

"Our soldiers are being experimented on, injured and sometimes possibly killed," Renz said.

Following Renz's presentation, attorney Leigh Dundas reported evidence of the DOD doctoring data in DMED to conceal cases of myocarditis in service members vaccinated for COVID.

OSHA withdraws COVID vaccine mandate

The U.S. Department of Labor this week announced it is withdrawing the Biden administration's COVID vaccine-or-test mandate for large employers.

Robert F. Kennedy Jr
@RobertKennedyJr

Huge news!

childrenshealthdefense.org
OSHA Withdraws Workplace Vaccine Mandate After Facing Lethal Blow ...
The Biden administration withdrew its COVID vaccine-or-test mandate for large employers, saying the administration recognized the Emergency ...

11:23 AM · Jan 26, 2022

4.6K Reply Share

Read 222 replies

In pulling the rule, the department said it recognized the Emergency Temporary Standard could not be revived after the U.S. Supreme Court blocked it earlier this month and will plan instead to set a permanent standard for the vaccine mandate, according to a notice provided to the court by the Occupational Safety and Health Administration (OSHA).

The Labor Department's decision to withdraw the rule means pending legal proceedings in the 6th Circuit will be dropped.

OSHA could move a version of the vaccine-or-test rule through its rule-making process, but would still likely face legal challenges.

Children's Health Defense asks anyone who has experienced an adverse reaction, to any vaccine, to file a report following these three steps.

MERCOLA
Take Control of Your Health

OSHA Changes Rule to Cover Up Vaccine Injuries

Analysis by Dr. Joseph Mercola ✔ Fact Checked

STORY AT-A-GLANCE

- The U.S. Occupational Safety and Health Administration (OSHA) has amended its injury recording rule in a way that will hide the true extent of the damage that the COVID jab mandate will have on the American workforce
- According to OSHA rules, employers must record and report work-related illnesses, injuries and fatalities. This recording requirement initially also applied to adverse reactions suffered by employees who had to get the COVID shot as a requirement for employment. This rule was changed in late May 2021
- OSHA will not enforce the recording requirement if the injury or fatality involves the COVID jab, even if required for employment. The nonenforcement will remain through May 2022. With this change, OSHA is covering up vaccine injuries — and hindering workers from seeking workers' compensation
- Meanwhile, federal employees required to get the COVID jab will be eligible for compensation for injuries through the Federal Employee's Compensation Act (FECA)
- Having large numbers of injury reports can raise a company's insurance costs. However, if OSHA is going to require all employers with 100 or more employees to implement vaccine mandates, then companies will be in the same boat and none will be at a particular disadvantage, so OSHA really needs to change its recordability guidance back

As reported by Kim Iversen above, around the world people are gathering for massive protests against COVID shot mandates. In mid-September 2021, Italy became the first

Vaccine Safety Project – 6 Steps Overview

The long-term health effects of our vaccine program are inadequately studied and our regulatory bodies are conflicted. Childhood health epidemics have mushroomed along with the childhood vaccine schedule. Vaccines contain many ingredients, some of which are known to be neurotoxic, carcinogenic and cause autoimmunity. Vaccines injuries can and do happen. The National Vaccine Injury Compensation Program of Health and Human Services (HHS) has awarded almost $4 billion for vaccine injuries since 1988.

To access this content, become a lifetime member for only $10. Your support is critically important to Children's Health Defense's justice initiatives and gives you access to our members-only content like Robert F. Kennedy's latest video, The Vaccine Safety Project which dissects vaccine policy concerns one-by-one. You'll also get access to a 60+ slide powerpoint presentation that outlines fraud and manipulation of vaccine safety data. If you are already a member, please login (right column on desktop or below in mobile).

If you don't know your password, select "Forgot Password?"

Sign up for free news and updates from Robert F. Kennedy, Jr. and the Children's Health Defense. CHD is implementing many strategies, including legal, in an effort to defend the health of our children and obtain justice for those already injured. Your support is essential to CHD's successful mission.

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www.supremecourt.gov/opinions/12pdf/12-398_1b7d.pdf

The Vaccinated Can Be Patented (Owned)

In a court case in 2013 Pathology v Myriad Genetics, inc, in the United States the Supreme Court ruled that you cannot patent human DNA as it was "a product of nature". But at the end of the ruling the Supreme Court did rule that if you were to change a humans genome by mRNA vaccines (which are being used currently) then the genome can be patented.

This means that everyone who has had the vaccine is now technically 'patented' and something that is patented is 'owned' and will come under the definition of 'trans human'.

Those people that are legally identified as 'trans human' do not have access to Human Rights or any rights provided by the State. This is because they are not classed as 100% organic or human.

Therefore, technically anyone having this vaccine could no longer have any access to human rights. There have been a few legal papers discussing this recently, so clarification should be available on this soon.

https://www.supremecourt.gov/opinions/12pdf/12-398_1b7d.pdf

01/28/22 • COVID › NEWS

Nearly 35,000 Reports of COVID Vaccine Injuries Among 5- to 17-Year-Olds, CDC Data Show

VAERS data released Friday by the Centers for Disease Control and Prevention included a total of 1,071,856 reports of adverse events from all age groups following COVID vaccines, including 22,607 deaths and 178,994 serious injuries between Dec. 14, 2020, and Jan. 21, 2022.

By Megan Redshaw

The Centers for Disease Control and Prevention (CDC) today released new data showing a total of 1,071,856 reports of adverse events following COVID vaccines were submitted between Dec. 14, 2020, and Jan. 21, 2022, to the Vaccine Adverse Event Reporting System (VAERS). VAERS is the primary government-funded system for reporting adverse vaccine reactions in the U.S.

The data included a total of 22,607 reports of deaths — an increase of 414 over the previous week — and 178,994 reports of serious injuries, including deaths, during the same time period — up 4,130 compared with the previous week.

Excluding "foreign reports" to VAERS, 740,000 adverse events, including 10,316 deaths and 67,496 serious injuries, were reported in the U.S. between Dec. 14, 2020, and Jan. 21, 2022.

Foreign reports are reports foreign subsidiaries send to U.S. vaccine manufacturers. Under U.S. Food and Drug Administration (FDA) regulations, if a manufacturer is notified of a foreign case report that describes an event that is both serious and does not appear on the product's labeling, the manufacturer is required to submit the report to VAERS.

Of the 10,316 U.S. deaths reported as of Jan. 21, 19% occurred within 24 hours of vaccination, 24% occurred within 48 hours of vaccination and 61% occurred in people who experienced an onset of symptoms within 48 hours of being vaccinated.

In the U.S., 532.4 million COVID vaccine doses had been administered as of Jan. 21, including 312 million doses of Pfizer, 202 million doses of Moderna and 19 million doses of Johnson & Johnson (J&J).

DO YOU KNOW WHAT'S IN A VACCINE?

[redacted] OF THESE SHOULD BE INJECTED INTO YOUR BODY

Aluminum
Known to cause brain damage at all doses, linked to ALZHEIMER'S DISEASE, dementia, seizures, autoimmune issues, SIDs and cancer. This toxin accumulates in the brain and causes more damage with each dose.

Beta-Propiolactone
Known to cause CANCER. Suspected gastrointestinal, liver, nerve and respiratory, skin and sense organ POISON.

Gentamicin Sulphate & Polymyxin B [antibiotics]
ALLERGIC reactions can range from mild to life-threatening.

Genetically Modified Yeast, Animal, Bacterial and Viral DNA
Can be incorporated into the recipient's DNA and cause unknown GENETIC MUTATIONS.

Glutaraldehyde
Poisonous if ingested. Causes BIRTH DEFECTS in animals.

Formaldehyde [formalin]
Known to cause CANCER in humans. Probable gastrointestinal, liver, respiratory, immune, nerve and reproductive system POISON. Banned from injectables in most European countries.

Human and Animal Cells
Human DNA from aborted BABIES. Pig blood, horse blood, rabbit brains, dog kidneys, cow hearts, monkey kidneys, chick embryos, calf serum, sheep blood & more. Linked to childhood leukemia and diabetes.

Mercury [thimerosal]
One of the most toxic substances known. Even if a thermometer breaks, the building is cleared and HAZMAT is called. Tiny doses cause damage to the brain, gut, liver, bone marrow, nervous system and/or kidneys. Linked to autoimmune disorders, and neurological disorders like AUTISM.

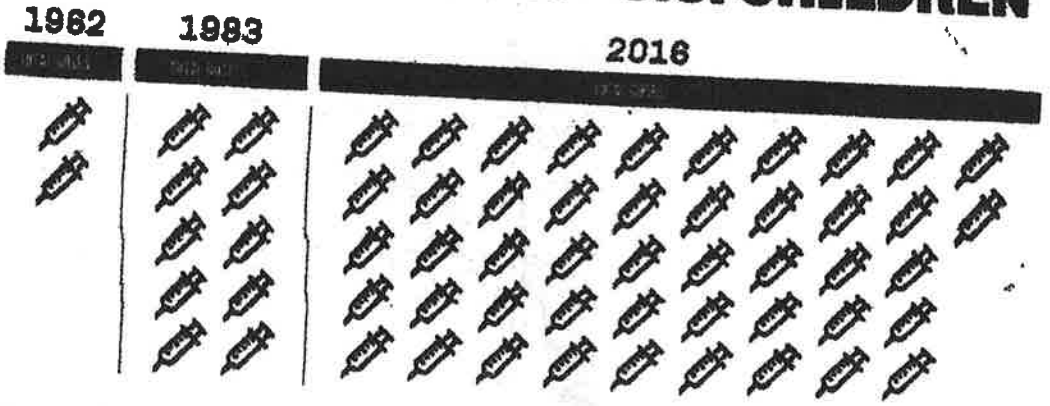
Monosodium Glutamate [MSG]
A toxic chemical that is linked to birth defects, developmental delays and infertility. Banned in Europe.

Neomycin Sulphate [antibiotic]
Interferes with vitamin B6 absorption which can lead to epilepsy and brain damage. Allergic reactions can range from mild to life-threatening.

Phenol/Phenoxyethanol [2-PE]
Used as anti-freeze. TOXIC to all cells and capable of destroying the immune system.

Polysorbate 80 & 20
Known to cause CANCER in animals and linked to numerous autoimmune issues and infertility.

VACCINES DOSES for U.S. CHILDREN



The US gives 2-3x more vaccines than most developed countries, yet we have the sickest population -- with skyrocketing rates of health issues like asthma, childhood diabetes, food allergies, leukemia, developmental delays, ADHD, autism, lupus, arthritis, eczema, epilepsy, brain tumors, Alzheimer's and more. ***It's NOT a coincidence.***

In 1986, Pharmaceutical manufacturers producing vaccines were freed from ALL liability resulting from vaccine injury or death by the Childhood Vaccine Injury Act. With this, vaccines became HIGHLY profitable. There are 271 vaccines in development and mandatory vaccine laws for children — and ADULTS — being pushed in most states.

Help us raise awareness by supporting the Learn The Risk campaign.

Learn more at **LearnTheRisk.org**

The Haig-Kissinger
Depopulation Policy
By Lonnie Wolfe - Special Report EIR (Executive Intelligence Review)
link
6-25-00

(Note - This 20 year old story is making the rounds on the net. With 6 billion people now on the planet, it would seem that by any measure such policy has not been effective. However, with the proliferation of WMD and the explosion of AIDS, HepC and the resurgence of TB including the untreatable variety - the prospects for future mass population reduction appear notable.)

WORLD DEPOPULATION IS TOP NSA AGENDA - CLUB OF ROME

Investigations by EIR have uncovered a planning apparatus operating outside the control of the White House whose sole purpose is to reduce the world's population by 2 billion people through war, famine, disease and any other means necessary. This apparatus, which includes various levels of the government is determining U.S. foreign policy. In every political hotspot -- El Salvador, the so-called arc of crisis in the Persian Gulf, Latin America, Southeast Asia and in Africa- the goal of U.S. foreign policy is population reduction. The targeting agency for the operation is the National Security Council's Ad Hoc Group on Population Policy. Its policy-planning group is in the U.S.State Department's Office of Population Affairs, established in 1975 by Henry Kissinger. This group drafted the Carter administration's Global 2000 document, which calls for global population reduction, and the same apparatus is conducting the civil war in El Salvador as a conscious depopulation project.

"There is a single theme behind all our work-we must reduce population levels," said Thomas Ferguson, the Latin American case officer for the State Department's Office of Population Affairs (OPA). "Either they [governments] do it our way, through nice clean methods or they will get the kind of mess that we have in El Salvador, or in Iran, or in Beirut. Population is a political problem. Once population is out of control it requires authoritarian government, even fascism, to reduce it "The professionals," said Ferguson, "aren't interested in lowering population for humanitarian reasons. That sounds nice. We look at resources and environmental constraints. We look at our strategic needs, and we say that this country must lower its population-or else we will have trouble. So steps are taken. El Salvador is an example where our failure to lower population by

simple means has created the basis for a national security crisis. The government of El Salvador failed to use our programs to lower their population. Now they get a civil war because of it.... There will be dislocation and food shortages. They still have too many people there."

Civil wars are somewhat drawn-out ways to reduce population, the OPA official added. "The quickest way to reduce population is through famine, like in Africa or through disease like the Black Death," all of which might occur in El Salvador. Ferguson's OPA monitors populations in the Third World and maps strategies to reduce them. Its budget for FY 1980 was $190 million; for FY 198l, it will be $220 million. The Global 2000 report calls for doubling that figure. The sphere of Kissinger In 1975, OPA was brought under a reorganized State Department Bureau of Oceans, International Environmental, and Scientific Affairs-- a body created by Henry Kissinger. The agency was assigned to carry out the directives of the NSC Ad Hoc Group.

According to an NSC spokesman, Kissinger initiated both groups after discussion with leaders of the Club of Rome during the 1974 population conferences in Bucharest and Rome. The Club of Rome, controlled by Europe's black nobility, is the primary promotion agency for the genocidal reduction of world population levels. The Ad Hoc Group was given "high priority" by the Carter administration, through the intervention of National Security Adviser Zbigniew Brzezinski and Secretaries of State Cyrus Vance and Edmund Muskie.

According to OPA expert Ferguson, Kissinger initiated a full about-face on U.S. development policy toward the Third World. "For a long time," Ferguson stated, "people here were timid" They listened to arguments from Third World leaders that said that the best contraceptive was economic reform and development. So we pushed development programs, and we helped create a population time bomb. "We are letting people breed like flies without allowing for natural causes to keep population down. We raised the birth survival rates, extended life-spans by lowering death rates, and did nothing about lowering birth rates. That policy is finished. We are saying with Global 2000 and in real policy that you must lower population rates. Population reduction and control is now our primary policy objective-- then you can have some development." Accordingly, the Bureau of Oceans, International Environmental, and Scientific Affairs has consistently blocked industrialization policies in the Third World, denying developing nations access to nuclear energy technology--the policies that would enable countries to sustain a growing population. According to State Department sources, and Ferguson himself, Alexander Haig is a "firm believer" in population control.

BIOTERRORISM at the highest levels: U.S. government caught targeting "red" states with deadlier batches of covid vaccines

Tuesday, January 25, 2022 by: Ethan Huff
Tags: badhealth, badmedicine, badscience, Biden, big government, Big Pharma, biological weapon, build back better, conservatives, conspiracy, COVID, Dangerous Medicine, deception, depopulation, genocide, pharmaceutical fraud, politics, red states, spike protein, vaccines

(Natural News) A deep analysis of VAERS (Vaccine Adverse Event Reporting System) data shows that "red" states – meaning those that align politically as being more conservative – are getting hit the hardest by Wuhan coronavirus (Covid-19) "vaccine" deaths.

In what appears to be a politically motivated genocide, the powers that be (i.e., the pharmaceutical industry and big government) are reportedly sending deadlier batches of Fauci Flu shots to conservative areas of the country.

Blue areas are getting cleaner jabs while red areas are being sent the more toxic varieties, says Greg Reese from *Infowars*.

"Some red states are seeing 11-times more vaccine deaths than other states," Reese claims – you can watch his video report below. "On average, red states are experiencing twice the amount of vaccine deaths and injuries than blue states."

This video is from channel "Health Ranger Report" on Brighteon.com.

Check out HowBadIsMyBatch.com to learn more about which covid vaccine lots are causing the most health problems

Ex-head of respiratory research at Pfizer, Mike Yeadon and researchers like Craig Paardekooper sourced VAERS data on vaccine death and injury in the United States, which currently shows more than 700,000 adverse reactions associated with the Pfizer-BioNTech, Moderna, and Janssen (Johnson & Johnson) injections.

These jabs were deployed in different batches, or lots, that show extremely disparate rates of injury and death. Some lots are causing almost no problems while others are causing many problems.

How can this be if all of the jabs are truly the same? Back-engineering conducted by Yeadon and Paardekooper uncovered the fact that not all covid jab lots are the same – you can learn more about this at HowBadIsMyBatch.com (or at HowBad.info).

"About 0.5 percent of all the different batches are highly toxic, resulting in hospitalization, disability, and death within days or weeks of injection," Reese says. "Other batches cause minimal adverse reactions and most appear to be harmless placebos."

"When plotted on a timeline, we can see that these three companies have been working together to quietly monitor the lethal effectiveness of specific deadly batches."

Reese also says that while one company is deploying a lethal batch, the other two are deploying harmless ones. This creates a scientific environment for the genocidal eugenicists to perform dose-range finding, or the maximum tolerated dose for each specific batch of injections.

"The timeline shows that each lethal batch deployment is preceded and followed by a quiet period, allowing them time to establish their baseline before the next deadly batch is deployed," Reese explains.

"Private leaked documents from the CDC show a list of expiry dates, and only certain lots are included – the very same lots found to be highly toxic in Paardekooper's database, which makes sense. There would be no reason to list expiration dates for saline placebo; only the deadly ones."

The hardest-hit state in terms of toxic jab batches appears to be Montana at 11.3 deaths per 100,000, followed by Tennessee at 9.1 deaths per 100,000. In third place, however, is Minnesota, a blue state, at 9.0 deaths per 100,000.

"Analysis of the number of dying per 100,000 vaccinated in 50 states shows us that the overwhelming majority of vaccine deaths are happening in red states," Reese warns.

"Some red states are experiencing 11 times more vaccine deaths than other states. On average, red states are experiencing twice the amount of vaccine deaths and injuries than blue states."

Could it be that the establishment is specifically targeting states with largest populations of people who oppose the "Build Back Better" (6uild 6ack 6etter) of the current regime? Is there an effort afoot to exterminate people who oppose the "Great Reset?"

More related news about the government's covid injection genocide campaign can be found at ChemicalViolence.com.

Sources for this article include:

Infowars.com

Brighteon.com

The coronavirus vaccine is the "final solution" depopulation weapon against humanity; globalists hope to convince BILLIONS of people to commit "suicide-via-vaccine"

BY HEALTHRANGER // 2020-08-03

Mastodon Parler Gab

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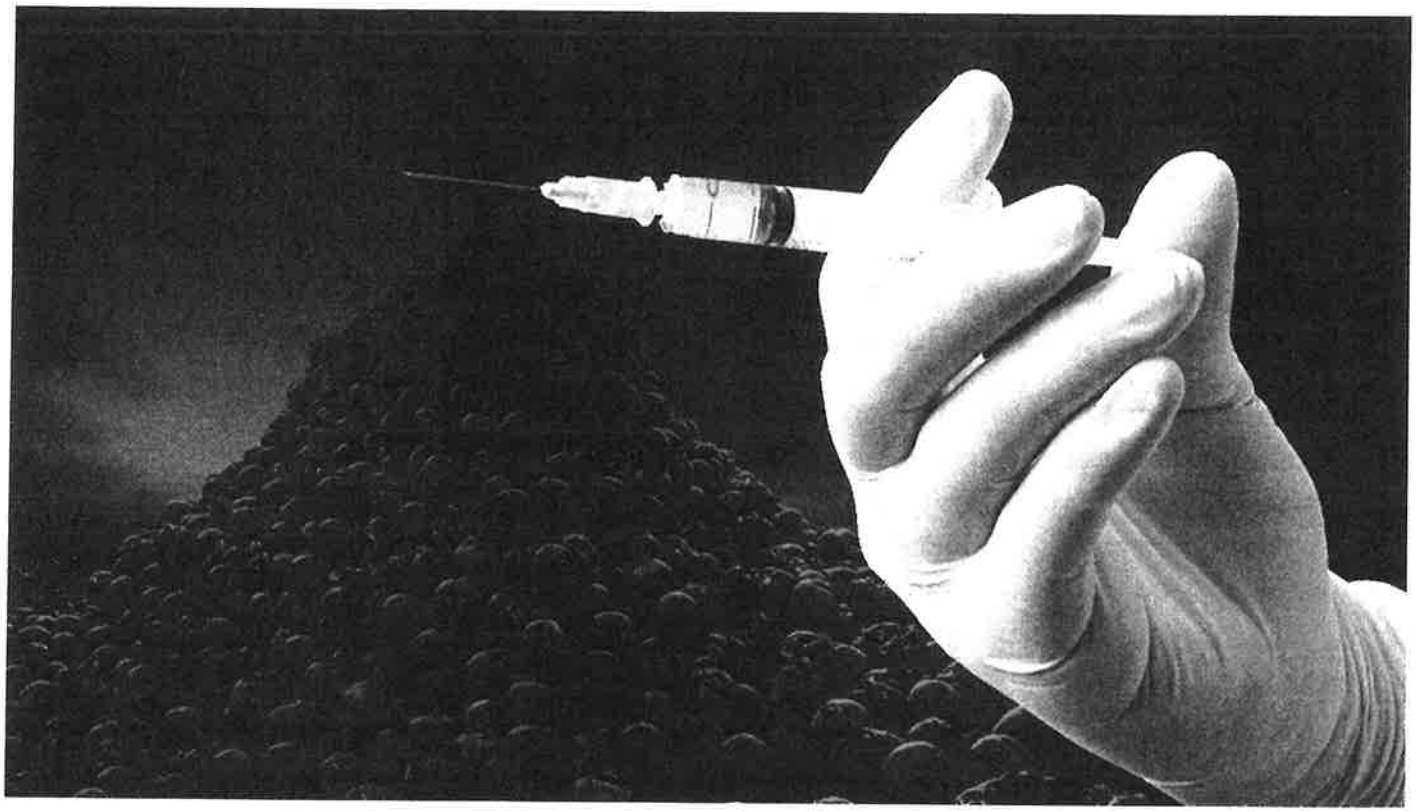


Now we come to the real mission in the "plandemic," the censorship, the banning of hydroxychloroquine and the silencing of *America's Frontline Doctors*: It's all about global depopulation via a new vaccine that's designed to mass murder *billions* of human beings and sharply reduce the population of the human race on planet Earth. Why else do you think they're making it *mandatory* while granting the vaccine companies complete legal immunity from all liability? It's because **the vaccine is designed to kill human beings**, not save them. Once people start dying, no one can sue the vaccine makers. That's why they needed the legal immunity agreements in place before they launched the vaccine push. The global depopulation agenda isn't even a secret, by the way. Bill Gates openly talks about using vaccines to reduce the human population, and globalists openly admit they believe that if human populations aren't sharply reduced, the planet's biosphere will collapse due to carbon dioxide emissions, pollution and the frenzied consumption of natural resources. Whether or not *you* believe that, *they* (the globalists) believe it. And they believe they must kill 90% of the human population in order to save the other 10%. Thus, globalists who pursue global depopulation **see themselves as heroes of humanity**, not mass murderers.

The global warming scam was the first effort to crush the economy and cause mass famine and death, but it failed

Understand that the plandemic isn't the first effort to achieve global depopulation. Globalists first tried to crush human economies using the global warming scam, falsely claiming carbon dioxide was a deadly poison. They rigged all the global temperature numbers and fudged the fake science studies to try to push global warming -- later "climate change" -- to lock down global economies. But their efforts failed. Not enough people bought into the obvious fraud, and their fake science was easily exposed.

The engineering and release of the coronavirus is simply the escalation of the same goal: To shut down global economies, cause mass famine and poverty, followed by an engineered culling of human populations. Where the global warming fraud failed,

the COVID-19 "plandemic" succeeded. The lockdowns were weaponized and extended, crushing national economics and leading to what will now be a mass wave of homelessness, destitution, disease, famine, social unrest and possibly even nuclear war. But the real weapon in all this is the COVID-19 vaccine. Everything else was put in place merely to drive humanity to beg for it. The vaccine won't kill instantly, of course. The first wave of vaccines might even be deliberately made "safe" in order to unleash a wave of positive press and convince skeptics to go all-in and agree to be injected. But by the time the second and third rounds of injections are being shot into people around the world, **the vaccines will be sufficiently weaponized** to cause autoimmune disorders and mass death upon exposure to a subsequent influenza or coronavirus strain that will be deliberately released into the wild. Most people will die from a hyperinflammatory immune response. They will drown in the liquid in their own lungs, in other words, and many of those who survive will suffer permanent neurological damage that will make autism look like a walk in the park. Notably, **those who die from the COVID-19 vaccine will include the very "journalists" who attack the whistleblowers who are warning this is coming**. Being a Big Pharma whore who works for MSNBC, it turns out, doesn't grant you any special exemption from the vaccines you're pushing. You will suffer and die right alongside everyone else, drowning in the pain and fraud that characterizes the vaccine you've been pushing on others. One of the inevitable repercussions of the vaccine, in fact, will be that **it will kill many of the propagandists who claimed it was safe**. We call that "karma."

If you take the vaccine, you might win the Darwin award and get removed from the human gene pool

Ultimately, **the COVID-19 vaccine is an IQ test for humanity**, and anyone stupid enough to take it is likely to be removed from the human gene pool, exactly as desired by globalists like Bill Gates. See, even globalists are tired of so many stupid people walking around on this planet, and they've figured out a simple way to eliminate the obedient sheeple: Push a mandatory depopulation vaccine and see how many idiots line up to take it. Those who take the shot prove they're too stupid to represent the future of the human race. As they die off over the next few years, they take their stupidity to the grave, thereby aiding the future of humanity by removing their own stupidity from it. **The vaccine pushers themselves will be among those to "self-cull" and die**, which is exactly the outcome they are bringing upon themselves. This will be the ultimate irony of vaccine lies: Those who push the lies will ultimately kill themselves with the very thing they claimed was perfectly safe. When pushers of medical violence end up killing themselves with their own toxic medicine, it's actually a special kind of *cosmic justice* at work, by the way. We should not interfere with their desire to commit *suicide by vaccine*. The key is to make sure they don't take you with them. After all, most of the pro-vaccine zealots are demonic mass murderers who also enjoy chopping up living human babies via post-birth abortions. They've probably already killed some of their own offspring, come to think

of it, and they seek to destroy as many lives as possible before they self-destruct. As is now obvious with the anti-police efforts of the radical Left, Democrats and "progressives" are now all-in with support for mass murder, rapes, arson, felony assaults, violent mobs, riots and mayhem. There isn't a criminal act they don't embrace, including pedophilia and the trafficking of baby body parts. These are the same people pushing vaccine mandates, of course, which tells you everything you need to know about vaccines. The real answer in all this is to **let the lunatic Leftists take all the vaccines they want**. When the enemy is in the process of destroying itself, try not to get in the way. If they murder their own children with vaccines, that's not much different from the fact that they routinely murder their own children with abortions, it turns out. They are murderers and baby body parts harvesters. At least with the coronavirus vaccine, we might be fortunate enough to see them murder themselves.

How they will try to force you to take the coronavirus vaccine

Naturally, every element of society will try to force you to take the vaccine injection so that the maximum genocide effect can be achieved by the globalists. They will tell you you're not allowed to go to work without the vaccine, or they'll deny you access to air travel privileges unless you can produce a "vaccine passport" of some kind. You might be denied access to retail stores, and local CPS kidnappers might threaten to take your children away if you don't get them vaccinated, too. Full-blown medical tyranny and police state violence will be deployed against "anti-vaxxers," and they will be blamed for all future COVID-19 deaths. Speaking out against vaccines will become a *criminal* act, and you will be deplatformed from every social media platform, video site and search engine unless you agree to comply with the pro-vaccine propaganda. They will make you pay a huge price for refusing the vaccine. You will be made to suffer. But that's because the global genocide plan requires obedience. **They have to convince people to consent to suicide-by-vaccine** in order to make it work. If the sheeple wake up and start to mount any real resistance, there aren't enough police forces or military forces in any society to round up all the masses and overtly kill them like the Nazis did. No, this Holocaust will be carried out with the *consent* of those being mass murdered. And if you refuse to grant them consent to murder you with a deadly vaccine, they will make your life a living hell.

Or you could believe the fairy tale delusion that claims Big Pharma loves you and only wants to help humanity, while Bill Gates loves all the little black babies in the world

If all this sounds like a bit too much for you to swallow, you could of course revert to the "official" fairy tale that claims Big Pharma vaccine manufacturers *love* humanity and only want to help save lives, and that Bill Gates and other globalists want to protect all the little black babies in the world, and that abortion is an act of motherly love, and that violent left-wing riots are a "peaceful spiritual movement," and so on. If you smoke enough crack, you might even convince yourself that the coronavirus vaccines will magically be perfectly safe, even without adequate long-term safety testing. With enough drugs in your system, you could even tell yourself that Big Pharma cares about you personally, and their only goal is to help end human suffering, which is why they all conspired to ban any speech about hydroxychloroquine, somehow. But those who are lucid and awake know better. Big Pharma has zero interest in helping anyone other than their own shareholders. Vaccines are largely quack science, and almost none of them have ever been subjected to rigorous long-term clinical trials. The mad rush to market, combined with total legal immunity from all liability, is a **perfect storm of mass vaccine injuries** that will be desperately covered up by the complicit media and evil, treacherous tech giants who are all-in with Big Pharma's crimes against humanity. If you decide to take the coronavirus vaccine, you are doing exactly what the globalists want you to do: Engaging in medical suicide to remove yourself from planet Earth, surrendering the future of human civilization to the globalist elite who have known all along that the plandemic, the shutdowns and the vaccines were **all part of a plan to exterminate billions of human beings**. Have no doubt that Bill Gates won't be taking the same vaccine you're taking. His vaccine will be formulated to actually work (and not kill the patient). *Your* vaccine, on the other hand, is really just a kind of euthanasia shot disguised as a vaccine. So when the day comes that the first coronavirus vaccine is available to the public, drive by the long waiting lines and watch in awe as people line up to be exterminated en masse. You are watching the **vaccine Holocaust** play out in real time, but without all the gas chambers and government soldiers. Now, it seems, the globalists have figured out a way to get people to kill themselves **with consent**. No resistance. No uprising. No "war." Just billions of human beings slipping quietly into death, while praising the rising value of their Big Pharma stock portfolios as they take their last breath and slide into death, oblivious to the fact that their "saviors" were actually their executioners. Mission

accomplished, Bill Gates, you clever little anti-human bastard.
Read VaccineWars.com to stay informed.

Mastodon Parler Gab

Please Don't Call This 'Science': How FDA, CDC Justified Approval of Moderna's Spikevax

The U.S. Food and Drug Administration's approval last week of Moderna's Spikevax COVID vaccine — backed by the Centers for Disease Control and Prevention — made a mockery of science and the regulatory process.

By Josh Mitteldorf, Ph.D.

The U.S. Food and Drug Administration (FDA) and Centers for Disease Control and Prevention (CDC) did it again.

The FDA last week granted its seal of approval for a ghost vaccine that is unavailable in the United States — and it did so using a preordained process that made a mockery of "science" and of "regulation."

Days later, the CDC backed the FDA's decision, using similarly flawed data and reasoning.

The approval of Moderna's Spikevax COVID-19 vaccine was an even greater travesty than the FDA's approval last August of Pfizer's Comirnaty shot.

That's because Moderna has been even more secretive than Pfizer about its trial data, and because Moderna's shot is linked to an even higher rate of heart disease than Pfizer's.

The FDA's approval of the Pfizer Comirnaty vaccine led people to believe they would get a fully licensed, FDA-approved vaccine — when in fact they were still getting the Pfizer-BioNTech vaccine distributed under Emergency Use Authorization (EUA).

People can ask for the Comirnaty vaccine as often as they like — but it is not being distributed in the U.S. The Comirnaty vaccine is supposed to be the same formulation as the old Pfizer-BioNTech vaccine, but the vials labeled "Comirnaty" are in a legal class of their own.

Why this Kabuki theater?

Because any adult who is harmed or killed as a side effect of an "FDA-approved" vaccine can sue the manufacturer. But if you are harmed in exactly the same way by an EUA vaccine, you are out of luck — the manufacturer and everyone in the chain of delivery has full immunity from lawsuits. The law depends on the label.

Now Moderna has the same legal advantage as Pfizer. Its "Spikevax" is the same formula as the old Moderna vaccine, but only if you are dosed with a vial bearing the "Spikevax" label can you sue for bodily harm. So, of course, the Moderna vaccine continues to be distributed, but Spikevax is not available in the U.S.

The approval of Spikevax is not just a legal sham. It's also a scientific sham. FDA approval is supposed to include long-term safety testing, but there is no long-term data available for a product that has been in existence less than a year.

The FDA hearings on the licensing of Spikevax were one-sided and dominated by self-congratulatory rhetoric. They also raised more questions than answers.

Questions for the FDA

- Besides offering publicity to the manufacturer and sowing confusion in the public mind, why would the manufacturers want FDA approval for a vaccine that is not available in the U.S.?
- Neither Pfizer nor Moderna explicitly specified the content of their placebos, but a published review claims they were simple saline. If this is the case, why is the rate of medical problems following injection with a "placebo" so much higher with Moderna's placebo compared to Pfizer's placebo?

  > For example, 18 people out of 15,000 in the Moderna placebo group died before the start of the trial (2 weeks from the second vaccination), while only 4 people out of 22,000 who received Pfizer's placebo dose died in a comparable period. There were 31 "severe adverse events" in the placebo group of the Moderna trial, and zero in the (larger) Pfizer placebo group. What was in that "placebo" that killed 18 people and sent 31 to the hospital?

- The FDA relies on the Vaccines and Related Biological Products Advisory Committee (VRBPAC) to help assess the safety of vaccines before approval. There was an animated debate at the VRBPAC meeting for the Pfizer vaccine. Why was VRBPAC not invited to convene for the Moderna vaccine? The answer is given in this letter of approval from the FDA to Moderna (January 31, 2022):

  > "We did not refer your application to the Vaccines and Related Biological Products Advisory Committee because our review of information submitted in your BLA [Biologics License Application], including the clinical study design and trial results, did not raise concerns or controversial issues that would have benefited from an advisory committee discussion."

- The FDA plainly states that it limited the scope of its analysis to the trial data alone. Why isn't the FDA interested in the enormous amount of data that has become available in the last year?

Safety: Did FDA cook the books?

Deaths and disabilities associated with the mRNA "vaccines" have occurred with shocking frequency, 90 times as many as the worst vaccine in the past. There have been more than 1 million COVID vaccine reactions reported to the Vaccine Adverse Event Reporting System (VAERS), compared to 11,000 for the worst vaccine in 2020 (Shingrix).

There were more than twice as many deaths related to the COVID vaccines this year as the sum total of all vaccine deaths in the 30-year history of VAERS.

To rig the approval process in favor of such a product, the FDA needed to rewrite the rule book. The agency did this with a new statistical criterion, masking murder with mathematics. I am grateful to Matthew Crawford for having decoded the algebra and sounded the alarm.

The safety criterion chosen by the FDA is an obscure computation called PRR, which stands for Proportional Reporting Ratio. As the name implies, it is based on RATIOS of different event types and is utterly blind to the ABSOLUTE RATE of such events.

PRR measures the distribution of different kinds of adverse events, e.g. blood clots, heart attacks and deaths. If those ratios are severely out of line with the great variety of vaccine reactions in the past, PRR would detect that.

For example, if the new vaccines caused an extraordinary risk of myocarditis, but everything else was low, then PRR would flag that. But if myocarditis was just one risk among many that have been reported from past vaccines, then PRR would not pick that up.

The real scandal is that PRR is blind to the absolute risk numbers. PRR is defined in such a way as to look for unusual PATTERNS of adverse events, but it is completely insensitive to unusual RATES of adverse events.

Of course, it is the rates and not the patterns that are of primary concern, and the PRR is designed NOT to reflect that.

For example, suppose we have two vaccines:

- Vaccine A has 1 reported death per million vaccinations, 3 reported heart attacks per million, and 20 reported headaches per million.
- Vaccine B has 1 reported death per hundred vaccinations, 3 reported heart attacks per hundred, and 20 reported headaches per hundred.

Vaccine A is quite safe, and vaccine B is extremely dangerous. And yet the formula for PRR will produce the same result for vaccine A and B!

Clearly, PRR is not an appropriate criterion for evaluating the safety of any particular vaccine. Did the FDA use PRR in order to cook the books?

In Moderna's own trials, 1.3% of vaccine recipients had a reaction to the vaccine that was severe enough to require medical attention. The following possible side effects were listed in information given to doctors:

> "Anaphylaxis and other severe allergic reactions, myocarditis, pericarditis, and syncope have been reported following administration of the Moderna COVID-19 Vaccine during mass vaccination outside of clinical trials."

Off with his head! — the CDC's ACIP hearings

In Alice's Wonderland, the Red Queen's justice began with the execution, then there was a verdict — and finally a trial.

The FDA hearing was followed by a meeting of the Advisory Committee on Immunization Practices (ACIP), which reports to the CDC.

The committee on Feb. 4 voted to recommend the Moderna Spikevax. Only after that action step had been secured did the committee hear testimony from the Public Health Agency of Canada that Moderna's vaccine was associated with a myocarditis risk five times higher than Pfizer's.

Questions for the CDC

- All-cause mortality was equal in both placebo and vaccine groups (16 deaths in each). In the midst of a pandemic, Moderna's vaccine demonstrated no survival benefit. This should have been enough to end any further consideration of approval.

- We have detailed data on myocarditis from decades of past history. One-fourth of myocarditis patients are dead within 5 years, but the same study reports that if the myocarditis is caused by human immunodeficiency virus, then three-fourths die in the same 5 years.

  We have no long-term data on vaccine-induced myocarditis, but we do have some 6-month data, which show 39% of cases still had their activity restricted by their doctors, 20% were still on heart medication, 32% still reported chest pain, 22% still had shortness of breath, 22% had palpitations and 25% still reported fatigue. Thirteen vaccine recipients died. (All these numbers were presented at the ACIP hearing on Feb. 4.)

  Why should we have confidence that the course of vaccine-induced myocarditis will be much less severe than other forms of the disease?

- The Moderna trial, like the Pfizer trial, was limited to healthy people, mostly young, with no pre-existing problems. Pregnant women were explicitly excluded. Why is the vaccine being approved as safe for everyone, including diabetics and immune-compromised, elderly and pregnant women?
- When mRNA vaccines were approved on an emergency basis, the FDA promised to track all safety concerns with a new cell phone app called V-Safe. Why are the results of V-Safe being withheld from the public?
- The FDA was considering approval of Moderna's vaccine in January 2022. There was a full year's experience with side effects reported from nearly 200 million doses of the Moderna vaccine in the U.S. alone. But the FDA limited its consideration to the 15,000 subjects who were in the Moderna trial, ending March 26, 2021. Why was this huge trove of data on vaccine safety not reviewed by the FDA?
- Yes, we understand that the vaccine doesn't become fully effective until 2 weeks after the second shot. But is that a reason to exclude from consideration the damage that is inflicted by enhanced vulnerability to disease during those two weeks, or, for that matter, the four weeks between shots? These have been counted as diseases of the "unvaccinated," but in fact, people in this stage of treatment are much more vulnerable than the truly unvaccinated.
- France and Germany do not recommend Moderna's vaccination for young people, presumably because the Moderna vaccine is associated with a higher rate of myocarditis than the Pfizer vaccine. How did our FDA come to a different conclusion?
- Anaphylaxis following vaccination is an immediate, life-threatening and an undeniable consequence of the vaccine. The CDC claimed the rate of anaphylaxis is 6 per 1 million.

  However, in March of 2021, an examination of anaphylaxis following mRNA vaccines revealed a much higher incidence of this adverse event. In fact, 9 of 38,971 Moderna vaccine recipients suffered documented anaphylaxis. This equates to 230 per million, or 38 times higher than the CDC estimate.

Efficacy — but at what cost?

The proper measure of the efficacy of any medication is how it affects all aspects of a patient's health. But in evaluating the Moderna vaccine, the FDA looked only at its effect on COVID.

There are early but disturbing indications that vaccination worldwide has had dramatic effects on other aspects of health, unrelated to COVID. Insurance company trade journals report that they are paying life insurance claims for adults 18-64 years of age at a rate 40% higher than during any normal year.

This number from OneAmerica (Indianapolis) has been echoed by other studies in Europe. A leaked spreadsheet from the Defense Medical Epidemiological Database showed that incidences of many medical problems in the U.S. military surged in this year of vaccination. For example, heart attacks were up 343%, cancers up 218%, among many other disorders.

Could it be that the vaccines have had a small benefit for COVID severity and disastrous impact on other aspects of human health?

We now have some real-world experience with the efficacy of vaccines. For example, we know the virus mutated to a more contagious, less lethal form. Omicron is now the dominant form of the virus in the U.S. and most other parts of the world today.

The Omicron mutations are concentrated in the spike protein — the only part of the virus to which the vaccinated population has immunity. This suggests the virus is mutating in response to the vaccine, and mutations are an important factor affecting efficacy in the long run

Nevertheless, the FDA considered efficacy data predominantly from the first five months of data (through March 26, 2021) in making its decision to fully license Spikevax, with an absolute cutoff in November, before Omicron became dominant.

More questions

- Almost all subjects in the original Moderna trial who received placebo initially were subsequently given the vaccine. How will we ever know the long-term effects of the vaccine if we have no controls with which to compare?
- Why do CDC studies of death rates based on vaccination status differ so markedly from the same question asked by independent groups in other countries?

  Here, for example, is a report from Public Health Scotland stating that vaccination increases vulnerability to Omicron. Here is a similar report from England. This study shows countries with higher vaccination rates tend to have higher rates of COVID, and this one confirms the same result for U.S. states.

- We are now in an era dominated by the Omicron variant, against which all the vaccines seem much less effective. But even "follow-up data" was analyzed only through March 26, 2021, nine months before Omicron took over. Why did the FDA base its decision on data only from older variants?
- The secondary efficacy endpoint was the prevention of severe COVID-19. Now that it is accepted that there is little, if any, protective effect of mRNA vaccines from infection, the prevention of severe disease should be the primary focus of approval determination.

  Moderna claims its vaccine efficacy is an astonishing 98.2% in preventing severe COVID-19 (Table 8). Pfizer's was 96.7% (Table S6).

  The reason for the calculated difference in efficacy between these two products was not from a lower incidence of severe disease in the vaccine arm of Moderna's trial (it was lower in Pfizer's trial). It was because the incidence of severe disease in Moderna's placebo group was much higher than in Pfizer's.

Severe COVID-19 in Pfizer's placebo group occurred in 30 participants out of 23,0379. In Moderna's, severe disease occurred in 106 participants out of 14,164 that received a placebo. Why was the incidence of severe COVID-19 nearly six times higher in Moderna's placebo group than Pfizer's?

Postscript: Failure was never an option

In America, why are clinical trials for new drugs run by the same companies that own the drugs, and will profit from them if the trial is successful?

It's a glaring conflict of interest, but necessary within a capitalist system. Since the trials cost, typically, hundreds of millions of dollars, only the company that will profit from the drug is motivated to invest such huge sums in testing.

In the case of the COVID vaccines, however, the development and the trials were both publicly funded. There was no excuse for contracting the same organization both to develop and test their own product.

Moderna's development cost was funded through Operation Warp Speed in the U.S. and Pfizer through the German government. Now, the companies are reaping windfall profits, though they risked no money of their own.

This leaves us wondering, did our government ever want a fair and unbiased evaluation of the COVID vaccines? Or — after a full year of telling the public that vaccines were the only path out of the COVID crisis — did NIH feel they could not risk the possibility that the trials might fail?

There were no animal tests. There was no time to experimentally optimize dosage and delivery. They had to guess right the first time.

Maybe they thought this is what the exigency of a pandemic required — but please don't call it "science."

The views and opinions expressed in this article are those of the authors and do not necessarily reflect the views of Children's Health Defense.

Josh Mitteldorf, Ph.D.

Josh Mitteldorf, Ph.D., has a background in theoretical physics. Since the 1990s, he is best known for his contributions to the biology of aging, including many articles and two books.

HB 1684 - 2021-22

Concerning public health and fluoridation of drinking water.

Sponsors: Paul Harris, Bateman, Fitzgibbon, Leavitt, Cody, Macri, Simmons, Pollet, Riccelli
District 17

Bill History

2022 REGULAR

Dec 22	Pref
Jan 10	First
Jan 25	Publ
Jan 28	Exec
	LG -
	Mino
Jan 31	Refer
Feb 5	Publi
Feb 7	Execu
	APP -
	Mino
	Mino
	Refer
Feb 9	Rules
Feb 12	1st si
	Rules
	Third

IN THE SENATE

Feb 15	First r
Feb 22	Scheduled for public hearing in the Senate Committee on Environment, Energy & Technology at 10:30 AM (Subject to change)

HB 1684 is being voted on Tuesday Feb 22
Sodium Fluoride is the poison in your toothpaste you are not suppose to swallow.
This poison increases Cancer death rate. Causes crippling bone disease and mottled teeth.
Look this up. Click on link to next page. Fill out the page to oppose this bill. Call your state legislators to stop this.
www.FluorideAlert.org

Colgate®

Drug Facts

Active ingredients — **Purpose**
Potassium Nitrate 5% ..... Antisensitivity
Sodium Fluoride 0.24% (0.14% w/v fluoride ion) ..... Anticavity

Uses • builds increasing protection against painful sensitivity of the teeth to cold, heat, acids, sweets or contact • helps protect against cavities

Warnings
When using this product, if pain/sensitivity still persists after 4 weeks of use, please visit your dentist.
Stop use and ask a dentist if the problem persists or worsens. Sensitive teeth may indicate a serious problem that may need prompt care by a dentist.

Drug Facts (continued)

Directions

adults and children 12 years of age and older	apply at least a 1-inch strip of the product soft bristle toothbrush. Brush teeth thoroug least 1 minute twice a day (morning and ev as recommended by a dentist or physician. sure to brush all sensitive areas of the teeth
children under 12 years	consult a dentist or physician

Inactive ingredients Water, Glycerin, Hydrated Silica, Sorbitol, PEG- Copolymer, Sodium Lauryl Sulfate, Flavor, Poloxamer 407, Trisodium Phospha Hydroxide, Sodium Saccharin, Cellulose Gum, Xanthan Gum, Titanium Dioxide, Blu

vote vote vote vote vote vote vote vote vote

for Pure Water

Forced medication without informed consent is against all human rights: Fluoride is a medication.

Fluoride added to Warrnambool's water will be either fluosilicic acid or sodium silicofluoride, both contaminated waste products of aluminium manufacturing or superphosphate production, not calcium fluoride which is naturally occuring. (also toxic poison)

Many items that were once said to be safe are now proved to be lethal.

Australian authorities often make mistakes. Fluoridation is claimed to be safe, but so was Arsenic, DDT, Thalidomide, Dioxin, Asbestos, Agent Orange, Delkon Shield, Deildrin, Mercury and more recently - Vioxx - all shown later to harm or kill people. But at least they weren't compulsory. Fluoridation is!

It is illegal to release fluoride into waterways

It is illegal to bury fluoride

Added fluoride can cause

Bone cancer
Harvard study 2006 reports of five-fold increased risk of developing bone cancer amongst teenage boys exposed to fluoridated water.

Thyroid disease (nat. research council 2006)

Kidney damage (Bansil R, Tirwari SC; 2006)

Fluorosis of the teeth - Victorian Health Department (DHS)

Hip Fractures - Ingested fluoride accumulates in bones causing brittleness as with hip fractures. (National Research Council USA 2006)

Negative effects on a child's IQ (The Lancet Medical Journal Vol.368, Dec 2006 & Major study in China)

PLEASE COME AND VOTE TO SHOW YOUR CONCERN FOR YOUR FAMILY AND FUTURE GENERATIONS

VOTING STATION

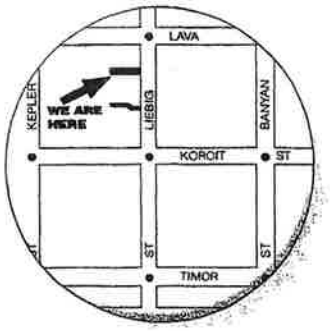
147 Liebig Street

Stephens Arcade next to Bakers Delight

Monday ~ Saturday till further notice

10.00am-3.00pm

Polling Volunteers required



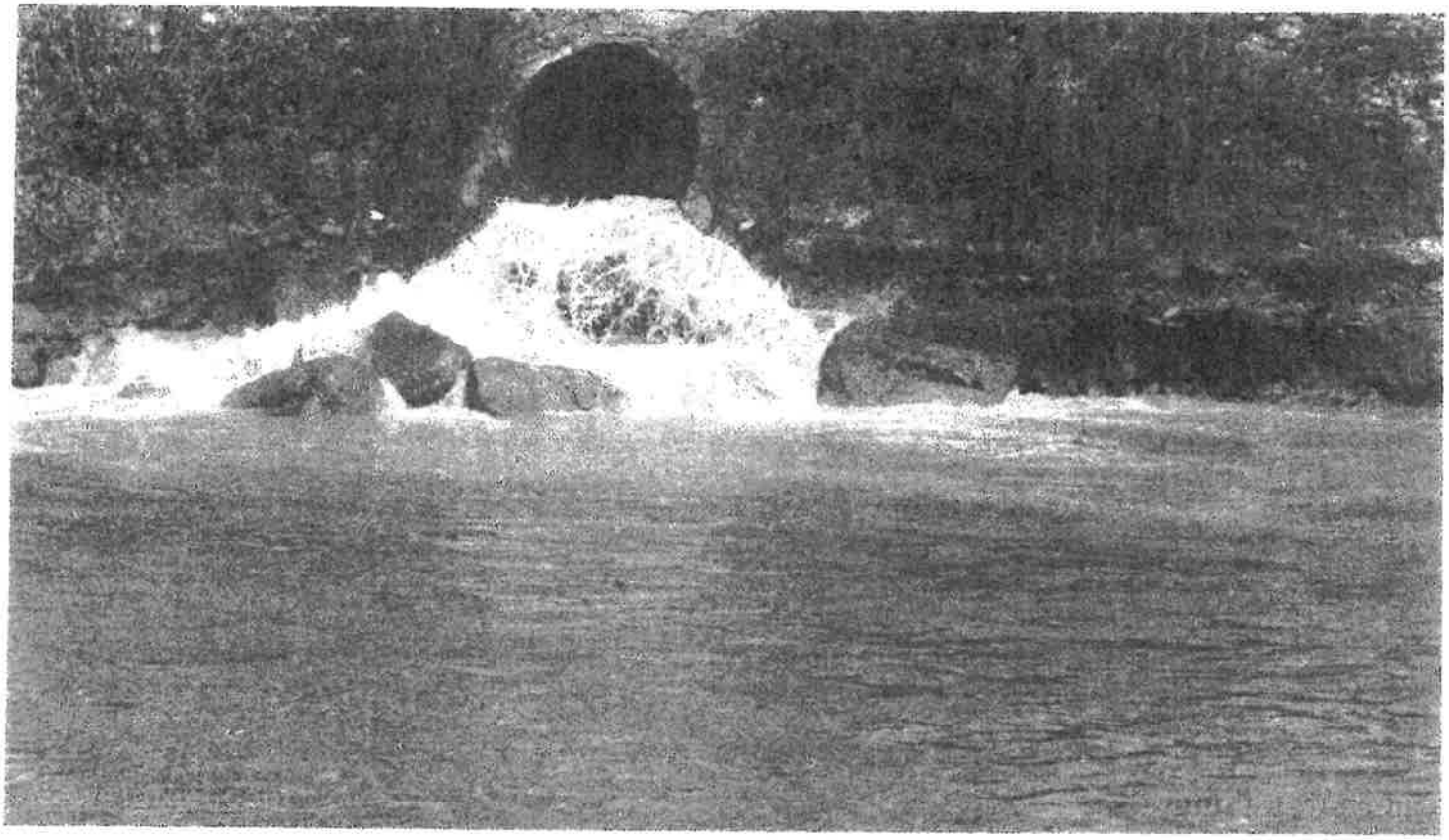
Please Educate yourself

www.victorianfluorideactiongroup.org

PTO

"Composting" dead humans creates bio-goo that gets flushed down sewage pipes, turned into biosludge, then deposited on crops

Thursday, November 21, 2019 by: Ethan Huff
Tags: badfood, badhealth, badpollution, bio-goo, Biosludge, crops, Ecology, environ, environment, fertilizer, food supply, human composting, human remains, junk science, sewage sludge, toxic ingredients, Washington



(Natural News) Washington state is on the verge of legalizing the "composting" of human remains, which advocates say will create a new source of "organic fertilizer" for food crops. But this so-called "organic fertilizer" is actually a toxic and just plain disgusting bio-goo that will easily make its way into sewage systems, only to be "recycled" and turned into toxic biosludge.

With a bipartisan majority, legislators in Washington were able to pass Bill 5001, entitled, "Concerning human remains," that, effective May 1, 2020, will open the floodgates for dead humans to be turned into crop "food" – something that supporters of the idea say will make the state more "sustainable" and "green."

Wes McMahan, a retired cardiovascular intensive-care nurse, reportedly testified in favor of the bill, which awaits the signature of Governor Jay Inslee. Should Bill 5001 be signed into law as some expect, McMahan will finally get his wish to be turned into growing soil when he dies.

"When I'm done with this body that served me very well for the past 64 years, do I want to poison it with formaldehyde and other embalming chemicals? No," McMahon is quoted as saying to *The Seattle Times*.

"Burned? Not my first choice. But what about all the bacteria I've worked with so long in this body – do I want to give them a chance to do what they do naturally? I believe in doing things as naturally as possible."

For more related news, be sure to check out FoodSupply.news.

Dead human "sludge" can't be organic if it's loaded with pesticides, pharmaceuticals, and other chemicals

The only problem is that most people's bodies, especially in America today, are *loaded* with toxic chemicals that, formaldehyde or not, will be left over in composted bio-goo – chemicals that are pulverized and incinerated during traditional cremation.

This new "liquid" cremation method preserves not only the "nutrients" in dead people's bodies, but also anything else that's accumulated over time – think chemical pesticides and herbicides, pharmaceuticals, dioxins, fire-retardant chemicals, and pretty much anything else you can imagine.

No mention is made in Bill 5001 about these toxins and how they'll impact not only water supplies, but also the soils into which they're deposited. Will any efforts be made to "purify" liquid cremated remains? The answer is: probably not.

According to the findings of a 2001 study published in *The Canadian Journal of Infectious Diseases*, biosludge without human compost is already a toxic stew of pathogens, heavy metals, and "environmentally persistent chemicals such as polychlorinated biphenyls and dioxins."

All of these poisons are right now being dumped on crop land across the United States – and most Americans don't even know this is happening – and now legislators want to add dead bodies into the mix.

All of this and more is covered in the groundbreaking film *Biosludged,* which you can learn more about at this link.

"*Biosludged* reveals how the EPA is committing science fraud to allow the ongoing poisoning of our world with toxic sewage sludge that's being spread on food crops. The criminality and fraud of what's exposed in this film is truly mind-blowing," says Mike Adams, the Health Ranger.

"The film also features many other scientists, researchers and citizen activists who are all working to shine the light on the grotesque practice of cities spreading toxic sewage sludge on farms, crop lands, city parks and forests."

You can watch *Biosludged* in its entirety for *free* at BrighteonFilms.com.

There are also many additional articles and feature pieces at NaturalNews.com where you can learn more about biosludge, how it came to be, and where it's all headed next now that human compost is being pushed as a "solution" to traditional burial or cremation.

Sources for this article include:

WND.com

SeattleTimes.com

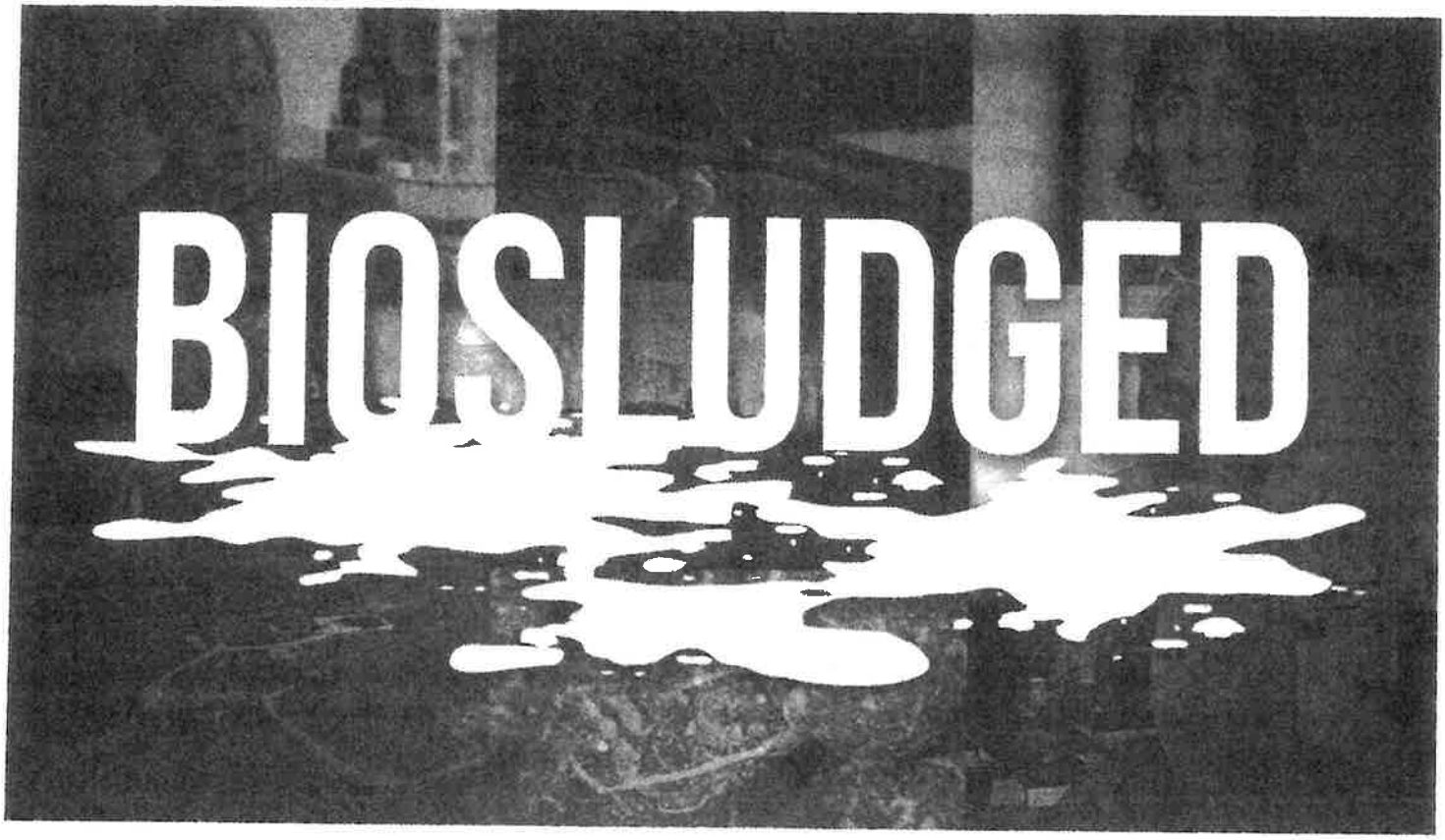
NaturalNews.com

NaturalNews.com

BrighteonFilms.com

Sewage sludge industry panics as Biosludged movie files posted for immediate downloading and sharing... get the files here

Thursday, November 29, 2018 by: Mike Adams
Tags: badfood, badpollution, Biosludge, Biosludged, Biosolids, Brighteon Films, documentary, Ecology, environ, environment, goodhealth, goodscience, Mike Adams, movie, sewage sludge, toxins



(Natural News) The *Biosludged* movie that exposes "the greatest environmental crime you've never known" is now available for full downloading and sharing. The film documents the EPA's outright crimes against the environment, along with industry collusion, science fraud and the mass pollution of the U.S. food supply with toxic sewage sludge.

The sewage sludge industry, which **relies on secrecy and lies** to continue its profitable pollution racket, is already in a panic over the release of this film. What they are starting to realize is that rather than restrict the film to theaters or pay-per-view, we planned all along to release the film to the public for sharing and posting everywhere. We even built our own video platform — Brighteon.com — so that YouTube, Vimeo, Google, Facebook, Twitter and other evil tech giants could not censor the film.

Grab the files at this link, and enter your email address there to subscribe to the Brighteon Films announcement list.

You are hereby granted permission to:

- Post the full movie, or snippets of the movie, to your YouTube, Vimeo, Bitchute, Brighteon or other video provider channel.
- Burn the full movie to DVDs and give them away for free (you may not charge for the film, however).
- Share the film files on torrent sites or file sharing sites.
- Download and store a copy on your local computer.
- Share the downloaded files with others using any means you wish.

We only ask that you give credit to Biosludged.com or BrighteonFilms.com, and remember that even though we grant you the right to share the film for non-commercial purposes, we still technically "own" the film and maintain copyright on the film.

Some great ideas of how to spread the word about Biosludge

By sharing the Biosludged movie, you join an **underground railroad of activist** citizens who are helping distribute critical information that's being systematically suppressed by industry, government and media. (Yes, all three are covering up the truth about toxic sewage sludge.)

That's why we've put this film out for you to share. Here are a few ideas of how you can get this film into the hands of other people who need to see it

- Burn the movie to DVDs and hand them or mail them to your local city council members.
- Upload the files to Dropbox or another service and share links with your friends on social media.
- Send DVDs or file links to local journalists or news investigation teams.
- Send copies to your members of Congress.

call to action

Sign up for the email newsletter at BrighteonFilms.com to be kept informed of more news surrounding this film, as well as announcements on the release of upcoming films.

Also: **We need volunteer translators who can translate the film's captions into Spanish and other languages**. Please contact Natural News if you can assist in this effort.

Read Biosludged.news to stay informed about the topic of biosludge and the mass pollution of our soils and our food.

Also check out Brighteon.com, the new alternative to YouTube, now featuring thousands of active video channels and over a hundred thousand uploaded videos. All Brighteon Films documentaries are being posted to Brighteon.com.

These projects are funded in part by the Health Ranger Store, bringing you 700+ lab-verified products for healthy living, including superfoods, storable emergency organic foods, green home products, personal care, prepping supplies and much more. Shop at the Health Ranger Store to help support our films, our lab and our continued work for humanity.

Electric cars, "sustainability," and other city folk ideologies are a clean energy MYTH – watch at Brighteon.com

Sunday, October 21, 2018 by: Ethan Huff

Tags: automobiles, badclimate, badpollution, batteries, big cities, bio-sludge, cars, cities, Clean Energy, climate alarmism, coal, electric cars, environ, environment, environmental consciousness, feces, green living, hybrids, immoral, Leftists, Liberal Mob, liberals, lifestyle, myth, Prius, science clowns, science myths, sustainability, sustainable, sustainable living, toxins, unethical, waste

(Natural News) Big-government leftists, many of whom live in large cities, are known to tout their electric and hybrid vehicles, social activism, and other "sustainable" lifestyle habits as helping to "save the planet." But much of what far-left liberals love to brag about concerning their alleged support of clean energy and environmental conservation are empty myths that have no basis in reality.

During a recent episode of his *Health Ranger Report* show, available for viewing at Brighteon.com, Mike Adams, the Health Ranger, punches a few big holes in popular liberal mantras that, upon closer investigation, represent little more than "fake news" from the usual suspects involved with the liberal mob.

"People who live in cities think of electric cars as being 'clean,' but really they just export pollution to rural areas outside the cities," Adams points out, reducing the "I'm better than you because I drive a Prius" crowd to logical rubble.

"What powers an electric car? Well, you might think batteries. Okay. But let's take it one step further here. What powers the batteries? Where does that electricity come from? Predominantly it comes from coal-fired power plants, which are located outside the cities. And those coal plants, of course, emit some amount of mercury and heavy metals, and they emit carbon dioxide, of course, and particulate pollutants, which then settle on farm lands and forests and rural areas."

Watch this full episode of the *Health Ranger Report* at Brighteon.com below:

City people, regardless of how "liberal" they are, represent the world's biggest polluters

Almost everything about city life in 2018, Adams points out, is far more polluting than activist liberals would have us all believe. Even if every single "gas-guzzling" automobile was pulled from the road and replaced with a Tesla, there's still pollution being distributed *somewhere*.

"If you have a city where, let's say, you don't even have combustion engines any longer for regular vehicles, all you're doing is you're taking that pollution that used to exist in the city, coming out of the tailpipes, and now you're pushing that pollution out into the countryside," says Adams.

"And that's not the first time that cities have done that. They also do the same thing with sewage: it's called bio-sludge. So all that sewage that people flush down their toilets in the city, that ends up spread as 'fertilizer' on farms in the countryside."

It's a completely unsustainable and unethical situation that ends up leaving all the pollution at the doorsteps of people who live in the country, even as their city folk counterparts revel in feelings of superiority for supposedly taking the moral "high ground" by living "sustainably."

"Cities … they are polluters, they export pollution to surrounding areas," Adams states.

"They steal resources from the countryside as well – many cities have to steal water from rural areas in order to provide enough water for the city. So they're taking in water and they're stealing resources from the countryside while exporting their pollution back to the countryside."

In Adams' view, country folk are the truly sustainable ones, at least when they're not dumping harmful pesticides and herbicides all over their crops. Their septic systems, as opposed to city sewer systems, are better for the environment, and many of them grow their own food, collect their own rainwater, and all-around treat the environment better than the average city person.

"People who live in cities like to talk about 'sustainable living' and 'green living' and 'environmental consciousness,' but they don't realize that the very fact that they're living in a city is environmentally disastrous and completely unsustainable because they're just polluting the world with their feces and with their electrical usage, which is much higher, per capita, in a city than it is in a rural environment, by the way," explains Adams.

"Rural living is sustainable. In rural environments, you can collect your own rainwater, you can throw some solar panels on the roof … or maybe you can go off-grid, even. You can grow some of your own food."

Be sure to watch this full episode of the *Health Ranger Report* at Brighteon.com.

Sources for this article include:

Brighteon.com

NaturalNews.com

BIOSLUDGE is a toilet-to-farm scheme that deposits toxic sewage sludge on food crops all across America

Friday, December 21, 2018 by: Lance D Johnson
Tags: badfood, badhealth, badpollution, badscience, bio-terrorism, Biosolids, cancer causes, Clean Soil Act, deception, EPA, EPA fraud, food supply, fraud, human waste, outbreaks, pharmaceutical runoff, soil health, soil poisoning, toxic chemicals, wastewater treatment

(Natural News) There's a reason why the Environmental Protection Agency (EPA) has implemented a Clean Water Act and a Clean Air Act, but NO Clean Soil Act.

A Clean Soil Act would fundamentally change how wastewater is processed and recycled. It would require the EPA come clean about the toxic composition of fertilizers being spread on North American soils. A Clean Soil Act would halt the mass spread of toxic sewage on food crops all across America. It would expose environmental crimes within the EPA itself. A Clean Soil Act would require the truth to come out; that the recycling of bio-solids is a toilet-to-farm scheme that is poisoning America's gardens and farmlands and forcing humans to eat from their own waste.

The bio-solids that are processed and recycled at municipal wastewater treatment plants are sold to homes and farms across the country as "fertilizers." These bio-solids are a chemical nightmare, consisting of a wide array of pharmaceuticals, agro-chemicals, industrial chemicals, household chemicals, pathogenic material, and heavy metals. This toxic biosludge should never come in contact with soils that grow food for human and animal consumption. (Related: The government is lying about the safety of biosludge.)

Documentary exposes deep truths about EPA fraud and the chemical poisoning of soils and the food supply

In the new documentary *Biosludged*, scientific experts and whistle blowers break down what is happening to North American soils and how this mass pollution scheme is making people chronically ill and mentally lobotomized. In this documentary, former EPA scientist and whistle blower Dr. David Lewis reveals the shocking extent of the EPA's criminal activities and scientific fraud. The fertilizer that people add to their soils is inundating crops with disease-promoting pathogens and a slew of chemicals that wreck havoc on the physiological processes of the human body.

The documentary also warns that the food supply is at grave risk of being used as a vector for terrorist activity. A terrorist can flush massive amounts of chemicals into the sewage system,

only to have it all recycled as fertilizer for use on crop fields. Sewage sludge could also be laced with bio-weapons and microorganisms that cause food poisoning and infectious disease. All the human dung that is deposited on food crops ultimately releases chemicals into the groundwater, too. People across the U.S. are literally regurgitating the toxic composition of their own poop, using water and fertilizer that has been poisoned over and over again. These biosludge chemicals directly affect brain function, immune function, and fertility. All the cancer marches and pink ribbon fundraisers should start to look at what's going on with the food supply, how toxic human waste is re-consumed, poisoning the population into cancerous states.

Watch the full documentary at BrighteonFilms.com and download the full movie files that you can openly share with others. Stay up-to-date on the "greatest environmental crime you've never heard" at Biosludge.News.

Coronavirus "Perfect Storm" Now Exists Thanks to Biosludge, Open Borders, Filthy Liberal Cities

Friday, January 24, 2020 by: Mike Adams
Tags: Biosludge, coronavirus, infections, liberal cities, Open Borders, outbreak, pandemic, perfect storm

Bypass censorship by sharing this link:

(Natural News) The horrendously bad decisions of human beings who hold power in government, media and industry have brought the human race to a "perfect storm" of conditions that will strongly contribute to the spread and fatalities of the coronavirus pandemic now threatening the world.

As I relate in an emergency podcast below, the following conditions are now converging into a *worst case scenario* when trying to stop a pandemic (or a *best case scenario* for the globalists trying to achieve depopulation):

#1) Open borders policies that allow infected people to walk right across the border into the United States, with no health screening whatsoever.

#2) Sanctuary city policies that protect infected illegals from being discovered or deported.

#3) The widespread practice of **biosludge distribution onto food crops**. "Biosludge" is the raw human sewage sludge that's collected by every city in America, slightly dried to reduce water mass, then loaded onto trucks and dumped on nearby farm fields. It's sold to farmers as "free fertilizer" because it's rich in nitrogen. It also means that any coronavirus which makes its way into the sewage system will be distributed by U.S. cities onto farm fields, obviously contaminating food crops and multiplying the effects of the pandemic. (See the full documentary at Biosludged.com to learn about biosludge.)

#4) The now-legal practice in Washington State of liquefying dead human bodies and flushing them into the municipal sewage system, where they become *biosludge* to be spread on crops. This practice was just recently legalized in Washington, and it means the dead will be used to fertilize the food crops **that are fed to the living**. When people start dying from coronavirus, will they also be flushed into the sewage systems?

#5) The practice — now common in filthy liberal cities — of allowing people to openly defecate in the streets, with no repercussions or arrests. Since viruses often infect human feces and other body excretions, this likely means that coronavirus will be found in the raw human feces that

gets washed into storm drains during rain storms. The storm drains in San Francisco, Seattle and other coastal cities **empty directly into the ocean**, where viruses are then washed onto the beaches of North America, infecting beach goers and mixing with aquatic ecosystems to produce even more potentially dangerous variants of infectious disease.

#6) The continued attacks on natural medicine and the censorship of sources like Natural News that can teach people how to avoid or overcome infections *even when pharmaceutical medicines fail* (or are completely out of supply).

#7) The **compromised human immune system due to widespread vaccination practices** that actually weaken, not strengthen, the veracity of the human immune response. People who routinely receive vaccinations such as flu shots are discovered to be *more vulnerable* to future infections. Widespread immunization practices across North America, Europe, Australia and other countries have created a highly vulnerable population that can be easily infected with coronavirus.

These factors now converge to create a **perfect storm** for the coronavirus outbreak, which is actually a weaponized, engineered biological weapon being unleashed against humanity in order to achieve *depopulation*.

It will very likely succeed, since humanity has been begging for self-destruction through all the practices detailed above.

Most notably, the highest fatalities from any such pandemic will occur in cities; especially cities where the homeless are more populous and filthy, unsanitary conditions exist. In other words, **liberal cities**.

Listen to my urgent podcast for more details:

Brighteon.com/0aaf4243-1dfe-47e9-9c56-32232a96cdfc

Previous :BREAKING: Coronavirus a stealth strain that can be carried by people who show NO fever or coughing symptoms… detection almost impossible under current government guidelines
Next : VACCINE BOMBSHELL as U.N. health experts admit toxic vaccine ingredients are harming children worldwide – see v

THE NUREMBERG CODE

1. The voluntary consent of the human subject is absolutely essential.

This means that the person involved should have legal capacity to give consent; should be so situated as to be able to exercise free power of choice, without the intervention of any element of force, fraud, deceit, duress, over-reaching, or other ulterior form of constraint or coercion; and should have sufficient knowledge and comprehension of the elements of the subject matter involved, as to enable him to make an understanding and enlightened decision. This latter element requires that, before the acceptance of an affirmative decision by the experimental subject, there should be made known to him the nature, duration, and purpose of the experiment; the method and means by which it is to be conducted; all inconveniences and hazards reasonably to be expected; and the effects upon his health or person, which may possibly come from his participation in the experiment.

The duty and responsibility for ascertaining the quality of the consent rests upon each individual who initiates, directs or engages in the experiment. It is a personal duty and responsibility which may not be delegated to another with impunity.

2. The experiment should be such as to yield fruitful results for the good of society, unprocurable by other methods or means of study, and not random and unnecessary in nature.

3. The experiment should be so designed and based on the results of animal experimentation and a knowledge of the natural history of the disease or other problem under study, that the anticipated results will justify the performance of the experiment.

4. The experiment should be so conducted as to avoid all unnecessary physical and mental suffering and injury.

5. No experiment should be conducted, where there is an a priori reason to believe that death or disabling injury will occur; except, perhaps, in those experiments where the experimental physicians also serve as subjects.

6. The degree of risk to be taken should never exceed that determined by the humanitarian importance of the problem to be solved by the experiment.

7. Proper preparations should be made and adequate facilities provided to protect the experimental subject against even remote possibilities of injury, disability, or death.

8. The experiment should be conducted only by scientifically qualified persons. The highest degree of skill and care should be required through all stages of the experiment of those who conduct or engage in the experiment.

9. During the course of the experiment, the human subject should be at liberty to bring the experiment to an end, if he has reached the physical or mental state, where continuation of the experiment seemed to him to be impossible.

10. During the course of the experiment, the scientist in charge must be prepared to terminate the experiment at any stage, if he has probable cause to believe, in the exercise of the good faith, superior skill and careful judgement required of him, that a continuation of the experiment is likely to result in injury, disability, or death to the experimental subject.

["Trials of War Criminals before the Nuremberg Military Tribunals under Control Council Law No. 10", Vol. 2, pp. 181-182. Washington, D.C.: U.S. Government Printing Office, 1949.]

Supplements:

- **Vitamin D** -Take 20,000 IU per day
- **Vitamin C**- Take 1,000 mg Every Waking hour until stools become loose
- **Vitamin B1 (Thiamine)**Take 200 mg 3 times per day
- **Selenium** 200 mcg per day
- **Zinc**- Take 90-100mg per day (works best if taken with green tea or quercetin)
- **Quercetin** (take at the same time as zinc)Take 500 mg twice per day
- **NAC (N-acetyl-cysteine)**Take 1600 mg twice per day
- NOTE: *If NAC is not available then take glutathione
- **Glutathione (NOW)** 500-700 mg twice per day
- **Liposomal Glutathione** 250 mg twice per day
- **Aspirin 325 mg** (only start taking once fevers have broken)
- **Melatonin**
- Day 1 of treatment: take 10 mg
- Day 2: take 20 mg
- Day 3: take 30 mg

Then take 6-10 mg per day until all symptoms have been clear 48 hours.

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www.supremecourt.gov/opinions/12pdf/12-398_1b7d.pdf

The Vaccinated Can Be Patented (Owned)

In a court case in 2013 Pathology v Myriad Genetics, inc, in the United States the Supreme Court ruled that you cannot patent human DNA as it was "a product of nature". But at the end of the ruling the Supreme Court did rule that if you were to change a humans genome by mRNA vaccines (which are being used currently) then the genome can be patented.

This means that everyone who has had the vaccine is now technically 'patented' and something that is patented is 'owned' and will come under the definition of 'trans human'.

Those people that are legally identified as 'trans human' do not have access to Human Rights or any rights provided by the State. This is because they are not classed as 100% organic or human.

Therefore, technically anyone having this vaccine could no longer have any access to human rights. There have been a few legal papers discussing this recently, so clarification should be available on this soon.

https://www.supremecourt.gov/opinions/12pdf/12-398_1b7d.pdf

VAERS COVID Vaccine Data

(Vaccine Adverse Events Reporting System: USA)

438,440 Reports

Through July 7, 2021

check the VAERS websites to update the current data

The New VAERS Numbers Are Out Today:

438,440 Adverse Events
26,818 Hospitalizations
7,463 Disabled
3,324 Heart Attacks
2,200 Myocarditis Reactions
985 Miscarriages
9048 Deaths

April 8th, 2021: mRNA vaccines may cause your body to churn out PRIONS that "eat your brain" like Mad Cow Disease

Thursday, April 08, 2021 by: Mike Adams

Tags: badhealth, Brain, brain function, cognitive function, Collapse, coronavirus, covid-19, death wave, immunization, mad cow disease, mRNA, pandemic, Plague, prions, spike proteins, Vaccine deaths, Vaccine Holocaust, vaccine injury, vaccine zombie, vaccines, zombie wave

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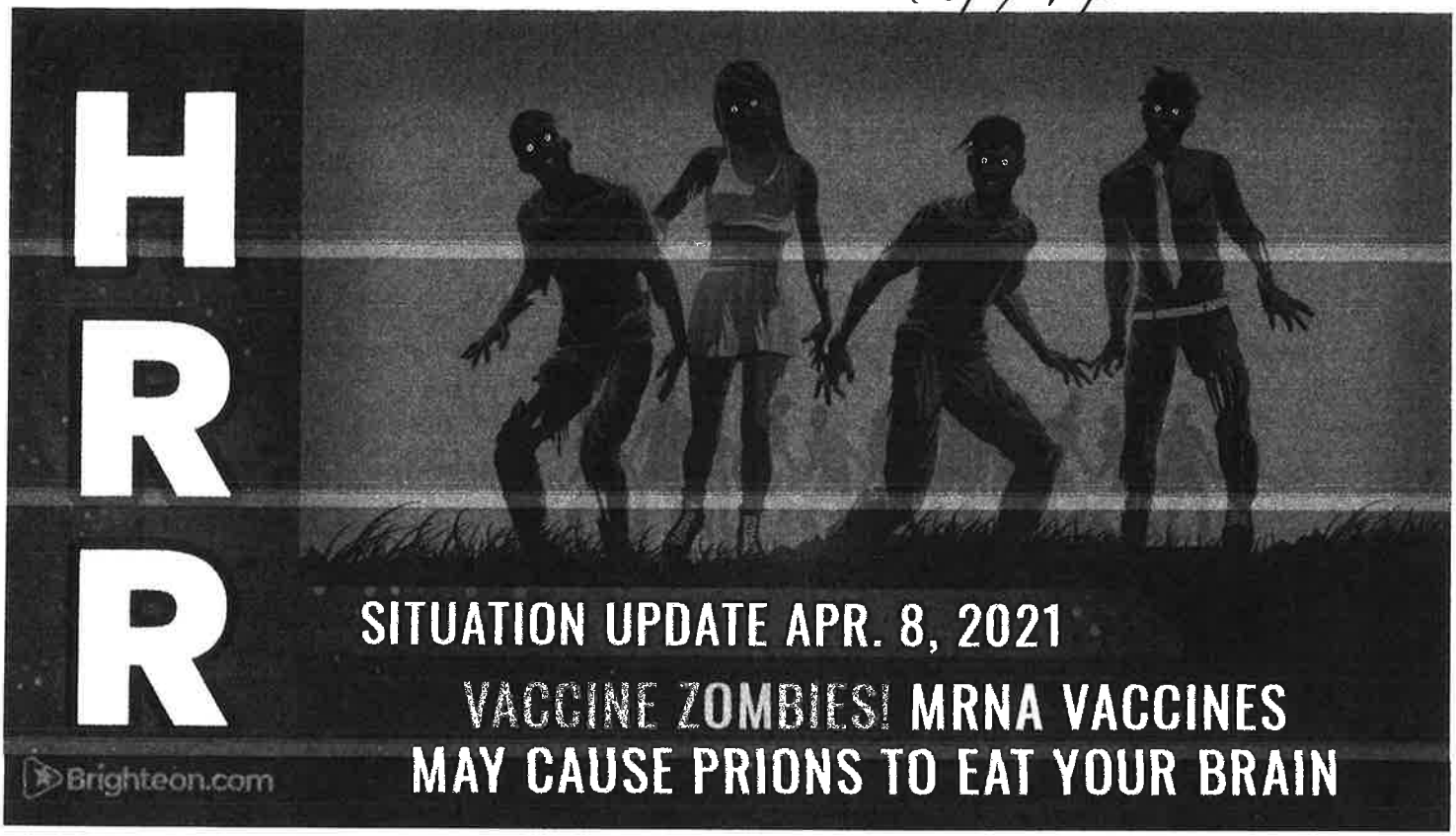

(Natural News) The spike protein outer shell of the coronavirus contains "prion-like regions" that give the virus very high adhesion to ACE2 receptors in the human body. This has been documented by a study entitled, "SARS-CoV-2 Prion-Like Domains in Spike Proteins Enable Higher Affinity to ACE2," published by the Human Microbiology Institute:

The presence and unique distribution of prion-like domains in the SARS-CoV-2 receptor-binding domains of the spike protein is particularly interesting, since although the SARS-CoV-2 and SARS-CoV S proteins share the same host cell receptor, angiotensin-converting enzyme 2 (ACE2), SARS-CoV-2 demonstrates a 10- to 20-fold higher affinity for ACE2

The mRNA vaccine works by hijacking your body's cells and causing them to churn out proteins modeled after the spike proteins in the SARS-cov-2 coronavirus. Since that structure includes prion-like regions, random errors in mRNA sequences — which may be truncated by the human immune system before they reach the ribosomes in the cells — **could cause mRNA vaccine recipients to churn out prions in their own bodies**.

The risk of this was assessed by Dr. J. Bart Classen, who authored a paper in *Microbiology & Infectious Diseases*: "Covid-19 RNA Based Vaccines and the Risk of Prion Disease." You can see the text of the study at this link.

That study concludes, "The results indicate that the vaccine RNA has specific sequences that may induce TDP-43 and FUS to fold into their pathologic prion confirmations."

It also explains:

The folding of TDP-43 and FUS into their pathologic prion confirmations is known to cause ALS, front temporal lobar degeneration, Alzheimer's disease and other neurological degenerative diseases.

The Mayo Clinic says CJD, the disease caused by prions, is **100% fatal and has no treatment**. Some of the symptoms of CJD (prion disease) described by the Mayo Clinic include:

- Stroke-like symptoms
- Difficulty speaking
- Confusion
- Odd movements

Other symptoms include emotional changes, a sharp loss of cognitive function and seeming personality changes. It all ends in death. Once the prion symptoms are evident, it's already too late. There is no treatment and no reversal possible.

mRNA vaccines may unleash a wave of "zombie" prion disease deaths, known as "Mad Cow Disease" in humans (CJD)

Because of the mechanisms revealed above, there is a possibility that mRNA vaccines might unleash a wave of neurological disease over the next several years. Victims of this prion disease would appear to have rapid-onset Alzheimer's, dementia or cognitive decline. This condition could affect millions or even tens of millions of people in the United States alone. This wave of prion disease would, in a way, transform people into "zombies" as the prions "eat their brains." (For a full discussion of prion protein folding, listen to the full podcast below. Prions don't actually "eat" brains, but they destroy brain cells in a morphological way.)

The entire fake news media insists this is impossible. They say prions can't be created by mRNA vaccines. Then again, these are the same dangerously false, misleading and deliberately dishonest media outlets that currently claim the coronavirus wasn't engineered in a Chinese lab, and they simultaneously (and falsely) claim no one has died from covid-19 vaccines. Therefore, the fake news media has zero credibility and is known to lie to cover up the crimes and product safety faults of the vaccine industry. The fact that corporate-run propaganda media outlets claim mRNA vaccines can't cause prions probably means *they can*.

CNBC is already reporting that 1 in 3 covid "survivors" now has a mental disorder. Are these post-vaccine people? Or is this more to do with the depression caused by lockdowns? Some of the mental outcomes already documented include dementia and anxiety disorders.

A mysterious brain-wasting disease has also been documented in Canada, demonstrating prion-like symptoms such as, "memory loss, hallucinations and muscle atrophy." Doctors there have ruled out CJD, however, but haven't yet found the cause.

Today's podcast discusses the "vaccine zombie" phenomenon in more detail. I wrote the song, 'Vaccine Zombie' over ten years ago. Here's the music video for that song. If you listen to the lyrics, it's all 100% true today, more than a decade after it was written:

Brighteon.com/e6c842d1-0388-4dc0-8fd9-c84f23f735c2

Here's the full Situation Update podcast for today:

Brighteon.com/a38639ee-56c1-4d2d-8bcd-868ef7b7ff79

Find a new podcast each day at:

https://www.brighteon.com/channels/hrreport

the great worldwide BABY BOOM. It was the culmination of all man's efforts to survive through history. It was modern medicine, better diets, heat in winter, pure running water, and proper disposal of sewage. It was the point in history when the birth rate so exceeded the death rate that the world's population doubled between 1957 and 1990. It was the most wonderful time in the history of the world, but it was also the worst. It signaled the end of man's most precious achievement. An alliance of all of the powers on earth, open and hidden, decided that individual freedoms could no longer be tolerated in the interest of the preservation of the human race. They believed the common man could not be trusted.

What had been the unfulfilled dream of many individual groups became reality by the concentration of power in the alliance known as the Bilderberg Group. What had been impossible before was now promised. The New World Order that so many had envisioned was now a certainty.

The first study was made during World War II to determine the impact of the returning soldiers upon the economy. The results mobilized the ruling elite. A second secret study was conducted in 1957 by scientists meeting in Huntsville, Alabama. It confirmed the results of the first. The conclusion was that civilization as we know it would collapse shortly after the year 2000 unless the population was seriously curtailed. The study expressed a concern that since atomic weapons existed they would ultimately be used. Total worldwide disarmament was urged. Congress adopted the disarmament plan and created the U.S. Disarmament Agency. President Dwight David Eisenhower had this to say in 1957: "As a result of lowered infant mortality, longer lives, and the accelerating conquest of famine there is under way a population explosion so incredibly great that in little more than another generation the population of the world is expected to double."

A third study was made by the Club of Rome ending in 1968 to determine the limits to growth. The result was the same. The Club of Rome was commissioned to develop a computer model of the world so as to predict the outcome of corrections made to social and economic structures by the elect. The Club of Rome was also asked to develop a computer model of a New World Order. Both tasks were accomplished.

Studies were done to determine a method to arrest the population explosion before the point of no return would be reached. It was determined that an immediate attack on the problem would involve two points of intervention. The first was to lower the birth rate and the second was to increase the death rate.

To lower the birth rate several programs were put into motion. The first was the development of positive birth-control methods using

mechanical (diaphragm and condom), chemical (foam and birth-control pills), and medical (sterilization, abortion, and hysterectomy) procedures. These were developed and implemented. The Women's Liberation movement was started with the demand for free abortions, using "pro choice" as its rallying cry. Homosexuality was encouraged and Gay Liberation was born. Homosexuals do not have children. Zero population growth became a hot subject at cocktail parties. Individual freedom, "the heat of the moment," religion, and the old blue laws sabotaged these efforts, and while zero population growth became a reality in some areas, population increased rapidly in others.

The only alternative left to the world's ruling elite was to increase the death rate. This was a difficult thing to do, as no one wanted to pick people out of a crowd and line them up for execution. Neither did they relish the possible consequences of an enraged public upon discovering that they were being systematically murdered. Of course, a very short but very deadly global war using nuclear weapons upon select population concentrations was contemplated and, to tell you the truth, was not ruled out. The fact that such a population control was even contemplated confirmed the worst fears of those who had participated in the 1957 study. War was put on the back burner to simmer, but may become a reality. In the meantime something else had to be done that would absolve the decision makers of guilt and place the blame on those who did not lead clean lives. Something that could be blamed upon Mother Nature. What was needed was the bubonic plague or some other horrible but natural disease. The answer came from Rome.

Several Top Secret recommendations were made by Dr. Aurelio Peccei of the Club of Rome. He advocated that a plague be introduced that would have the same effect as the famous Black Death of history. The chief recommendation was to develop a microbe which would attack the auto-immune system and thus render the development of a vaccine impossible. The orders were given to develop the microbe and to develop a prophylactic and a cure. The microbe would be used against the general population and would be introduced by vaccine. The prophylactic was to be used by the ruling elite. The cure will be administered to the survivors when it is decided that enough people have died. The cure will be announced as newly developed when in fact it has existed from the beginning. This plan is a part of Global 2000. The prophylactic and the cure are suppressed.

"Man has skyrocketed from a defensive position, largely subordinated to Nature's alternatives, to a new and dominant one. From it he not only can and does influence everything in the world but, voluntarily or unwittingly, can and indeed does determine the alternatives of his own future —

and ultimately must choose his options for it. In other words, his novel power condition practically compels him to take up new regulatory functions that willy-nilly he has had to discharge with respect to the world's mixed natural-human systems. Having penetrated a number of the erstwhile mysteries and being able to sway events massively, he is now vested with unprecedented, tremendous responsibilities and thrown into the new role of moderator of life on the planet — including his own." The above words were written by Dr. Aurelio Peccei and are taken verbatim from page 607 of *The Global 2000 Report* to the President.

Funding was obtained from the U.S. Congress under H.B. 15090 (1969), where $10 million was given to the DOD's 1970 budget. Testimony before the Senate Committee revealed that they intended to produce "a synthetic biological agent, an agent that does not naturally exist and for which no natural immunity could have been acquired. Within the next 5 to 10 years it would probably be possible to make a new infective microorganism which could differ in certain important aspects from any known disease-causing organisms. Most important of these is that it might be refractory to the immunological and therapeutic processes upon which we depend to maintain our relative freedom from infectious disease."

Sir Julian Huxley said, "Overpopulation is, in my opinion, the most serious threat to the whole future of our species." The project, called MK-NAOMI, was carried out at Fort Detrick, Maryland.

Since large populations were to be decimated, the ruling elite decided to target the "undesirable" elements of society. Specifically targeted were the black, Hispanic, and homosexual populations. The poor homosexuals were encouraged on the one hand and scheduled for extinction on the other.

The African continent was infected via smallpox vaccine in 1977. The vaccine was administered by the World Health Organization. According to Dr. Robert Strecker, "Without a cure the entire black population of Africa will be dead within 15 years. Some countries are well beyond epidemic status."

The U.S. population was infected in 1978 with the hepatitis B vaccine. Dr. Wolf Szmuness, the ex-roommate of Pope John Paul II, was the master-mind behind the November/78 to October/79 and March/80 to October/81 experimental hepatitis B vaccine trials conducted by the Centers for Disease Control in New York, San Francisco and four other American cities. He loosed the plague of AIDS upon the American people. The gay population was infected. The ads for participants specifically asked for promiscuous homosexual male volunteers. Whatever causes AIDS was in the vaccine. The vaccine was manufactured and bottled in Phoenix, Arizona.

The order was given by the POLICY COMMITTEE of THE BILDERBERG GROUP based in Switzerland. Other measures were also ordered.

The one you will be able to check the easiest is the Haig-Kissinger Depopulation Policy, which is administered by the State Department. This policy dictates that Third World nations take positive and effective steps to decrease their populations and hold them in check or they get no aid from the United States. If the Third World nations refuse, civil war usually breaks out and the rebels are usually found to be trained, armed, and financed by the Central Intelligence Agency. That is why many more civilians (especially young fertile females) than soldiers have been killed in El Salvador, Nicaragua, and other places. These wars have been instigated in Catholic countries by Jesuits (see Chapter 2).

The Haig-Kissinger depopulation policy has taken over various levels of government and is in fact determining U.S. foreign policy. The planning organization operates outside the White House and directs its entire efforts to reduce the world's population by 2 billion people through war, famine, disease, and any other means necessary. This group is the National Security Council's Ad Hoc Group on Population Policy. The policy planning staff is in the State Department's Office of Population Affairs, established in 1975 by Henry Kissinger. This same group drafted the Global 2000 Report to the President that was given to Carter.

Thomas Ferguson, the Latin American case officer for the State Department's Office of Population Affairs (OPA) made the following statements: "There is a single theme behind all our work; we must reduce population levels. Either they do it our way, through nice clean methods or they will get the kind of mess that we have in El Salvador, or in Iran, or in Beirut. Population is a political problem. Once population is out of control it requires authoritarian government, even fascism, to reduce it....The professionals," stated Ferguson, "aren't interested in lowering population for humanitarian reasons. That sounds nice. We look at resources and environmental constraints. We look at our strategic needs, and we say that this country must lower its population, or else we will have trouble. So steps are taken. El Salvador is an example where our failure to lower population by simple means has created the basis for a national security crisis. The government of El Salvador failed to use our programs to lower their population. Now they get a civil war because of it. There will be dislocation and food shortages. They still have too many people there. Civil wars are somewhat drawn-out ways to reduce population. The quickest way to reduce population is through famine, like in Africa or through DISEASE, like the Black Death, all of which MIGHT OCCUR in El Salvador." His budget for FY 1980 was $190 million; for FY 1981 it was

$220 million. The Global 2000 Report calls for doubling that figure.

Henry Kissinger created this group after discussion with leaders of the Club of Rome during the 1974 population conferences in Bucharest and Rome. The Club of Rome is controlled by Europe's Black Nobility. Alexander Haig is a firm believer in population control. It was Haig that backed Kissinger and pushed the OPA into action.

Ferguson said, "We will go into a country and say, here is your goddamn development plan. Throw it out the window. Start looking at the size of your population and figure out what must be done to reduce it. If you don't like that, if you don't want to choose to do it through planning, then you'll have an El Salvador or an Iran, or worse, a Cambodia."

The real reason the Shah of Iran was overthrown was that his best efforts to institute "clean programs" of birth control failed to make a significant dent in the country's birth rate. The promise of jobs, through an ambitious industrialization program, encouraged migration toward overcrowded cities like Teheran. Under Ayatollah Khomeini, the clean programs have been dismantled. The government may make progress because it has a program "to induce up to half of Teheran's 6 million residents to relocate. Iran's war with Iraq really pleased the OPA." Now you know about the Shah and now you know part of the reason we have troops in the Middle East. Marcos fell victim to the same policy.

Daniel B. Luten had this to say: "...an organization cannot have a conservation policy without having a population policy....the sanity test — in which the candidate, confronted with an overflowing sink, is classified according to whether he reaches for the mop or the faucet."

Thousands of people, mostly civilians, are killed in El Salvador's civil war each year. "To accomplish what the State Department deems adequate 'population control,' the civil war would have to be greatly expanded," according to Thomas Ferguson, the Latin American case officer for the OPA.

El Salvador was targeted for population control and war in an April 1980 population report published by the National Security Council. "El Salvador is an example of a country with serious population and political problems," the report states. "Rapid population growth — the birth rate has remained unchanged in recent years — aggravates its population density, which is already the highest on mainland Latin America. While a population program exists on paper, it has not been pursued with a strong commitment, and contraceptives remain unavailable." The population program "really did not work," OPA's Ferguson said. "The infrastructure was not there to support it. There were just too many goddamn people. If you want to control a country, you have to keep the population down. Too

many people breed social unrest and communism."

"Something had to be done," the OPA official said. The birth rate is 3.3 percent — one of the highest in the world. Its population, he complained, will double in 21 years. "The civil war can help things, but it would have to be greatly expanded."

In making sure that the population falls in El Salvador, Ferguson said, the OPA has learned a lot from its experiences in Vietnam. "We studied the thing. That area was also overpopulated and a problem. We thought that the war would lower population and we were wrong." Now you know what we were really doing in Vietnam and why we were not allowed to win. According to Ferguson, the population in Vietnam increased during the war, despite U.S. use of defoliation and a combat strategy that encouraged civilian casualties. Now you know why those of us in the know consider Lt. Calley to be a scapegoat.

To reduce population "quickly," said Ferguson "you have to pull all the males into the fighting and kill significant numbers of fertile, childbearing age females." He criticized the current civil war in El Salvador: "You are killing a small number of males and not enough fertile females to do the job on the population. If the war went on 30 to 40 years like this, then you might accomplish something. Unfortunately, we don't have too many instances like that to study."

To aid you in your research of this travesty, the names of the significant reports are *THE POPULATION BOMB* by DR. PAUL R. EHRLICH (his wife Anne is a member of the Club of Rome), *THE GLOBAL 2000 REPORT TO THE PRESIDENT*, and *THE LIMITS TO GROWTH, A REPORT FOR THE CLUB OF ROME'S PROJECT ON THE PREDICAMENT OF MANKIND.*

In April 1968 the study began publicly in the Academia dei Lincei in Rome, Italy. The study had been ongoing in secret ever since the initial findings of the Huntsville meeting of 1957. They met at the instigation of Dr. Aurelio Peccei. The first real public indication of their findings and the solution that had been decided upon was publication of the book *The Population Bomb* in May 1968. Notice how close the dates are. On page 17 of *The Population Bomb*, a telling paragraph reveals all there is to know.

"In summary, the world's population will continue to grow as long as the birth rate exceeds the death rate; it's as simple as that. When it stops growing or starts to shrink, it will mean that either the birth rate has gone down or the death rate has gone up or a combination of the two. Basically, then, there are only two kinds of solutions to the population problem. One is a 'birth rate solution,' in which we find ways to lower the birth rate. The other is a 'death rate solution,' in which ways to raise the death rate — war, famine, pestilence — find us. The problem could have been avoided by

population control, in which mankind consciously adjusted the birth rate so that a 'death rate solution' did not have to occur."

The recommendations of the results of the study were made by Dr. Aurelio Peccei, who pledged not to use the prophylactic and not to take the cure should the microbe be developed and should he contract the disease. Dr. Peccei was considered a hero for deciding to take the same risk as the general population. The public results of the study were published in 1968 and again in 1972. The MIT project team members that developed the computer model study are listed below:

Dr. Dennis L. Meadows, director, United States
Dr. Alison A. Anderson, United States (pollution)
Dr. Jay M. Anderson, United States (pollution)
Ilyas Bayar, Turkey (agriculture)
William W. Behrens III, United States (resources)
Farhad Hakimzadeh, Iran (population)
Dr. Steffen Harbordt, Germany (sociopolitical trends)
Judith A. Machen, United States (administration)
Dr. Donella H. Meadows, United States (population)
Peter Milling, Germany (capital)
Nirmala S. Murthy, India (population)
Roger F. Naill, United States (resources)
Jorgen Randers, Norway (population)
Stephen Shantzis, United States (agriculture)
John A. Seeger, United States (administration)
Marilyn Williams, United States (documentation)
Dr. Erich K. O. Zahn, Germany (agriculture)

When the study was completed in 1969 U.N. Secretary General U Thant of the United Nations made this statement:

"I do not wish to seem overdramatic, but I can only conclude from the information that is available to me as Secretary General, that the Members of the United Nations have perhaps ten years left in which to subordinate their ancient quarrels and launch a global partnership to curb the arms race, to defuse the population explosion, and to supply the required momentum to development efforts. If such a global partnership is not forged within the next decade, then I very much fear that the problems I have mentioned will have reached such staggering proportions that they will be beyond our capacity to control."

MK-NAOMI was developed by the Special Operations Division (SOD) scientists at Ft. Detrick, Maryland under the supervision of the CIA.

A reference to the project MK-NAOMI can be found in *The Intelligence Community* by Fain et al., Bowker, 1977.

Lt. Col. James "Bo" Gritz was a member of the Special Operations Division of the Department of Defense, the commander of U.S. Special Forces in Latin America, the principle agent for the National Security Council's supersecret Intelligence Support Activity (ISA), which hatched the illegal groups known as Yellow Fruit and Seaspray, and the Congressional Relations Chief for the Pentagon. Lt. Col. Gritz *claims* he didn't know of any illegalities in the military or in government until he was *told* by a drug lord in a Third World nation. I'm sorry, but I am not that easily duped. I recommend that we support his efforts as long as his efforts help us. I also recommend that we watch him very carefully. There is a slim chance that Gritz is legitimate, but I would not put my life in his hands.

Lowell Sumner expressed his view: "As a biologist the human population explosion, and its declining spiral of natural resources, is to me the greatest threat of all. The time is ripe, even dangerously overripe, as far as the population control problem is concerned. We shall have to face up or ultimately perish, and what a dreary, stupid, unlovely way to perish, on a ruined globe stripped of its primeval beauty."

Many other population controls have been promulgated. The reduction of the world's population to workable levels has been virtually assured. It is only a matter of time. The problem will be to curtail further human reproduction beyond approved levels. To handle that problem the New World Order will adopt the Communist Chinese model of population control. It is the only population-control program that has ever worked. The old and infirm have been periodically murdered and couples are forbidden to have more than one child. Penalties are so severe that families in China with two children are extremely rare. Three-children families are nonexistent. A surprising byproduct is that Chinese children as a group are treated better than any other national grouping of children in the world, including the United States.

Tobacco fields in the U.S. have been fertilized with the radioactive tailings from uranium mines, resulting in a tremendous increase in the incidence of lip, mouth, throat, and lung cancer. If you do not believe it, just look at the incidence of lung cancer per capita before 1950 and compare it to the lung cancer per capita at the present time. Are those who smoke committing suicide, or are they being murdered?

Malathion, a nerve gas developed by the Nazis during World War II to kill people, is being sprayed heavily on population centers in California. The excuse used is that it will kill the Mediterranean fruit fly. The tipoff is that the orchards are not being sprayed, only people. The helicopters come

from Evergreen in Arizona, a known government and a suspected CIA base. The pilots are contract pilots furnished by Evergreen. Evergreen has been named as one of the bases where drugs are flown in from Central America. The City of Pasadena passed a law making it illegal to spray malathion within the city limits. The law was ignored and the city took no action. When the people of California literally revolted against the spraying of malathion, the Governor of California stated that he did not have the power to stop the operation. What higher power is there that could prevent a governor of a state from halting the spraying of an insecticide? A warning was issued to cover up automobiles and belongings because malathion could destroy paint, some plastics, and other property. People, they said, would not be injured. It is a lie.

Heart disease used to be a very rare illness. Now it is epidemic. Go and look at the statistics. I do not know what is causing this, but 80 years ago people consumed more salt, fat, cholesterol, and everything else that heart disease is blamed upon, but the disease was rare. Why is it now one of the leading killers?

In the state of Colorado and elsewhere dioxin is turning up in the drinking water in alarming levels. It should not be present in any amount. Where is it coming from? Dioxin is one of the deadliest chemicals known to man. Colorado citizens attempting to do battle against the dioxin contamination are met with closed doors, denial, and attacks upon their characters.

We have watched the news in horror as story after story unfolded revealing that the Army and the CIA had released germs and viruses into the population to test their biological warfare capability. In light of what you have learned in this chapter you should now know that it was really to reduce population.

It is a matter of public record that investigations into cover-ups of radioactive leaks into the atmosphere and into ground water have revealed that some leaks were not accidental but were purposful. Some areas of the country now have such a high rate of cancer that virtually everyone who lives in these areas will die other than a natural death. The true extent of radioactive gases, waste, and toxic material, especially cesium-137, strontium-90, uranium-mine and -mill tailings, thorium-230, radium-226, and radon-222 that has leaked or has been purposely planted in the atmosphere, soil, and ground water is far beyond anything you or I can imagine. Every investigation has revealed that the true figures regarding radioactive leakage are much larger than official figures and the real numbers may never be known. Cover-up has become SOP (standard operating procedure) at all levels and in all departments of government. Do we dream

reality or is reality a dream?

According to Dr. Eva Snead, the San Francisco Bay area has one of the highest cancer rates in the world. The San Francisco Bay area has been revealed as one of the primary test locations of the Central Intelligence Agency's biological and chemical programs. You may recall that Legionnaire's disease was an experimental bacteria released into the wind on the San Francisco Bay from a government-operated boat. San Francisco is also one of the six known inoculation sites for the CIA Project MK-NAOMI (AIDS). The Bay area was headquarters for Dr. Timothy Leary, who introduced the drug culture to American youth under CIA Project MK-ULTRA.

It is suspected that the San Francisco Bay area was also subjected to large doses of radiation to test the effects upon a population over a prolonged period of time. Why do they hate San Francisco? The answer is that the largest homosexual population in America lives in San Francisco and they have been targeted for extermination.

A reason for the New World Order, or rationalization, as the case may be, is the very real possibility that some terrorist will set off a global nuclear war by detonating an atomic bomb to make a political point. I believe that it is safe to say that any large-scale exchange of atomic or hydrogen weapons will result in the complete destruction of civilization, and could precipitate the escalation of the onslaught of an ice age. The obvious conclusion would be that any kind of compromise leading to coexistence is better than any kind of nuclear exchange. In other words, "better Red than dead." This is exactly what the hierarchy has decided, only the New World Order will not be Red. It will be fascist. It will, in fact, be a socialist totalitarian state.

It is hoped that a natural metamorphosis will eventually occur. The Illuminati hope that it will result in a paradigm shift of the evolutionary consciousness of man. This could cause the formation of a state where no government is needed, where anarchy is not to be feared. They dream that the end result will be the world that Christ taught but that the Christian religion prevents. It is ironic that the Illuminati actually believe that this can evolve from a plan built upon such suffering. Christ suffered, if the New Testament is true, to bring about his world; and if he suffered maybe it is necessary that we also suffer. I am not wise enough to know the answer.

I managed to locate a reference to *The Protocols of Sion* dated in the 1700s (see Chapter 15, page 269). This plan for subjugation of the world correctly outlined exactly what has happened since the Protocols were discovered, and that is all that is needed to confirm the authenticity of the information contained within the document. It is clear that the Illuminati

Syllabus

NOTE: Where it is feasible, a syllabus (headnote) will be released, as is being done in connection with this case, at the time the opinion is issued. The syllabus constitutes no part of the opinion of the Court but has been prepared by the Reporter of Decisions for the convenience of the reader. See *United States* v. *Detroit Timber & Lumber Co.*, 200 U. S. 321, 337.

SUPREME COURT OF THE UNITED STATES

Syllabus

ASSOCIATION FOR MOLECULAR PATHOLOGY ET AL. *v.* MYRIAD GENETICS, INC., ET AL.

CERTIORARI TO THE UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT

No. 12–398. Argued April 15, 2013—Decided June 13, 2013

Each human gene is encoded as deoxyribonucleic acid (DNA), which takes the shape of a "double helix." Each "cross-bar" in that helix consists of two chemically joined nucleotides. Sequences of DNA nucleotides contain the information necessary to create strings of amino acids used to build proteins in the body. The nucleotides that code for amino acids are "exons," and those that do not are "introns." Scientists can extract DNA from cells to isolate specific segments for study. They can also synthetically create exons-only strands of nucleotides known as complementary DNA (cDNA). cDNA contains only the exons that occur in DNA, omitting the intervening introns.

Respondent Myriad Genetics, Inc. (Myriad), obtained several patents after discovering the precise location and sequence of the BRCA1 and BRCA2 genes, mutations of which can dramatically increase the risk of breast and ovarian cancer. This knowledge allowed Myriad to determine the genes' typical nucleotide sequence, which, in turn, enabled it to develop medical tests useful for detecting mutations in these genes in a particular patient to assess the patient's cancer risk. If valid, Myriad's patents would give it the exclusive right to isolate an individual's BRCA1 and BRCA2 genes, and would give Myriad the exclusive right to synthetically create BRCA cDNA. Petitioners filed suit, seeking a declaration that Myriad's patents are invalid under 35 U. S. C. §101. As relevant here, the District Court granted summary judgment to petitioners, concluding that Myriad's claims were invalid because they covered products of nature. The Federal Circuit initially reversed, but on remand in light of *Mayo Collaborative Services* v. *Prometheus Laboratories, Inc.*, 566 U. S. ___, the Circuit found both isolated DNA and cDNA patent eligible.

Syllabus

Held: A naturally occurring DNA segment is a product of nature and not patent eligible merely because it has been isolated, but cDNA is patent eligible because it is not naturally occurring. Pp. 10–18.

(a) The Patent Act permits patents to be issued to "[w]hoever invents or discovers any new and useful . . . composition of matter," §101, but "laws of nature, natural phenomena, and abstract ideas" "'are basic tools of scientific and technological work'" that lie beyond the domain of patent protection, *Mayo, supra,* at ___. The rule against patents on naturally occurring things has limits, however. Patent protection strikes a delicate balance between creating "incentives that lead to creation, invention, and discovery" and "imped[ing] the flow of information that might permit, indeed spur, invention." *Id.,* at ___. This standard is used to determine whether Myriad's patents claim a "new and useful . . . composition of matter," §101, or claim naturally occurring phenomena. Pp. 10–11.

(b) Myriad's DNA claim falls within the law of nature exception. Myriad's principal contribution was uncovering the precise location and genetic sequence of the BRCA1 and BRCA2 genes. *Diamond* v. *Chakrabarty*, 447 U. S. 303, is central to the patent-eligibility inquiry whether such action was new "with markedly different characteristics from any found in nature," *id.,* at 310. Myriad did not create or alter either the genetic information encoded in the BCRA1 and BCRA2 genes or the genetic structure of the DNA. It found an important and useful gene, but groundbreaking, innovative, or even brilliant discovery does not by itself satisfy the §101 inquiry. See *Funk Brothers Seed Co.* v. *Kalo Inoculant Co.*, 333 U. S. 127. Finding the location of the BRCA1 and BRCA2 genes does not render the genes patent eligible "new . . . composition[s] of matter," §101. Myriad's patent descriptions highlight the problem with its claims: They detail the extensive process of discovery, but extensive effort alone is insufficient to satisfy §101's demands. Myriad's claims are not saved by the fact that isolating DNA from the human genome severs the chemical bonds that bind gene molecules together. The claims are not expressed in terms of chemical composition, nor do they rely on the chemical changes resulting from the isolation of a particular DNA section. Instead, they focus on the genetic information encoded in the BRCA1 and BRCA2 genes. Finally, Myriad argues that the Patent and Trademark Office's past practice of awarding gene patents is entitled to deference, citing *J. E. M. Ag Supply, Inc.* v. *Pioneer Hi-Bred Int'l, Inc.*, 534 U. S. 124, a case where Congress had endorsed a PTO practice in subsequent legislation. There has been no such endorsement here, and the United States argued in the Federal Circuit and in this Court that isolated DNA was not patent eligible under §101. Pp. 12–16.

Syllabus

(c) cDNA is not a "product of nature," so it is patent eligible under §101. cDNA does not present the same obstacles to patentability as naturally occurring, isolated DNA segments. Its creation results in an exons-only molecule, which is not naturally occurring. Its order of the exons may be dictated by nature, but the lab technician unquestionably creates something new when introns are removed from a DNA sequence to make cDNA. Pp. 16–17.

(d) This case, it is important to note, does not involve method claims, patents on new applications of knowledge about the BRCA1 and BRCA2 genes, or the patentability of DNA in which the order of the naturally occurring nucleotides has been altered. Pp. 17–18.

689 F. 3d 1303, affirmed in part and reversed in part.

THOMAS, J., delivered the opinion of the Court, in which ROBERTS, C. J., and KENNEDY, GINSBURG, BREYER, ALITO, SOTOMAYOR, and KAGAN, JJ., joined, and in which SCALIA, J., joined in part. SCALIA, J., filed an opinion concurring in part and concurring in the judgment.

SUPREME COURT OF THE UNITED STATES

No. 12–398

ASSOCIATION FOR MOLECULAR PATHOLOGY, ET AL., PETITIONERS *v.* MYRIAD GENETICS, INC., ET AL.

ON WRIT OF CERTIORARI TO THE UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT

[June 13, 2013]

JUSTICE THOMAS delivered the opinion of the Court.

Respondent Myriad Genetics, Inc. (Myriad), discovered the precise location and sequence of two human genes, mutations of which can substantially increase the risks of breast and ovarian cancer. Myriad obtained a number of patents based upon its discovery. This case involves claims from three of them and requires us to resolve whether a naturally occurring segment of deoxyribonucleic acid (DNA) is patent eligible under 35 U. S. C. §101 by virtue of its isolation from the rest of the human genome. We also address the patent eligibility of synthetically created DNA known as complementary DNA (cDNA), which contains the same protein-coding information found in a segment of natural DNA but omits portions within the DNA segment that do not code for proteins. For the reasons that follow, we hold that a naturally occurring DNA segment is a product of nature and not patent eligible merely because it has been isolated, but that cDNA is patent eligible because it is not naturally occurring. We, therefore, affirm in part and reverse in part the decision of

the United States Court of Appeals for the Federal Circuit.

I

A

Genes form the basis for hereditary traits in living organisms. See generally *Association for Molecular Pathology* v. *United States Patent and Trademark Office*, 702 F. Supp. 2d 181, 192–211 (SDNY 2010). The human genome consists of approximately 22,000 genes packed into 23 pairs of chromosomes. Each gene is encoded as DNA, which takes the shape of the familiar "double helix" that Doctors James Watson and Francis Crick first described in 1953. Each "cross-bar" in the DNA helix consists of two chemically joined nucleotides. The possible nucleotides are adenine (A), thymine (T), cytosine (C), and guanine (G), each of which binds naturally with another nucleotide: A pairs with T; C pairs with G. The nucleotide cross-bars are chemically connected to a sugar-phosphate backbone that forms the outside framework of the DNA helix. Sequences of DNA nucleotides contain the information necessary to create strings of amino acids, which in turn are used in the body to build proteins. Only some DNA nucleotides, however, code for amino acids; these nucleotides are known as "exons." Nucleotides that do not code for amino acids, in contrast, are known as "introns."

Creation of proteins from DNA involves two principal steps, known as transcription and translation. In transcription, the bonds between DNA nucleotides separate, and the DNA helix unwinds into two single strands. A single strand is used as a template to create a complementary ribonucleic acid (RNA) strand. The nucleotides on the DNA strand pair naturally with their counterparts, with the exception that RNA uses the nucleotide base uracil (U) instead of thymine (T). Transcription results in a single strand RNA molecule, known as pre-RNA, whose nucleotides form an inverse image of the DNA strand from which

it was created. Pre-RNA still contains nucleotides corresponding to both the exons and introns in the DNA molecule. The pre-RNA is then naturally "spliced" by the physical removal of the introns. The resulting product is a strand of RNA that contains nucleotides corresponding only to the exons from the original DNA strand. The exons-only strand is known as messenger RNA (mRNA), which creates amino acids through translation. In translation, cellular structures known as ribosomes read each set of three nucleotides, known as codons, in the mRNA. Each codon either tells the ribosomes which of the 20 possible amino acids to synthesize or provides a stop signal that ends amino acid production.

DNA's informational sequences and the processes that create mRNA, amino acids, and proteins occur naturally within cells. Scientists can, however, extract DNA from cells using well known laboratory methods. These methods allow scientists to isolate specific segments of DNA—for instance, a particular gene or part of a gene—which can then be further studied, manipulated, or used. It is also possible to create DNA synthetically through processes similarly well known in the field of genetics. One such method begins with an mRNA molecule and uses the natural bonding properties of nucleotides to create a new, synthetic DNA molecule. The result is the inverse of the mRNA's inverse image of the original DNA, with one important distinction: Because the natural creation of mRNA involves splicing that removes introns, the synthetic DNA created from mRNA also contains only the exon sequences. This synthetic DNA created in the laboratory from mRNA is known as complementary DNA (cDNA).

Changes in the genetic sequence are called mutations. Mutations can be as small as the alteration of a single nucleotide—a change affecting only one letter in the genetic code. Such small-scale changes can produce an entirely different amino acid or can end protein production alto-

gether. Large changes, involving the deletion, rearrangement, or duplication of hundreds or even millions of nucleotides, can result in the elimination, misplacement, or duplication of entire genes. Some mutations are harmless, but others can cause disease or increase the risk of disease. As a result, the study of genetics can lead to valuable medical breakthroughs.

B

This case involves patents filed by Myriad after it made one such medical breakthrough. Myriad discovered the precise location and sequence of what are now known as the BRCA1 and BRCA2 genes. Mutations in these genes can dramatically increase an individual's risk of developing breast and ovarian cancer. The average American woman has a 12- to 13-percent risk of developing breast cancer, but for women with certain genetic mutations, the risk can range between 50 and 80 percent for breast cancer and between 20 and 50 percent for ovarian cancer. Before Myriad's discovery of the BRCA1 and BRCA2 genes, scientists knew that heredity played a role in establishing a woman's risk of developing breast and ovarian cancer, but they did not know which genes were associated with those cancers.

Myriad identified the exact location of the BRCA1 and BRCA2 genes on chromosomes 17 and 13. Chromosome 17 has approximately 80 million nucleotides, and chromosome 13 has approximately 114 million. *Association for Molecular Pathology* v. *United States Patent and Trademark Office*, 689 F. 3d 1303, 1328 (CA Fed. 2012). Within those chromosomes, the BRCA1 and BRCA2 genes are each about 80,000 nucleotides long. If just exons are counted, the BRCA1 gene is only about 5,500 nucleotides long; for the BRCA2 gene, that number is about 10,200. *Ibid.* Knowledge of the location of the BRCA1 and BRCA2 genes allowed Myriad to determine their typical nucleotide

sequence.[1] That information, in turn, enabled Myriad to develop medical tests that are useful for detecting mutations in a patient's BRCA1 and BRCA2 genes and thereby assessing whether the patient has an increased risk of cancer.

Once it found the location and sequence of the BRCA1 and BRCA2 genes, Myriad sought and obtained a number of patents. Nine composition claims from three of those patents are at issue in this case.[2] See *id.*, at 1309, and n. 1 (noting composition claims). Claims 1, 2, 5, and 6 from the '282 patent are representative. The first claim asserts a patent on "[a]n isolated DNA coding for a BRCA1 polypeptide," which has "the amino acid sequence set forth in SEQ ID NO:2." App. 822. SEQ ID NO:2 sets forth a list of 1,863 amino acids that the typical BRCA1 gene encodes. See *id.*, at 785–790. Put differently, claim 1 asserts a patent claim on the DNA code that tells a cell to produce the string of BRCA1 amino acids listed in SEQ ID NO:2.

Claim 2 of the '282 patent operates similarly. It claims "[t]he isolated DNA of claim 1, wherein said DNA has the nucleotide sequence set forth in SEQ ID NO:1." *Id.*, at 822. Like SEQ ID NO:2, SEQ ID NO:1 sets forth a long list of data, in this instance the sequence of cDNA that codes for the BRCA1 amino acids listed in claim 1. Importantly, SEQ ID NO:1 lists only the cDNA exons in the BRCA1 gene, rather than a full DNA sequence containing both exons and introns. See *id.*, at 779 (stating that SEQ ID NO:1's "MOLECULE TYPE:" is "cDNA"). As a result, the Federal Circuit recognized that claim 2 asserts a patent on the cDNA nucleotide sequence listed in SEQ ID

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[1] Technically, there is no "typical" gene because nucleotide sequences vary between individuals, sometimes dramatically. Geneticists refer to the most common variations of genes as "wild types."

[2] At issue are claims 1, 2, 5, 6, and 7 of U. S. Patent 5,747,282 (the '282 patent), claim 1 of U. S. Patent 5,693,473 (the '473 patent), and claims 1, 6, and 7 of U. S. Patent 5,837,492 (the '492 patent).

NO:1, which codes for the typical BRCA1 gene. 689 F. 3d, at 1326, n. 9; *id.*, at 1337 (Moore, J., concurring in part); *id.*, at 1356 (Bryson, J., concurring in part and dissenting in part).

Claim 5 of the '282 patent claims a subset of the data in claim 1. In particular, it claims "[a]n isolated DNA having at least 15 nucleotides of the DNA of claim 1." App. 822. The practical effect of claim 5 is to assert a patent on any series of 15 nucleotides that exist in the typical BRCA1 gene. Because the BRCA1 gene is thousands of nucleotides long, even BRCA1 genes with substantial mutations are likely to contain at least one segment of 15 nucleotides that correspond to the typical BRCA1 gene. Similarly, claim 6 of the '282 patent claims "[a]n isolated DNA having at least 15 nucleotides of the DNA of claim 2." *Ibid.* This claim operates similarly to claim 5, except that it references the cDNA-based claim 2. The remaining claims at issue are similar, though several list common mutations rather than typical BRCA1 and BRCA2 sequences. See *ibid.* (claim 7 of the '282 patent); *id.*, at 930 (claim 1 of the '473 patent); *id.*, at 1028 (claims 1, 6, and 7 of the '492 patent).

C

Myriad's patents would, if valid, give it the exclusive right to isolate an individual's BRCA1 and BRCA2 genes (or any strand of 15 or more nucleotides within the genes) by breaking the covalent bonds that connect the DNA to the rest of the individual's genome. The patents would also give Myriad the exclusive right to synthetically create BRCA cDNA. In Myriad's view, manipulating BRCA DNA in either of these fashions triggers its "right to exclude others from making" its patented composition of matter under the Patent Act. 35 U. S. C. §154(a)(1); see also §271(a) ("[W]hoever without authority makes . . . any patented invention . . . infringes the patent").

But isolation is necessary to conduct genetic testing, and Myriad was not the only entity to offer BRCA testing after it discovered the genes. The University of Pennsylvania's Genetic Diagnostic Laboratory (GDL) and others provided genetic testing services to women. Petitioner Dr. Harry Ostrer, then a researcher at New York University School of Medicine, routinely sent his patients' DNA samples to GDL for testing. After learning of GDL's testing and Ostrer's activities, Myriad sent letters to them asserting that the genetic testing infringed Myriad's patents. App. 94–95 (Ostrer letter). In response, GDL agreed to stop testing and informed Ostrer that it would no longer accept patient samples. Myriad also filed patent infringement suits against other entities that performed BRCA testing, resulting in settlements in which the defendants agreed to cease all allegedly infringing activity. 689 F. 3d, at 1315. Myriad, thus, solidified its position as the only entity providing BRCA testing.

Some years later, petitioner Ostrer, along with medical patients, advocacy groups, and other doctors, filed this lawsuit seeking a declaration that Myriad's patents are invalid under 35 U. S. C. §101. 702 F. Supp. 2d, at 186. Citing this Court's decision in *MedImmune, Inc.* v. *Genentech, Inc.*, 549 U. S. 118 (2007), the District Court denied Myriad's motion to dismiss for lack of standing. *Association for Molecular Pathology* v. *United States Patent and Trademark Office*, 669 F. Supp. 2d 365, 385–392 (SDNY 2009). The District Court then granted summary judgment to petitioners on the composition claims at issue in this case based on its conclusion that Myriad's claims, including claims related to cDNA, were invalid because they covered products of nature. 702 F. Supp. 2d, at 220–237. The Federal Circuit reversed, *Association for Molecular Pathology* v. *United States Patent and Trademark Office*, 653 F. 3d 1329 (2011), and this Court granted the petition for certiorari, vacated the judgment, and re-

manded the case in light of *Mayo Collaborative Services* v. *Prometheus Laboratories, Inc.*, 566 U. S. ___ (2012). See *Association for Molecular Pathology* v. *Myriad Genetics, Inc.*, 566 U. S. ___ (2012).

On remand, the Federal Circuit affirmed the District Court in part and reversed in part, with each member of the panel writing separately. All three judges agreed that only petitioner Ostrer had standing. They reasoned that Myriad's actions against him and his stated ability and willingness to begin BRCA1 and BRCA2 testing if Myriad's patents were invalidated were sufficient for Article III standing. 689 F. 3d, at 1323; *id.*, at 1337 (opinion of Moore, J.); *id.*, at 1348 (opinion of Bryson, J.).

With respect to the merits, the court held that both isolated DNA and cDNA were patent eligible under §101. The central dispute among the panel members was whether the act of *isolating* DNA—separating a specific gene or sequence of nucleotides from the rest of the chromosome—is an inventive act that entitles the individual who first isolates it to a patent. Each of the judges on the panel had a different view on that question. Judges Lourie and Moore agreed that Myriad's claims were patent eligible under §101 but disagreed on the rationale. Judge Lourie relied on the fact that the entire DNA molecule is held together by chemical bonds and that the covalent bonds at both ends of the segment must be severed in order to isolate segments of DNA. This process technically creates new molecules with unique chemical compositions. See *id.*, at 1328 ("Isolated DNA . . . is a free-standing portion of a larger, natural DNA molecule. Isolated DNA has been cleaved (*i.e.*, had covalent bonds in its backbone chemically severed) or synthesized to consist of just a fraction of a naturally occurring DNA molecule"). Judge Lourie found this chemical alteration to be dispositive, because isolating a particular strand of DNA creates a nonnaturally occurring molecule, even though the

chemical alteration does not change the information-transmitting quality of the DNA. See *id.*, at 1330 ("The claimed isolated DNA molecules are distinct from their natural existence as portions of larger entities, and their informational content is irrelevant to that fact. We recognize that biologists may think of molecules in terms of their uses, but genes are in fact materials having a chemical nature"). Accordingly, he rejected petitioners' argument that isolated DNA was ineligible for patent protection as a product of nature.

Judge Moore concurred in part but did not rely exclusively on Judge Lourie's conclusion that chemically breaking covalent bonds was sufficient to render isolated DNA patent eligible. *Id.*, at 1341 ("To the extent the majority rests its conclusion on the chemical differences between [naturally occurring] and isolated DNA (breaking the covalent bonds), I cannot agree that this is sufficient to hold that the claims to human genes are directed to patentable subject matter"). Instead, Judge Moore also relied on the United States Patent and Trademark Office's (PTO) practice of granting such patents and on the reliance interests of patent holders. *Id.*, at 1343. However, she acknowledged that her vote might have come out differently if she "were deciding this case on a blank canvas." *Ibid.*

Finally, Judge Bryson concurred in part and dissented in part, concluding that isolated DNA is not patent eligible. As an initial matter, he emphasized that the breaking of chemical bonds was not dispositive: "[T]here is no magic to a chemical bond that requires us to recognize a new product when a chemical bond is created or broken." *Id.*, at 1351. Instead, he relied on the fact that "[t]he nucleotide sequences of the claimed molecules are the same as the nucleotide sequences found in naturally occurring human genes." *Id.*, at 1355. Judge Bryson then concluded that genetic "structural similarity dwarfs the significance

of the structural differences between isolated DNA and naturally occurring DNA, especially where the structural differences are merely ancillary to the breaking of covalent bonds, a process that is itself not inventive." *Ibid.* Moreover, Judge Bryson gave no weight to the PTO's position on patentability because of the Federal Circuit's position that "the PTO lacks substantive rulemaking authority as to issues such as patentability." *Id.*, at 1357.

Although the judges expressed different views concerning the patentability of isolated DNA, all three agreed that patent claims relating to cDNA met the patent eligibility requirements of §101. *Id.*, at 1326, and n. 9 (recognizing that some patent claims are limited to cDNA and that such claims are patent eligible under §101); *id.*, at 1337 (Moore, J., concurring in part); *id.*, at 1356 (Bryson, J., concurring in part and dissenting in part) ("cDNA cannot be isolated from nature, but instead must be created in the laboratory . . . because the introns that are found in the native gene are removed from the cDNA segment").[3] We granted certiorari. 568 U. S. ___ (2012).

II

A

Section 101 of the Patent Act provides:

> "Whoever invents or discovers any new and useful . . . composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title."

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[3]Myriad continues to challenge Dr. Ostrer's Declaratory Judgment Act standing in this Court. Brief for Respondents 17–22. But we find that, under the Court's decision in *MedImmune, Inc.* v. *Genentech, Inc.*, Dr. Ostrer has alleged sufficient facts "under all the circumstances, [to] show that there is a substantial controversy, between parties having adverse legal interests, of sufficient immediacy and reality to warrant the issuance of a declaratory judgment." 549 U. S. 118, 127 (2007) (internal quotation marks omitted).

35 U. S. C. §101.

We have "long held that this provision contains an important implicit exception[:] Laws of nature, natural phenomena, and abstract ideas are not patentable." *Mayo*, 566 U. S., at ___ (slip op., at 1) (internal quotation marks and brackets omitted). Rather, "'they are the basic tools of scientific and technological work'" that lie beyond the domain of patent protection. *Id.*, at ___ (slip op., at 2). As the Court has explained, without this exception, there would be considerable danger that the grant of patents would "tie up" the use of such tools and thereby "inhibit future innovation premised upon them." *Id.*, at ___ (slip op., at 17). This would be at odds with the very point of patents, which exist to promote creation. *Diamond* v. *Chakrabarty*, 447 U. S. 303, 309 (1980) (Products of nature are not created, and "'manifestations . . . of nature [are] free to all men and reserved exclusively to none'").

The rule against patents on naturally occurring things is not without limits, however, for "all inventions at some level embody, use, reflect, rest upon, or apply laws of nature, natural phenomena, or abstract ideas," and "too broad an interpretation of this exclusionary principle could eviscerate patent law." 566 U. S., at ___ (slip op., at 2). As we have recognized before, patent protection strikes a delicate balance between creating "incentives that lead to creation, invention, and discovery" and "imped[ing] the flow of information that might permit, indeed spur, invention." *Id.*, at ___ (slip op., at 23). We must apply this well-established standard to determine whether Myriad's patents claim any "new and useful . . . composition of matter," §101, or instead claim naturally occurring phenomena.

B

It is undisputed that Myriad did not create or alter any of the genetic information encoded in the BRCA1 and

BRCA2 genes. The location and order of the nucleotides existed in nature before Myriad found them. Nor did Myriad create or alter the genetic structure of DNA. Instead, Myriad's principal contribution was uncovering the precise location and genetic sequence of the BRCA1 and BRCA2 genes within chromosomes 17 and 13. The question is whether this renders the genes patentable.

Myriad recognizes that our decision in *Chakrabarty* is central to this inquiry. Brief for Respondents 14, 23–27. In *Chakrabarty*, scientists added four plasmids to a bacterium, which enabled it to break down various components of crude oil. 447 U. S., at 305, and n. 1. The Court held that the modified bacterium was patentable. It explained that the patent claim was "not to a hitherto unknown natural phenomenon, but to a nonnaturally occurring manufacture or composition of matter—a product of human ingenuity 'having a distinctive name, character [and] use.'" *Id.*, at 309–310 (quoting *Hartranft* v. *Wiegmann*, 121 U. S. 609, 615 (1887); alteration in original). The *Chakrabarty* bacterium was new "with markedly different characteristics from any found in nature," 447 U. S., at 310, due to the additional plasmids and resultant "capacity for degrading oil." *Id.*, at 305, n. 1. In this case, by contrast, Myriad did not create anything. To be sure, it found an important and useful gene, but separating that gene from its surrounding genetic material is not an act of invention.

Groundbreaking, innovative, or even brilliant discovery does not by itself satisfy the §101 inquiry. In *Funk Brothers Seed Co.* v. *Kalo Inoculant Co.*, 333 U. S. 127 (1948), this Court considered a composition patent that claimed a mixture of naturally occurring strains of bacteria that helped leguminous plants take nitrogen from the air and fix it in the soil. *Id.*, at 128–129. The ability of the bacteria to fix nitrogen was well known, and farmers commonly "inoculated" their crops with them to improve soil nitrogen

levels. But farmers could not use the same inoculant for all crops, both because plants use different bacteria and because certain bacteria inhibit each other. *Id.*, at 129–130. Upon learning that several nitrogen-fixing bacteria did not inhibit each other, however, the patent applicant combined them into a single inoculant and obtained a patent. *Id.*, at 130. The Court held that the composition was not patent eligible because the patent holder did not alter the bacteria in any way. *Id.*, at 132 ("There is no way in which we could call [the bacteria mixture a product of invention] unless we borrowed invention from the discovery of the natural principle itself"). His patent claim thus fell squarely within the law of nature exception. So do Myriad's. Myriad found the location of the BRCA1 and BRCA2 genes, but that discovery, by itself, does not render the BRCA genes "new . . . composition[s] of matter," §101, that are patent eligible.

Indeed, Myriad's patent descriptions highlight the problem with its claims. For example, a section of the '282 patent's Detailed Description of the Invention indicates that Myriad found the location of a gene associated with increased risk of breast cancer and identified mutations of that gene that increase the risk. See App. 748–749.[4] In

[4] The full relevant text of the Detailed Description of the Patent is as follows:

"It is a discovery of the present invention that the BRCA1 locus which predisposes individuals to breast cancer and ovarian cancer, is a gene encoding a BRCA1 protein, which has been found to have no significant homology with known protein or DNA sequences. . . . It is a discovery of the present invention that mutations in the BRCA1 locus in the germline are indicative of a predisposition to breast cancer and ovarian cancer. Finally, it is a discovery of the present invention that somatic mutations in the BRCA1 locus are also associated with breast cancer, ovarian cancer and other cancers, which represents an indicator of these cancers or of the prognosis of these cancers. The mutational events of the BRCA1 locus can involve deletions, insertions and point mutations." App. 749.

subsequent language Myriad explains that the location of the gene was unknown until Myriad found it among the approximately eight million nucleotide pairs contained in a subpart of chromosome 17. See *Ibid.*[5] The '473 and '492 patents contain similar language as well. See *id.*, at 854, 947. Many of Myriad's patent descriptions simply detail the "iterative process" of discovery by which Myriad narrowed the possible locations for the gene sequences that it sought.[6] See, *e.g.*, *id.*, at 750. Myriad seeks to import these extensive research efforts into the §101 patent-eligibility inquiry. Brief for Respondents 8–10, 34. But extensive effort alone is insufficient to satisfy the demands of §101.

Nor are Myriad's claims saved by the fact that isolating DNA from the human genome severs chemical bonds and thereby creates a nonnaturally occurring molecule. Myriad's claims are simply not expressed in terms of chemical composition, nor do they rely in any way on the chemical changes that result from the isolation of a particular section of DNA. Instead, the claims understandably focus on the genetic information encoded in the BRCA1 and

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Notwithstanding Myriad's repeated use of the phrase "present invention," it is clear from the text of the patent that the various discoveries *are* the "invention."

[5] "Starting from a region on the long arm of human chromosome 17 of the human genome, 17q, which has a size estimated at about 8 million base pairs, a region which contains a genetic locus, BRCA1, which causes susceptibility to cancer, including breast and ovarian cancer, has been identified." *Ibid.*

[6] Myriad first identified groups of relatives with a history of breast cancer (some of whom also had developed ovarian cancer); because these individuals were related, scientists knew that it was more likely that their diseases were the result of genetic predisposition rather than other factors. Myriad compared sections of their chromosomes, looking for shared genetic abnormalities not found in the general population. It was that process which eventually enabled Myriad to determine where in the genetic sequence the BRCA1 and BRCA2 genes reside. See, *e.g.*, *id.*, at 749, 763–775.

BRCA2 genes. If the patents depended upon the creation of a unique molecule, then a would-be infringer could arguably avoid at least Myriad's patent claims on entire genes (such as claims 1 and 2 of the '282 patent) by isolating a DNA sequence that included both the BRCA1 or BRCA2 gene and one additional nucleotide pair. Such a molecule would not be chemically identical to the molecule "invented" by Myriad. But Myriad obviously would resist that outcome because its claim is concerned primarily with the information contained in the genetic *sequence*, not with the specific chemical composition of a particular molecule.

Finally, Myriad argues that the PTO's past practice of awarding gene patents is entitled to deference, citing *J. E. M. Ag Supply, Inc.* v. *Pioneer Hi-Bred Int'l, Inc.*, 534 U. S. 124 (2001). See Brief for Respondents 35–39, 49–50. We disagree. *J. E. M.* held that new plant breeds were eligible for utility patents under §101 notwithstanding separate statutes providing special protections for plants, see 7 U. S. C. §2321 *et seq.* (Plant Variety Protection Act); 35 U. S. C. §§161–164 (Plant Patent Act of 1930). After analyzing the text and structure of the relevant statutes, the Court mentioned that the Board of Patent Appeals and Interferences had determined that new plant breeds were patent eligible under §101 and that Congress had recognized and endorsed that position in a subsequent Patent Act amendment. 534 U. S., at 144–145 (citing *In re Hibberd*, 227 USPQ 443 (1985) and 35 U. S. C. §119(f)). In this case, however, Congress has not endorsed the views of the PTO in subsequent legislation. While Myriad relies on Judge Moore's view that Congress endorsed the PTO's position in a single sentence in the Consolidated Appropriations Act of 2004, see Brief for Respondents 31, n. 8; 689 F. 3d, at 1346, that Act does not even mention genes, much less isolated DNA. §634, 118 Stat. 101 ("None of the funds appropriated or otherwise made available under this

Act may be used to issue patents on claims directed to or encompassing a human organism").

Further undercutting the PTO's practice, the United States argued in the Federal Circuit and in this Court that isolated DNA was *not* patent eligible under §101, Brief for United States as *Amicus Curiae* 20–33, and that the PTO's practice was not "a sufficient reason to hold that isolated DNA is patent-eligible." *Id.*, at 26. See also *id.*, at 28–29. These concessions weigh against deferring to the PTO's determination.[7]

C

cDNA does not present the same obstacles to patentability as naturally occurring, isolated DNA segments. As already explained, creation of a cDNA sequence from mRNA results in an exons-only molecule that is not naturally occurring.[8] Petitioners concede that cDNA differs from natural DNA in that "the non-coding regions have

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[7]Myriad also argues that we should uphold its patents so as not to disturb the reliance interests of patent holders like itself. Brief for Respondents 38–39. Concerns about reliance interests arising from PTO determinations, insofar as they are relevant, are better directed to Congress. See *Mayo Collaborative Services* v. *Prometheus Laboratories, Inc.*, 566 U. S. ___, ___ (2012) (slip op., at 22–24).

[8]Some viruses rely on an enzyme called reverse transcriptase to reproduce by copying RNA into cDNA. In rare instances, a side effect of a viral infection of a cell can be the random incorporation of fragments of the resulting cDNA, known as a pseudogene, into the genome. Such pseudogenes serve no purpose; they are not expressed in protein creation because they lack genetic sequences to direct protein expression. See J. Watson et al., Molecular Biology of the Gene 142, 144, fig. 7–5 (6th ed. 2008). Perhaps not surprisingly, given pseudogenes' apparently random origins, petitioners "have failed to demonstrate that the pseudogene consists of the same sequence as the BRCA1 cDNA." *Association for Molecular Pathology* v. *United States Patent and Trademark Office*, 689 F. 3d 1303, 1356, n. 5 (CA Fed. 2012). The possibility that an unusual and rare phenomenon *might* randomly create a molecule similar to one created synthetically through human ingenuity does not render a composition of matter nonpatentable.

been removed." Brief for Petitioners 49. They nevertheless argue that cDNA is not patent eligible because "[t]he nucleotide sequence of cDNA is dictated by nature, not by the lab technician." *Id.,* at 51. That may be so, but the lab technician unquestionably creates something new when cDNA is made. cDNA retains the naturally occurring exons of DNA, but it is distinct from the DNA from which it was derived. As a result, cDNA is not a "product of nature" and is patent eligible under §101, except insofar as very short series of DNA may have no intervening introns to remove when creating cDNA. In that situation, a short strand of cDNA may be indistinguishable from natural DNA.[9]

III

It is important to note what is *not* implicated by this decision. First, there are no method claims before this Court. Had Myriad created an innovative method of manipulating genes while searching for the BRCA1 and BRCA2 genes, it could possibly have sought a method patent. But the processes used by Myriad to isolate DNA were well understood by geneticists at the time of Myriad's patents "were well understood, widely used, and fairly uniform insofar as any scientist engaged in the search for a gene would likely have utilized a similar approach," 702 F. Supp. 2d, at 202–203, and are not at issue in this case.

Similarly, this case does not involve patents on new *applications* of knowledge about the BRCA1 and BRCA2 genes. Judge Bryson aptly noted that, "[a]s the first party with knowledge of the [BRCA1 and BRCA2] sequences, Myriad was in an excellent position to claim applications of that knowledge. Many of its unchallenged claims are

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[9]We express no opinion whether cDNA satisfies the other statutory requirements of patentability. See, *e.g.*, 35 U. S. C. §§102, 103, and 112; Brief for United States as *Amicus Curiae* 19, n. 5.

limited to such applications." 689 F. 3d, at 1349.

Nor do we consider the patentability of DNA in which the order of the naturally occurring nucleotides has been altered. Scientific alteration of the genetic code presents a different inquiry, and we express no opinion about the application of §101 to such endeavors. We merely hold that genes and the information they encode are not patent eligible under §101 simply because they have been isolated from the surrounding genetic material.

* * *

For the foregoing reasons, the judgment of the Federal Circuit is affirmed in part and reversed in part.

It is so ordered.

SUPREME COURT OF THE UNITED STATES

No. 12–398

ASSOCIATION FOR MOLECULAR PATHOLOGY, ET AL., PETITIONERS *v.* MYRIAD GENETICS, INC., ET AL.

ON WRIT OF CERTIORARI TO THE UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT

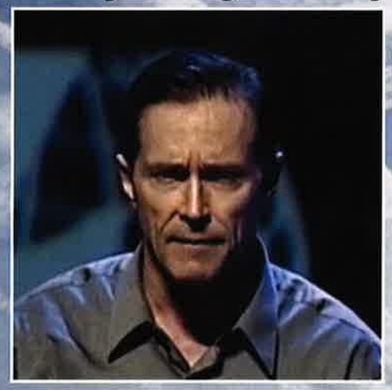
[June 13, 2013]

JUSTICE SCALIA, concurring in part and concurring in the judgment.

I join the judgment of the Court, and all of its opinion except Part I–A and some portions of the rest of the opinion going into fine details of molecular biology. I am unable to affirm those details on my own knowledge or even my own belief. It suffices for me to affirm, having studied the opinions below and the expert briefs presented here, that the portion of DNA isolated from its natural state sought to be patented is identical to that portion of the DNA in its natural state; and that complementary DNA (cDNA) is a synthetic creation not normally present in nature.

Covert global climate engineering programs are the single most environmentally destructive assault the human race has ever unleashed against nature and the entire web of life. The list of catastrophic environmental and human health consequences directly connected to the ongoing climate engineering insanity makes these programs mathematically the greatest and most immediate threat we collectively face short of nuclear cataclysm. Climate scientists claim that "solar radiation management" is the final option for cooling down our rapidly warming world, but is that the truth? Are "climate intervention" programs actually mitigating the unfolding planetary meltdown? Or further fueling it overall? How can we expose and halt the global geoengineering omnicide before it is too late?

Dane Wigington
GeoengineeringWatch.org



GEOENGINEERING:
A CHRONICLE OF INDICTMENT

Exposing The Global Climate Engineering Cover-Up

Fact & Photo Summary

DANE WIGINGTON
GeoengineeringWatch.org

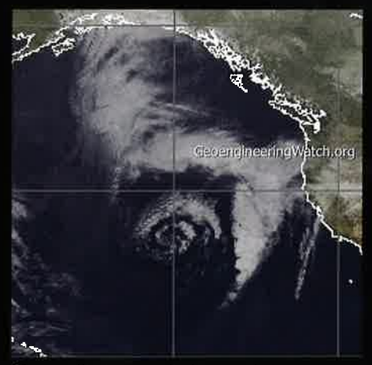
What experiments are governments around the world carrying out in our skies without the knowledge and consent of populations?

NASA satellite image of the California coastline (radio frequency / microwave transmission manipulation of aerosolized cloud cover / marine layer).

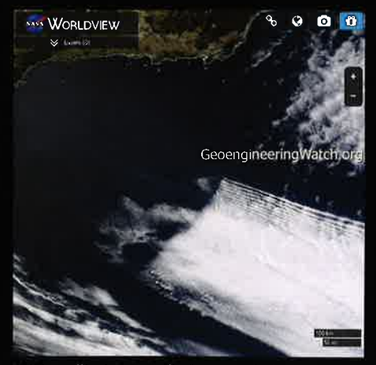
NASA image taken of African west coast (radio frequency / microwave transmission manipulation).

An aircraft dispersion of climate engineering particulates is manipulated with radio frequency / microwave transmissions. Palm Springs, California. Photo credit: Ron Morgan

An existing atmospheric saturation of climate engineering particles is manipulated with radio frequency / microwave transmissions. Port Washington, New York. Photo credit: Matt Jared.



NOAA satellite image, radio frequency / microwave transmission manipulation of Eastern Pacific storm system



NASA satellite image, radio frequency / microwave transmission manipulated square cloud formation

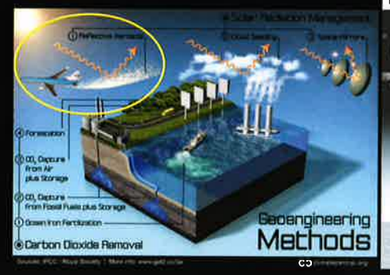
How unnatural do our skies need to become before populations begin to look up and investigate?

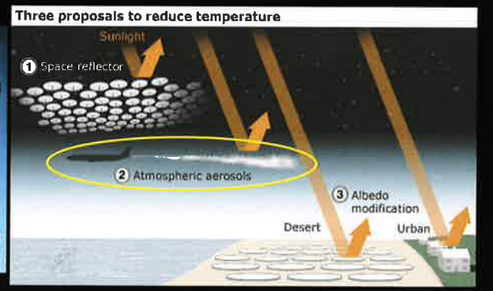
The global climate engineering Manhattan project

What if there were a monumental environmental threat that you didn't even know was occurring? What if it came into use in an insidious way, just as GMO foods have come into our food supply without our knowledge or consent? What if it appeared to be harmless, but it wasn't? And what if it were so cleverly woven into our culture that we didn't even see it anymore? What if it were so masterfully stigmatized and wrapped in controversy that if you thought it strange or concerning, you'd be scorned or ignored? What if you found out that this issue was already affecting your health and that of people you know and love? What if this threat had the potential to destroy our crops, our trees, the soil they are grown in, our water supply, the protective layers of our atmosphere, and whole ecosystems? What if all available data and front-line facts made clear that this issue was putting the entire web of life in the balance? Global climate engineering / intervention programs are mathematically the greatest and most immediate threat we collectively face short of nuclear cataclysm.

Rotterdam, Netherlands. Photo credit: Martin van Agteren

How many of us have ever known truly natural weather? Global climate intervention / geoengineering / solar radiation management programs are not just an outlandish and unrealistic "proposal", climate intervention operations have been deployed and steadily expanded for over 70 years with catastrophic consequences. In addition to the stated purpose of "mitigating" global warming (which all available data confirms geoengineering is making worse overall, not better), there are many additional objectives being carried out in our skies under the guise of geoengineering. The electrically conductive heavy metal particulates (that are being sprayed) help to enhance over the horizon radar, radio frequency transmissions, and EMP (electromagnetic pulse) offense and defense weaponry. The military industrial complex, of course, never considers the immense consequences of their atmospheric activities and experiments.





Mainstream science sources assist with the cover-up of geoengineering operations by showing preposterous and unrealistic forms of geoengineering (like space mirrors) alongside the very forms of climate intervention that have been fully deployed for decades. Jet aircraft spray dispersions of geoengineering aerosols are a primary element in the ongoing climate engineering equation.

What is climate engineering?
(AKA geoengineering, AKA "chemtrails")

Nyon, Switzerland. Photo credit: Romain Silvestre

Redding, California. Photo credit: Joyyde Wigington

There are a number of science terms that refer to various aspects and stated agendas relating to climate engineering operations. Utilizing the science terms that are applicable to this issue are imperative in order to garner and retain credibility. "Chemtrails" is a non-science term and thus is not helpful in the effort to raise awareness and credibility on the critical climate engineering subject.

Geoengineering:
Climate engineering, also referred to as geoengineering or climate intervention, is the deliberate and large-scale intervention in the Earth's climatic system with the aim of limiting adverse climate change. *(Wikipedia)*

Solar radiation management:
(SRM) projects are a type of climate engineering which seek to reflect sunlight and thus reduce global warming. Proposed examples include the creation of stratospheric sulfate aerosols. *(Wikipedia)*

Marine cloud brightening:
is a proposed solar radiation management climate engineering technique that would make clouds brighter, reflecting a small fraction of incoming sunlight back into space in order to offset anthropogenic global warming. Along with stratospheric aerosol injection, it is one of the two solar radiation management methods that may most feasibly have a substantial climate impact. *(Wikipedia)*

Stratospheric aerosol injection:
Stratospheric sulfate aerosols to create a global dimming effect...to limit the effect and impact of climate change due to rising levels of greenhouse gases.[2] Delivery of precursor sulfide gases such as sulfuric acid,[3] hydrogen sulfide (H2S) or sulfur dioxide (SO2) by... aircraft[4]. *(Wikipedia)*

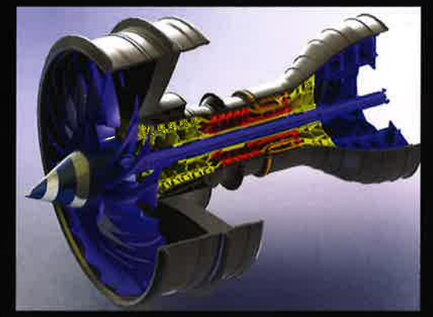
Shasta County, California. Photo credit: Joyyde Wigington

Valencia, Spain. Photo credit: Jose Aleixandre

Condensation trails?
Or jet sprayed aerosol dispersions?

Official sources tell the public they are only seeing "condensation trails" in our skies, but is this the truth? The alarming reality is this, the "condensation trail" official false narrative is perhaps the greatest deception ever perpetrated on populations of the world by those in power in order to effectively hide the clandestine climate engineering operations in plain sight.

An actual "condensation trail" could never be turned "on and off" as is seen in the photograph to the right. Again, the expressed goal of the climate engineers and their "solar radiation management" technofix for global warming is to intentionally spray millions of tons of light scattering electrically conductive (and highly toxic) particles (like aluminum) into the atmosphere. Jet fuel additives and sprayed payload dispersions are both a part of the ongoing SRM atmospheric aerosol saturation effort. In regard to the patently false "condensation trail" official narrative, the following facts must be considered: All commercial passenger jets, and all military tanker jets, are equipped with a "high bypass turbofan" jet engine. This engine is, in essence, a jet powered fan that is designed for maximum fuel efficiency. Over 80% of the air that passes through a "high bypass turbofan" jet engine is NON COMBUSTED (again, it is a jet powered fan). Thus, by its very design, the "high bypass turbofan" jet engine is nearly incapable of producing any true "condensation trail" except under the most rare and extreme of circumstances.



Cutaway image of a modern "high bypass turbofan" jet engine

Rotterdam, Netherlands. Photo credit- Hartog de Gelder

Palm Springs, California. Photo credit Ron Morgan

Aircraft spraying nozzles hidden in plain sight

How would particulate spraying be executed from commercial and military jet aircraft in a manner that would be covert? In a manner that would fortify the official "condensation trails" false narrative? By adding retrofit spray nozzles on the aircraft pylon just above the jet thrust stream, aimed straight into this stream. Thus, the "condensation trail" false narrative is formed and fortified.

If you think there are only passengers in all commercial passenger jet aircraft, think again. Available data, film footage, and aircraft tracking programs prove that even passenger carrying commercial jet aircraft are being used for aerosol spraying into the atmosphere. Data does not indicate any direct involvement of commercial carrier pilots or personnel. The atmospheric aerosol spraying programs are centrally controlled, coordinated, and operated (documents revealed later in this booklet will further confirm this fact).

Antioch, Tennessee. Photo credit: Brent Rodriguez

Over 70 years ago the United States government and other global powers made the decision to deploy global climate engineering programs without the knowledge or consent of their citizens.
Why would governments around the world participate in covert climate engineering programs? Perhaps the more appropriate question would be this, why wouldn't global power centers engage in patented climate modification operations for their own purposes and agendas? The answer is, they would, and they have, for over 70 years. Below are two examples of over 150 climate intervention related patents. http://www.geoengineeringwatch.org/links-to-geoengineering-patents/

Stratospheric Welsbach seeding for reduction of global warming
US 5003186 A
ABSTRACT
"A method is described for reducing atmospheric or global warming resulting from the presence of heat-trapping gases in the atmosphere, i.e., from the greenhouse effect. Such gases are relatively transparent to sunshine, but absorb strongly the long-wavelength infrared radiation released by the earth. The method incudes the step of seeding (with jet aircraft dispersions) the layer of heat-trapping gases in the atmosphere with particles of materials characterized by wavelength-dependent emissivity. Such materials include Welsbach materials and the oxides of metals which have high emissivity (and thus low reflectivities) in the visible and 8-12 micron infrared wavelength regions."

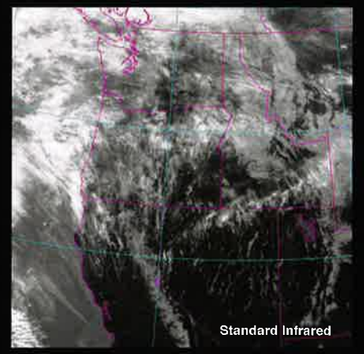
Weather modification method
US 3613992 A
"The method of causing ice crystal formation in a mass of water droplets having a temperature less than +6 C., which comprises introducing into said mass of particles a finely divided solid substance having a high solubility in water and a large endothermic heat of solution and selected from the group consisting of urea, potassium nitrate, potassium nitrite and ammonium nitrate".

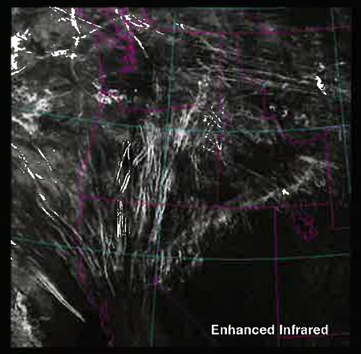
The next patent example is for "chemical ice nucleation", the process of chemically nucleating precipitation that should have fallen as rain, into snow. This is a major tool for the climate engineers, and one that they utilize constantly in order to temporarily (and toxically) create a short term surface cool-down. This is a primary factor with the rapidly increasing "weather whiplash" temperature swings, the now common above freezing temperature snowfall events, and the rapidly increasing extreme hail events.

"China's Weather Manipulation Brings Crippling Snowstorm to Beijing"
(a headline from Popular Science Magazine)

In The People's Republic of China, it's no secret that the Party controls just about everything. But as Beijing suffers through its second major snowstorm this season, residents are growing weary of their leadership's control-freak tendencies. After all, while the storm came as a surprise to residents, the government knew about it all along. In fact, the government caused it (The US government is engaged in the same processes).

If climate engineering / geoengineering sprayed particulate trails are so prevalent in the upper troposphere, why don't they show up clearly on satellite images? Because the vast majority of satellite images from official sources are almost always filtered in order to mask the blatantly visible atmospheric spraying operations.


Standard Infrared


Enhanced Infrared

Above are two versions of the same satellite image. The image on the left is in essence a filtered image as only standard infrared imagery was used. The image on the right (enhanced infrared) clearly reveals expansive climate engineering operations over the western US.

NASA tells us that the extremely long trails shown in the satellite images below are just "ship tracks", but does this official narrative hold up to an examination of the facts?

NASA's so called "ship tracks" (over oceans) frequently do not conform to established shipping lanes, and are far too uniform over far too great a distance to be "ship tracks". The massive zones of artificial haze and "cloud cover", that are now common around the world, are exactly what is described as an objective for "marine layer enhancement", a form of climate engineering.


Manchester, UK. Photo credit: David Wylie

Phoenix, Arizona. Photo credit: Steven Snow

CHAPTER 5

FEDERAL ACTIVITIES IN WEATHER MODIFICATION

(By Robert E. Morrison, Specialist in Earth Sciences, Science Policy Research Division, Congressional Research Service)

OVERVIEW OF FEDERAL ACTIVITIES

The Federal Government has been involved for over 30 years in a number of aspects of weather modification, through activities of both the Congress and the executive branch. Since 1947, weather modification bills pertaining to research support, operations, policy studies, regulations, liabilities, activity reporting, establishment of panels and committees, and international concerns have been introduced in the Congress. There have been hearings on many of these proposed measures, and oversight hearings have also been conducted on pertinent ongoing programs. A total of six public laws specifically on weather modification have been enacted since 1953, while others have included provisions which in some way are relevant to weather modification. Resolutions dealing with the use of weather modification technology as a weapon by U.S. military forces and promotion of a U.N. treaty prohibiting such activities have been introduced in both houses of the Congress, and one such resolution was passed by the Senate.

Federal legislation has dealt principally with three aspects of weather modification—research program authorization and direction, collection and reporting of weather modification activities, and the commissioning of major studies on recommended Federal policy and the status of technology. In addition to providing direction through authorizing legislation, the Congress has initiated one major Federal program through an appropriations bill write-in, and this program has since regularly received support through additional appropriations beyond its recommended OMB funding level.

Identifiable Federal research and operational weather modification programs can be traced from at least the period of World War II; however, the research programs of most agencies other than the Defense Department were not begun until the 1950's and 1960's. While

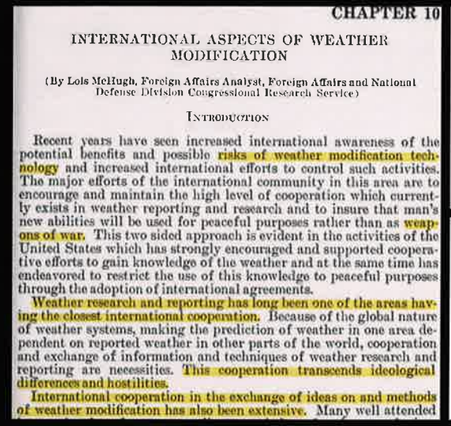
Do official government documents exist which would implicate US government involvement in global weather modification / climate intervention programs? Yes, the document excerpt to the left was taken from a 750 page US Senate Report released in 1978. This document is only one of many available historical government reports which specifically address the ongoing national weather modification / climate modification programs. How much longer can the undeniable climate engineering atrocities be kept from public consciousness?

PDF file for full document is here http://www.geoengineering-watch.org/massive-us-senate-document-on-national-and-global-weather-modification/


Manchester, UK. Photo credit: Ged England

Basildon, Essex, UK. Photo credit: Lisa Bazely

Yet more damning excerpts from the 750 page US Senate / Federal Weather modification document are below:



CHAPTER 10

INTERNATIONAL ASPECTS OF WEATHER MODIFICATION

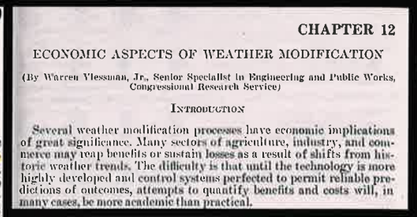
(By Lois McHugh, Foreign Affairs Analyst, Foreign Affairs and National Defense Division Congressional Research Service)

INTRODUCTION

Recent years have seen increased international awareness of the potential benefits and possible risks of weather modification technology and increased international efforts to control such activities. The major efforts of the international community in this area are to encourage and maintain the high level of cooperation which currently exists in weather reporting and research and to insure that man's new abilities will be used for peaceful purposes rather than as weapons of war. This two sided approach is evident in the activities of the United States which has strongly encouraged and supported cooperative efforts to gain knowledge of the weather and at the same time has endeavored to restrict the use of this knowledge to peaceful purposes through the adoption of international agreements.

Weather research and reporting has long been one of the areas having the closest international cooperation. Because of the global nature of weather systems, making the prediction of weather in one area dependent on reported weather in other parts of the world, cooperation and exchange of information and techniques of weather research and reporting are necessities. This cooperation transcends ideological differences and hostilities.

International cooperation in the exchange of ideas on and methods of weather modification has also been extensive. Many well attended



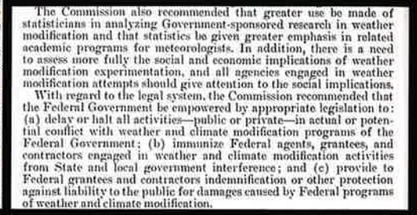
CHAPTER 12

ECONOMIC ASPECTS OF WEATHER MODIFICATION

(By Warren Viessman, Jr., Senior Specialist in Engineering and Public Works, Congressional Research Service)

INTRODUCTION

Several weather modification processes have economic implications of great significance. Many sectors of agriculture, industry, and commerce may reap benefits or sustain losses as a result of shifts from historic weather trends. The difficulty is that until the technology is more highly developed and control systems perfected to permit reliable predictions of outcomes, attempts to quantify benefits and costs will, in many cases, be more academic than practical.



The Commission also recommended that greater use be made of statisticians in analyzing Government-sponsored research in weather modification and that statistics be given greater emphasis in related academic programs for meteorologists. In addition, there is a need to assess more fully the social and economic implications of weather modification experimentation, and all agencies engaged in weather modification attempts should give attention to the social implications.

With regard to the legal system, the Commission recommended that the Federal Government be empowered by appropriate legislation to: (a) delay or halt all activities—public or private—in actual or potential conflict with weather and climate modification programs of the Federal Government; (b) immunize Federal agents, grantees, and contractors engaged in weather and climate modification activities from State and local government interference; and (c) provide to Federal grantees and contractors indemnification or other protection against liability to the public for damages caused by Federal programs of weather and climate modification.

The yellow highlighted statements on the document above are of particular interest. In summary, this US Senate document calls for the complete cooperation with NORMALLY ADVERSARIAL NATIONS due to cross border ramifications from climate engineering. All major powers are colluding, collaborating and cooperating in regard to the ongoing climate engineering crimes and coverup.

Nyon, Switzerland. Photo credit: Romain Silvestre

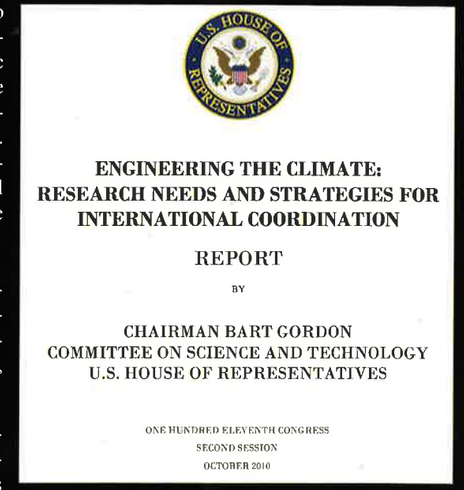
Livingston County, Michigan. Photo credit: Lyn Connolly

Knoxville, Tennessee. Photo credit: Marla Stair-Wood

Palmdale, California. Photo credit: Petie Cepeda

Any form of climate intervention must also be considered a form of weather and biological warfare due to the long list of catastrophic downstream climate consequences and the biosphere contamination that are both directly and indirectly a result of these programs. Such consequences have always been downplayed or completely ignored by the global power centers that push and propagate the ongoing climate engineering assault.

Are there yet more recent government documents that address global weather modification / climate intervention proposals and programs? Yes, there are many such documents, the image to the right is only one example.



U.S. HOUSE OF REPRESENTATIVES

ENGINEERING THE CLIMATE: RESEARCH NEEDS AND STRATEGIES FOR INTERNATIONAL COORDINATION

REPORT

BY

CHAIRMAN BART GORDON
COMMITTEE ON SCIENCE AND TECHNOLOGY
U.S. HOUSE OF REPRESENTATIVES

ONE HUNDRED ELEVENTH CONGRESS
SECOND SESSION
OCTOBER 2010

Even a 1950s Colliers Magazine article addressed the rapidly expanding climate modification industry, which our government has since taken a position of total denial on.

Are scientists willing to deny the climate engineering / solar radiation management reality on the record? No.

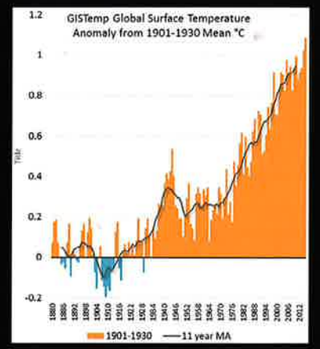
On Friday, October 7th, 2016, GeoengineeringWatch.org and the Legal Alliance to Stop Geoengineering (LASG) carried out a simple survey that involved 1518 climate scientists and experts.

100% of scientists/experts surveyed REFUSED to deny the climate engineering reality on the record. How much longer can the climate engineering atrocities be hidden from the public in plain sight? When will climate science community decide to start telling the truth about the ongoing global geoengineering / climate intervention assault?

Astillero, Cantabria, Spain. Photo credit: Alberto Ibañez

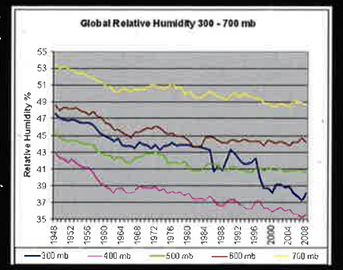
Madrid, Spain. Photo credit: Juan Cortés

For many decades global power centers (and the many sources of media they control) have effectively fueled the division and confusion of populations in regard to the true extent of damage to the climate system. This historical submarine photo was recovered from the US Navy historical archives. Why is this photo so significant? Because it reveals a US Navy submarine surfaced in OPEN WATER at the North Pole at the hight of the Arctic ice expansion season in 1959. The sea ice at this location at the time of year when this photo was taken should have been two or three meters thick, but there was none.



Even prior to WWII those in power were well aware of the rapidly accelerating warming of the planet due to anthropogenic activities. Since the acceleration of the industrial revolution there has been an ongoing "tug of war" being played out in the climate system. The buildup of greenhouse gases was to some degree counteracted by the build up of sun blocking pollution particles in the atmosphere. By 1945, when the first progressive phase of anthropogenic planetary warming was skyrocketing, the greenhouse gas build up had begun to completely overwhelm the cooling sun blocking effect of atmospheric aerosols (pollution particles).

Immediately after the end of WWII, without the knowledge or consent of their populations, a coordinated global climate engineering Manhattan project was deployed by governments around the globe. By spraying additional particles into the atmosphere with aircraft, global powers were able to mask the greenhouse gas buildup for several decades. But we must consider this, at what cost did this temporary reprieve come in regard to the overall web of life?

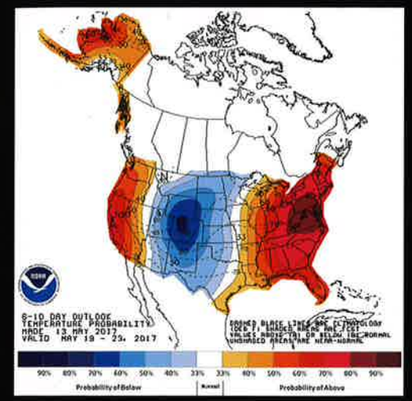


A primary objective of climate engineering / solar radiation management programs is to blot out the sun. "Global dimming" is the science term that describes the percentage of the sun's direct rays that no longer reach the surface of the Earth as compared to the mid 20th century. Astoundingly, current figures put "global dimming at nearly 30% in many parts of the planet. Blocking the sun has decreased overall evaporation and overall atmospheric relative humidity.

El Portal, California. Photo credit: Ron Kauk

The atmosphere can carry 7% more moisture for every degree in Celcius of warming. The laws of physics make clear that a warming planet must create more overall rain unless there is a factor that is not being publicly disclosed. That factor is the highly toxic covert climate engineering assault. Extreme deluges will also increase in spite of (and in many cases because of) climate engineering.

The answer to the question of "WHY ENGINEER THE CLIMATE?" is complex as there are a great many objectives and agendas being carried out simultaneously. Again, the stated purpose of geoengineering / solar radiation management (SRM) programs is mitigation for global warming, but is this really the primary overall objective? The geoengineers have tried to claim that by spraying the atmosphere with highly reflective light scattering particulates (like aluminum), they can reflect enough of the sun's incoming thermal energy to counteract the greenhouse gas buildup and thus cool the planet. Is it working? After over 70 years of constantly escalating and expanding climate intervention programs, all available data makes the following conclusion clear, the short term (and highly toxic) climate intervention cool-downs come at the cost of actually fueling the overall long term warming of the planet. In summary, climate engineering is making an already dire climate disintegration scenario far worse in the long term. The NOAA "forecast" (scheduled) weather map to the left is a glaring example of a recent completely engineered cool-down. Temperature scenarios like the one revealed in this NOAA map are completely unnatural and historically unprecedented. Record warmth on the East and West coasts with a bullseye of chemical ice nucleated record cold in the center of the country.



The color coded forecast map reflects probabilities of over 25 degrees above "normal" on both coasts with anomalies of over 25 degrees below normal in the center of country. Again, such weather whiplash scenarios are meteorologically unprecedented and are a direct result of climate engineering.

COVERT GLOBAL GEOENGINEERING PROGRAMS ARE:

-Trapping more overall heat in the lower atmosphere than is deflected.
-Completely disrupting the global hydrological cycle (the rain cycle).
-Destroying the ozone layer and thus radically increasing lethal UV radiation exposure.
-Contaminating the entire surface of the planet along with the breathable air column.
-Disrupting upper level wind currents and subsequently ocean currents.
-Further fueling unprecedented forest die-offs and CATASTROPHIC FOREST FIRES.
-Contributing to extreme hail and weather events due to chemical ice nucleation dispersions over storms.

South Wales, UK. Photo credit: Peter Jones

Möhnesee, Germany. Photo credit: Mirka Leinchen

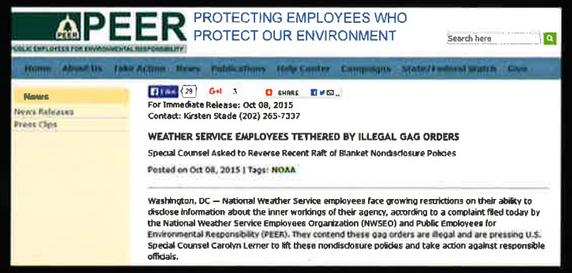
Who is behind the climate engineering / solar radiation management operations?
All roads lead back to those who print the money, the private bankers that run the "federal reserve". Those who control the money control militaries, and thus countries.

Government Implements Illegal "Gag Order" On National Weather Service And NOAA Employees

Why aren't government scientists in agencies like The National Weather Service (NWS) and The National Oceanic and Atmospheric Administration (NOAA) speaking out about the ongoing climate engineering operations? US government scientists have no first amendment protection, next, a recent illegal federal gag order has been placed on all NWS and NOAA employees and scientists.
http://www.geoengineeringwatch.org/government-implements-illegal-gag-order-on-national-weather-service-and-noaa/
The excerpt below is from a PEER (Public Employees for Environmental Responsibility) report on the illegal federal gag order.

"This summer, the National Weather Service began requiring a signed confidentiality agreement.... These agreements purport to bind NWSEO representatives from communicating with its members, members of Congress or any other person regarding agency plans and how they are determined. These agreements also do not contain terms allowing reports of actual or impending law or rule violations, gross mismanagement, waste or abuse. The National Weather Service, NOAA and Commerce are presently implementing and enforcing nondisclosure agreements which violate the law."

Here is a headline and article excerpt from Canada **"How are scientists being muzzled?"**


PEER PROTECTING EMPLOYEES WHO PROTECT OUR ENVIRONMENT

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For Immediate Release: Oct 08, 2015
Contact: Kirsten Stade (202) 265-7337

WEATHER SERVICE EMPLOYEES TETHERED BY ILLEGAL GAG ORDERS

Special Counsel Asked to Reverse Recent Raft of Blanket Nondisclosure Policies

Posted on Oct 08, 2015 | Tags: NOAA

Washington, DC — National Weather Service employees face growing restrictions on their ability to disclose information about the inner workings of their agency, according to a complaint filed today by the National Weather Service Employees Organization (NWSEO) and Public Employees for Environmental Responsibility (PEER). They contend these gag orders are illegal and are pressing U.S. Special Counsel Carolyn Lerner to lift these nondisclosure policies and take action against responsible officials.

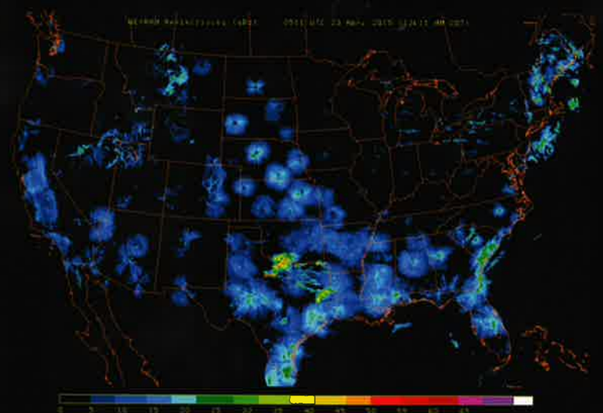
"In 2006, the Harper government introduced strict procedures around how its scientists are allowed to speak about their research to the media."

"In the past, journalists were generally able to contact scientists directly for interviews, but after these new directives they had to go through government communications officers."

"And scientists had to get pre-approval from their minister's office before speaking to members of national or international media, a process that can involve drafting potential questions and answers, which are then scrutinized by a team before the green light is given."

The same process of total science censorship is occurring in countless other countries .

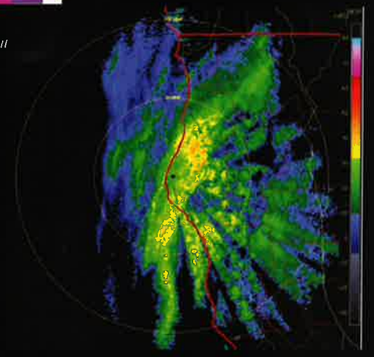
Hawthorne, Nevada. Photo credit: Steve Small



Radio frequency / microwave transmitters are scattered throughout the country and throughout the world.

Are there other unseen dangers associated with the ongoing covert climate intervention programs? Yes. Massively powerful (and dangerous) radio frequency transmissions are used to manipulate the electrically conductive Jet aircraft sprayed nano particles. This, in turn, manipulates air masses and weather.

Most mainstream media radar images are highly filtered so that the public does not see the blatant radio frequency / microwave precipitation manipulation like that shown on the image above.



The precipitation manipulating radio frequency / microwave transmission signal above is from a transmitter site south west of Eureka, California

Again, why would governments wish to engineer the global climate system? And again, the more appropriate question is this, why wouldn't completely corrupt and criminalized governments want to engage in patented climate engineering operations to serve their own purposes and agendas?

Morongo Valley, California. Photo credit: Ron Morgan

Reno, Nevada. Photo credit: Justin Pera

Climate modification and microwave transmissions

Populations are blindly accepting and ignoring the dangerous radio frequency / microwave transmission towers that are increasingly being constructed throughout our country (and the world). If you thought transmission towers were only for cell phone signal repeating, this is not the ease.

Radio frequency / microwave transmission towers in Redding, California. Photo credit: Jowyde Wigington

The massively powerful HAARP ionosphere heater transmission facility in Alaska.

Sea based X-band radio frequency / microwave transmission platform.

SBX transmission platform interior transmitter.

This NASA satellite image taken off the west coast of Africa reveals extensive microwave transmission manipulation.

This NASA satellite image clearly reveals many overlapping radio frequency / microwave transmissions in aerosolized cloud formations.

The ongoing atmospheric aerosol spraying and microwave / radio frequency transmissions are wreaking havoc with the Earth's life support systems and human health.

The willful spraying of highly toxic climate engineering particles into Earth's atmosphere with jet aircraft is inflicting unimaginable damage to the entire web of life (in addition to the climate system). Aluminum and barium are primary element named in climate engineering patents.

"Bees With Alzheimer's?" Aluminium Pollution Linked To Dementia In Bees" (RT TV)

Scientists Discover Jaw Dropping Levels Of Heavy Metals Found In Whales (NBC News)

Dementia And Alzheimer's Become Britain's Biggest Killer. (The Guardian)

"Autism Risk Linked to Particulate Air Pollution" (Scientific American)

"Massive Global Tree Die-Off Linked To Geoengineering" (GeoengineeringWatch.org)

Šiauliai, Lithuania. Photo credit: Zenonas Mockus

Aluminum Contents of Human Milk, Cow's Milk, and Infant Formulas (Journal of Pediatric Gastroenterology & Nutrition)

Cantabria, Spain. Photo credit: Alberto Ibañez

Sounding The Alarm

Are any top medical professionals speaking out about the highly toxic heavy metal climate engineering fallout and the devastating effects it is having on human health? Yes. Though the majority of the medical / industrial complex community has not yet been willing to openly address the critical climate engineering issue on the record, one renowned medical practitioner has shown exceptional courage by sounding a dire alarm over geoengineering, Dr. Russell Blaylock. The health dangers posed by the ongoing illegal global geoengineering programs are immense and worsening rapidly. Russell L. Blaylock, M.D. is an internationally recognized board certified neurosurgeon and a recipient of the Integrity In Science award granted by the Weston A. Price Foundation. Dr. Blaylock also serves on the editorial staffs of the Journal of the American Nutraceutical Associates, Surgical Neurology International, and the Journal of American Physicians and Surgeons.

"My major concern is that there is evidence that they are spraying tons of nanosized aluminum compounds. It has been demonstrated in the scientific and medical literature that nanosized particles are infinitely more reactive and induce intense inflammation in a number of tissues. Of special concern is the effect of these nanoparticles on the brain and spinal cord, as a growing list of neurodegenerative diseases, including Alzheimer's dementia, Parkinson's disease and Lou Gehrig's disease (ALS) are strongly related to exposure to environmental aluminum.

Nanoparticles of aluminum are not only infinitely more inflammatory, they also easily penetrate the brain by a number of routes, including the blood and olfactory nerves (the smell nerves in the nose). Studies have shown that these particles pass along the olfactory neural tracts, which connect directly to the area of the brain that is not only most affected by Alzheimer's disease, but also the earliest affected in the course of the disease. It also has the highest level of brain aluminum in Alzheimer's cases.

The intranasal route of exposure makes spraying of massive amounts of nanoaluminum into the skies especially hazardous, as it will be inhaled by people of all ages, including babies and small children for many hours. We know that older people have the greatest reaction to this airborne aluminum. Because of the nanosizing of the aluminum particles being used, home filtering system will not remove the aluminum, thus prolonging exposure, even indoors.

In addition to inhaling nanoaluminum, such spraying will saturate the ground, water and vegetation with high levels of aluminum. Normally, aluminum is poorly absorbed from the GI tract, but nanoaluminum is absorbed in much higher amounts. This absorbed aluminum has been shown to be distributed to a number of organs and tissues including the brain and spinal cord. Inhaling this environmentally suspended nanoaluminum will also produce tremendous inflammatory reaction within the lungs, which will pose a significant hazard to children and adults with asthma and pulmonary diseases.

I pray that the pilots who are spraying this dangerous substance fully understand that they are destroying the life and health of their families as well. This is also true of our political officials. Once the soil, plants and water sources are heavily contaminated there will be no way to reverse the damage that has been done. Steps need to be taken now to prevent an impending health disaster of enormous proportions if this project is not stopped immediately. Otherwise we will see an explosive increase in neurodegenerative diseases occurring in adults and the elderly in unprecedented rates as well as neurodevelopmental disorders in our children. We are already seeing a dramatic increase in these neurological disorders and it is occurring in younger people than ever before."

Las Vegas, Nevada. Photo credit- Cassandra Dunn

Redding, California. Photo credit- Jowyde Wigington 2

How can we stop the ongoing climate engineering / weather warfare assault?

Of all the challenges faced by the human race and life on Earth, the global geoengineering assault is mathematically the most dire and immediate (short of nuclear cataclysm). The effort to fully expose and subsequently halt climate engineering is the great imperative of our time. Once we reach a critical mass of awareness, and the geoengineering atrocities are fully visible to all, the rest of the wheels in the battle will begin to turn on their own as a significant percentage of the population understand they are facing a fight for life. As those in the US military (and their families) realize they are being used against their own citizens, the current paradigm can be shifted. Awareness raising links, instructions, and free downloadable GeoengineeringWatch.org informational flyers are available on the home page of our site.. We must prevail in the battle to expose and halt climate engineering, or all is lost. We will sink or swim together, all are needed in the critical effort to sound the alarm. What will you do? As the unfolding biosphere and societal collapse continues to accelerate, what will be your part in this all important effort to salvage what is yet left of Earth's life support systems? We must all make our voices heard while we can still make a difference, time is not on our side.

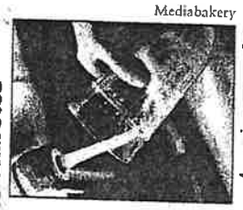
US News and World Report magazine
Sept 5, 2008

Health scare of the week
Tap water linked to diabetes

Arsenic in the U.S. water supply may be linked to an upswing in cases of type 2 diabetes, a new study finds. The toxin is commonly found in drinking water, though usually at levels so minuscule that experts did not think it posed a threat. But a new study by researchers at Johns Hopkins University in Baltimore found that even tiny amounts of arsenic can have a harmful effect. An analysis of arsenic levels in the urine of 788 people found a nearly fourfold increase in the risk of diabetes in people with minute arsenic concentrations in their systems, compared with people with even more negligible amounts. Arsenic can enter the water supply when minerals break down naturally or as an industrial pollutant. Some advocates are now pushing for tougher drinking-water standards and better filtration methods. "The good news is, this is preventable," study author Dr. Ana Navas-Acien tells the Associated Press.

THE WEEK September 5, 2008

Mediabakery



Arsenic, anyone?

Ryan East knew something was wrong with the water at his school as soon as he turned on the tap in the dorm bathroom. "The water had a peculiar smell," says East, now a sophomore at the University of Oklahoma in Norman. "By Thanksgiving I was experiencing headaches, bloating, abdominal pain, and numbness in my fingertips and tongue."

East discovered that these are symptoms of arsenic poisoning. The University of Oklahoma sits on top of a geologic formation called the Central Oklahoma Aquifer. A major source of water for the state, it was found to contain small amounts of dissolved arsenic, a naturally occurring element that has been linked to lung, liver, and colon cancer.

What is happening in Oklahoma underscores the frightening truth about the water supply in the United States: It may not be as safe as we think it is. Millions of Americans' drinking water may have contaminants that, in high enough concentrations, can damage the nervous, immune, and endocrine systems and cause birth defects.

Major public-health progress has been made in the last century—the chlorination process has all but eliminated cholera and typhoid, two of the deadliest waterborne diseases; water utilities are required to monitor regularly for at least 87 of the most harmful contaminants. There are now more than 2,800 chemicals in active use, however, and most of them are lightly regulated at best. Eighty-two substances, from antibiotics and steroids to chemicals from insecticides and detergents, are consistently found in the surface waters that supply drinking water to many areas, according to the U.S. Geological Survey. No one knows for sure how dangerous all these contaminants are, but what's certain is that some of them are coming out of your tap.

To find out how many chemicals are in your water, *Organic Style* obtained water-quality reports from 586 utilities serving 25 cities, or nearly 44 million people—about 15 percent of the U.S. population. We found no link between the size of a utility and its water quality: Some large systems appear to be quite free of contaminants (Detroit, Memphis); others are among the worst (New York City, San Francisco). And we found no geographic patterns for contaminants. Arsenic is a problem all over: in the West (Seattle, Fresno), in the Midwest (Des Moines; Oshkosh, Wisconsin), and in the Northeast (Nashua, New Hampshire; Philadelphia). Radioactive contaminants, nitrates, lead, bacteria, the gasoline additive called methyl tertiary butyl ether (MTBE), pesticides, and volatile organic compounds (VOCs) were also found at high levels in several cities.

To learn more about the quality of your water, get a copy of the report from your utility company (see above right) or have your tap water tested (see page 116). If you're concerned about the water's safety—especially if the water report shows that one or more contaminants are near the standard level or if there are 20 or more contaminants present—install a filter (for filter recommendations, see page 140).

Most important, don't take clean water for granted. Many communities across the country have water that is, quite literally, making them sick. Here's a look at the hazards many families are facing every time they turn on the faucet.

How to **request a water report**

Your water utility is required to mail reports to all of its customers every July (if you rent, ask your landlord). If you've misplaced yours, go to epa.gov/safewater/dwinfo.htm and click on "see if your report is posted on-line." You can also call the EPA's Safe Drinking Water Hotline at 800-426-4791 to find out which utility serves you and how to get a report.

Arsenic on Tap

In 2003, tests showed that the wells serving Ryan East and his fellow students at the University of Oklahoma in Norman contained 35 parts per billion of arsenic. Although that's below the Environmental Protection Agency's current permissible level of 50 ppb in drinking water, it's well above the new limit of 10 ppb, which the EPA says water systems cannot exceed by 2006. The EPA decided to reduce the limit to 10 ppb because one out of 100 people who drink water containing an arsenic level of 50 ppb will get cancer of the skin, kidneys, nasal passages, liver, prostate, lungs, or bladder, according to estimates by the National Academy of Sciences. In fact, even at 10 ppb the risk of dying from an arsenic-related cancer is one in 500. Some scientists believe that any detectable level of arsenic contributes to cardiovascular disease and disorders of the immune, endocrine, and nervous systems.

Originally the EPA had recommended a limit of 5 ppb, which reduces the lifetime cancer risk to one in 1,000. The agency changed it to 10 ppb after health and engineering experts gathered data on the effects of arsenic in water and the costs of meeting the proposed regulations. "Both health and economics can be benefited at 10 ppb," says Amy Zander, PhD, a professor of civil and environmental engineering at Clarkson University in Potsdam, New York, who participated in the EPA analysis. "It's an acceptable risk at an acceptable cost." Gina Solomon, MD, a senior scientist with the Natural Resources Defense Council, disagrees. "This new standard is not what I would call safe," she says. "It's what I would call a compromise."

Continued on page 116

Sept. 2004
Organic Style.com

PENINSULA PEOPLE OPINIONS

Chloramine causes collateral health damage

CHLORAMINE IS A TOXIN added to drinking water we receive from the Hetch Hetchy system. Chloramine is ammonia added to chlorine to make chloramine. Listed in the MSDS industrial chemistry book, chloramine is to be used in an emergency and does not have an antidote. Chloramine cannot be boiled out of the water and can kill fish in hobby tanks and as shown from research, can cause canine hysteria.

GUEST OPINION
BY WINN PARKER

Hemodialysis patients have a special consideration not to have chlormaine in their blood. They could die in minutes.

Chronic kidney disease causes the organs to slowly lose their ability to filter waste out of the bloodstream. Many of the 20 million people estimated to have kidney disease do not know it. The Public Utility Commission is asking humans to be a human processing plant for the chloramine in the body.

Charcoal filters cannot take out the nitrogen in the ammonia. The PUC's requested human processing plant – which is us – can bioaccumulate the nitrogern-toxins from an impaired kidney, liver or impaired immune system. The bioaccumulation of amine toxins and secondary cancer products are going to accumulate even in various dosages of ammonia to chlorine in the drinking water.

Chlolramine in drinking water can enter the digestion and blood stream in another form called a nitrogen balance. Nitrogen balance refers to the difference between nitrogen intake and total nitrogen loss in urine, sweat and bowel elimination. Ammonia, derived mainly from breakdown of amino acids, is toxic to all animals. Human tissues, therefore, initially detoxify ammonia by converting it to glutamine for transport to the liver. Collateral health damage from ammonia upsets the pH balance of the body. If the liver is functioning properly, it

DOUG OAKLEY
Winn Parker of Millbrae is campaigning against the use of chloramine in Bay Area water supplies.

releases ammonia converted into the non-toxic nitrogen-rich compound urea in the urine. If the amine of the liver is compromised, ammonia accumulates in the blood and generates serious consequences.

N-nitrosodiumethyamine (NDMA), a probably carcinogen, is a likely by-product of cloramination of drinking water. Collateral health damage from this secondary cancer by-product, NDMA, will probably decrease immunity in the human body. Journal AWWA, Feb. 2001, Vol. 93, No. 2, pp. 92-99.

There are other examples of possible collateral health damage from chloramine explained in other scientific journals, one affecting thyroid metabolism in healthy men and another affecting white blood cells that are needed for a healthy immune system.

Research shows there is also collateral health damage when chloramine interacts with certain medicines. For example, chloramine can change the interaction in the body from taking antidepressants with the drinking water. Statins, which reduce cholesterol levels, are influenced by chloramine drinking water entering the cells of the body. Propecia, for male pattern baldness, is, interactive with chloramine.

Chloramine has been known to cause corrosive pipe deterioration releasing lead and other toxins from pipes eaten away by chloramine. This could cost consumers billions of dollars a years and adversely impact public health.

For a short-term solution, consumers should have filters to remove lead from the water. The long-term solution is to eventually replace all significant lead-bearing materials that are used in the water system. This will take generations to implement. Rather, we must NOW remove chloramine, which is a toxin and produces secondary cancer by-products, and has uncertainties and risks. Since chloramine is a toxin added to the water, water qualifies to be labeled as a toxin under Proposition 65.

If it costs close to $400 million to have alternative technologies for our water to be chemically free, it is a small price to pay compared to the $3.5 billion 13-year build-out of the Hetch Hetchy water system.

After the installation of alternative technologies, we will not have to worry about setting caps on tort damage lawsuits resulting from wrongful death suits against the state, county, and city councils.

Winn Parker is a global medical and bioscience clinical intellectual property venture capital licensing agreement analyst. He is a licensed clinical medical scientist and an expert witness in medical science and biomedical cases, in addition to being a former consultant to the World Health Organization. Parker lives in Millbrae.

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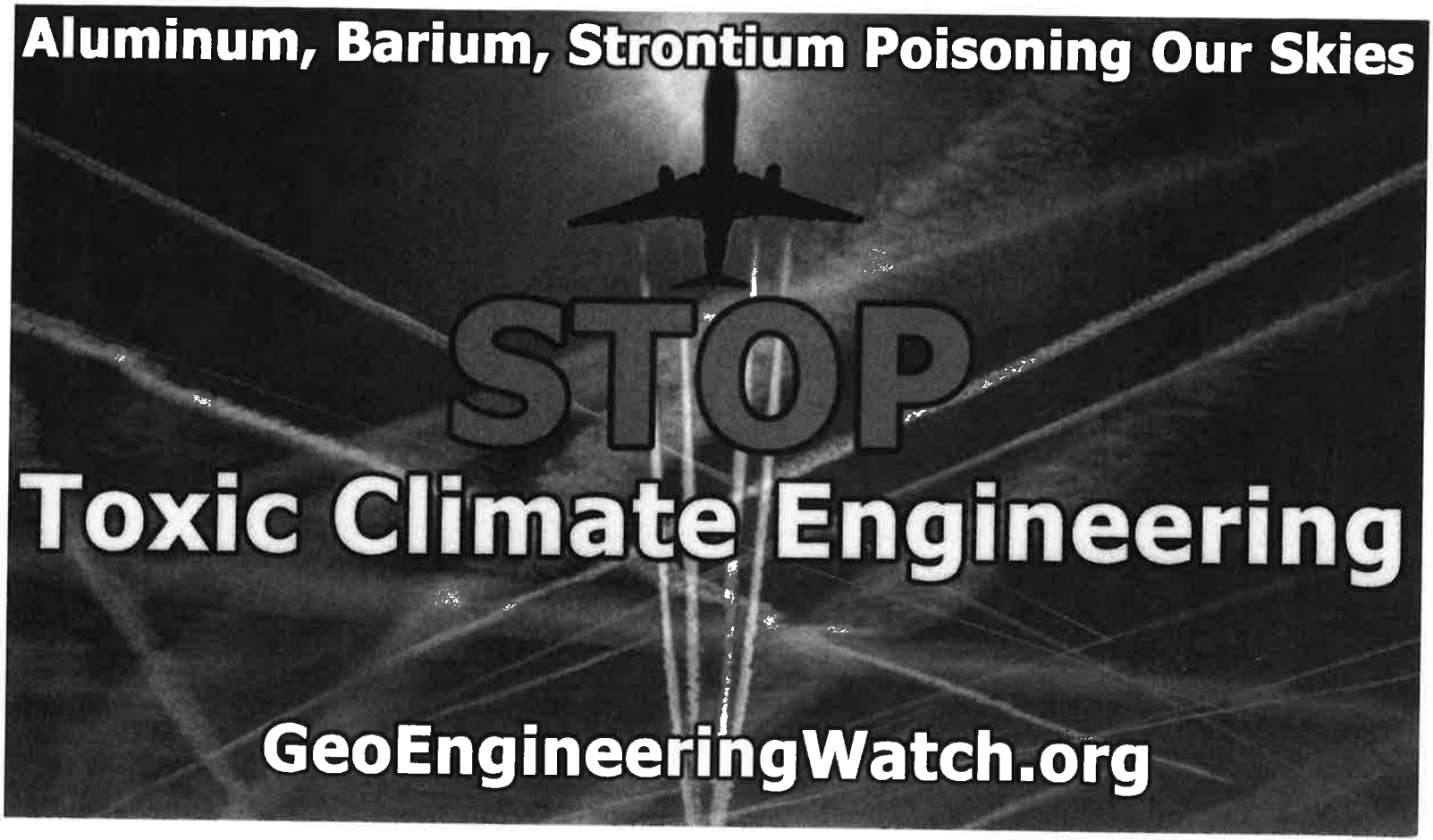
Aluminum, Barium, Strontium Poisoning Our Skies
STOP
Toxic Climate Engineering
GeoEngineeringWatch.org

Vancouver City Council Meeting **March 14, 2022**

To the Mayor and City Council, I am asking you to revoke your membership to the ICLEI and stop paying dues. This is an International Council not an American one. It is a foreign entity. So does the attorney general work for we the people of Vancouver or you the council who is pushing the United Nations Agendas through the ICLEI?

1 If you look at Article 19 of the UN Covenant:

Everyone shall have the right to hold opinions without interference.

But then it states:

The exercise of the rights provided for in...this article carries with it special duties and responsibilities. It may therefore be subject to certain restrictions, but these shall only be such as are provided by the law and are necessary.

This violates the 1st Amendment of the Constitution. It basically says speech is free but you can be censored if they don't like it. Kind of like the Face Book fact checkers.

The objective of the United Nations is to have a "One World One Nation," basically under Communism. Biden recently spoke of the Central Bank doing cryptocurrency. China calls it the Social Credit System. The UN tried to get everyone to go along with vaccine passports which then could be inclusive of your ID, vaccine status, traveling, and banking. Look what Canada did to the truckers at their peaceful protest. They froze the truckers funds. China does it to people that do not follow their policies. If they don't go along with the government they could disable them from traveling, purchasing food or shelter. This is a great way for the Central Bank to gain control and steal Americans' money.

Communism and Socialism use fear, propaganda, and censorship to promote their cause. The pandemic started the fear campaign. The propaganda was the vaccines would save lives, the censorship was medicines like hydroxychloroquine and Ivermectin that work in conjunction with vitamin C, D_3, and zinc. We were told the masks stop the spread but NIH studies show cloth masks and medical grade do not stop the penetration of viruses. There was no science behind 6 ft. social distancing either. No early treatments for COVID-19 were being given. Wait till

you have difficulty breathing and hospitalized then put you on a ventilator and give Remdesivir that can cause kidney and/or liver failure. Keep up the fear and change definition the of vaccines to try to include gene therapy. Show your vaccine status to keep your job, which is coercion especially for an experimental emergency use "vaccine." All the breakthrough cases indicated the vaccines didn't work or only briefly. Why discriminate between Vaxxed and UnVaxxed when they both could get and spread the virus? **It was all about CONTROL!**

The ICLEI uses the environmental issues as a guise to control the people. We see the cards being played. Raise gas prices to high that people can't afford to drive to work. Inflation at an all time high. Most people couldn't afford to buy a new electric car. The objective is to force people into the cities and get them to use public transportation and live in the stackem-packems. They want people out of the rural areas into the cities because if they are all together, they are easier to control. Even the schools are indoctrinating the children on these environmental issues.

If you cared about the environment and the people, why are you putting the poison fluoride in our drinking water and allowing the chemtrails to dump God knows what almost daily? When schools are sprayed for pesticides, parents are supposed to be notified. I want to be notified daily what those planes are spraying on us.

Lastly, your online council meetings violate are 1st amendment right for peaceful assembly. I question the transparency. I have to wonder if you are hiding something.

1 Arthur R. Thompson, The UN's Agenda 2030: Marxist Stealth Plan For World Government, p. 19, The John Birch Society Appleton, Wisconsin, May 2021

Laurel Pascual