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Senator Bernie Sanders

Former Chairman Committee on Veterans Affairs Russell Senate Building Room 412, Washington, D.C. 20510-6050

2 January 2015

#### SUBJECT: VETERANS AFFAIRS

Senator Sanders.

Once again, thank you for your response dated December 11, 2014.

In my initial response to you with my letter dated December 23, 2014 I indicated at least three subjects I was to cover in subsequent letters in overview of issues:

The Tragedy in Overview Veterans Medical Issues Veterans Benefit Issues

This letter will be on the "Tragedy in Overview."

I do not think anyone can deny the "total government collusion" in our Herbicide Issues. All one really has to do is look at the real evidence and the obvious is just that; "obvious government collusion."

From Veterans Affairs dragging their feet in congressional mandates for years, White House interference, congress's own house report HR 101-672 on the White House interference at the Center for Disease Control, Veterans Affairs distancing the government from the sick and dying returning Veterans that the herbicides had never harmed one individual while at the same time meeting behind closed doors with chemical company scientists and executives then rewarding them with Veterans Affairs positions, scientific studies mandated by congress politically interfered with to the point of the study then became a travesty of useless data; even all-site cancers were found dioxin associated to even military non-sprayers. Dioxin levels found statistically significant within the government's own study associated to all cancers. The refusal to publish such study findings regarding cancers as just one example "is against the law;" except when it comes to Veterans or so it seems. Study scientists after decades of denial finally admitted many forced fatal flaws in the study including the ones Veterans themselves pointed out years before on fatally flawed assumptions on exposures and the comparison cohort, a White House memo to federal agencies "not to find associations" to the herbicides and the Veterans Health problems that congress was readily aware, etc.

Yes and the list goes on. If you need more I certainly can provide it.

I would be remiss in not stating the also obvious facts that none of this could have happened without the house and senate turning a blind eye for four plus decades and continues to this day.

I would have to say this blindness contributed mightily to the successful government campaign to deny impacts and failure of my guys and my Marines to be service connected. Yes all of you can play dumb but

eventually I hope even the press and history will report just how disgusting this has been by our government in total. You condemn Veterans Medical Benefits for allowing Veterans to die with no medical treatment or delayed medical treatment. That number is miniscule compared to the number of Veterans congress and our presidents have allowed to die or become disabled with no service connection. By default that means no medical treatment. I see little difference only at the level the treatment was denied.

The reader might think this is just one issue for our Veterans/Widows in this one subject. Not so reader.

As I did my research over two decades I was amazed at other era Veterans that faced this same form of government collusion. This not only involved Veterans Affairs but also the Department of Defense. The government learned its "tradecraft" very well indeed.

Since I am trying to constrain myself to this single issue I will just post the issues I found similar if not the exact same thing in government collusion and fraud against our Veterans and their Widows.

In other words the real cost of war and government mistakes or should have been if not for government collusion and conspiracy against the nations best citizens.

Should you require further discussion on these other separate issues listed you only have to ask.

By denying any and all impacts the Veteran or Widow then "subsides on their backs and work the real cost of war," government mistakes in creating death and disability and government guinea pig testing of Veterans resulting in who knows what.

- · Mustard Gas and engineered bio-toxins
- Radiation damages
- LSD testing
- Project 112 and SHAD testing
- Herbicide Issues (15 different toxic chemicals plus DEET plus Dapsone plus Malathion)
- Denial of Blue Water Navy exposures when clearly the evidence demonstrates there was exposures
- Denial of usage in other areas stateside as well as overseas areas
- Denial of presumptive exposures to those that flew and maintained the dioxin rich Ranch Hand aircraft after the Vietnam War.
- Korean DMZ dates of inclusion and even other areas of Korea known to be dioxin usage areas
- Gulf War Syndrome
- Burning Pit issues

It just goes on...and on.

That Senator Sander is a list of history of shame for this government and its political leaders; including presidents.

The real tragedy if not for the government collusion and conspiracy to deny all impacts, which some still go on today, is Veterans were already exposed and damaged. A perfect scenario for testing to find out how these environmental toxic chemicals either by themselves or in synergy create immune system issues and autoimmune disorders; endocrine issues; diabetes; \*heart disease associated to atherosclerosis which effects the entire arty tree yet somehow Veterans Affairs and/or the Institute of Medicine have determined this dioxin created damaging arty process is only associated to the heart (scientific witchcraft allowed by

congress), even single bone loss in a hip from avascular necrosis can be found associated to atherosclerosis; neurological disorders; psychiatric issues; all site cancers; sleep apnea; hypertension; non-cancer lung issues in the form of COPD disorders as found increased by VA's own study of the Army Chemical Corps, etc. The way the study was set up one would have to question what it is they were trying to associate. It certainly was not inline with what the IOM had requested and even Ranch Hand scientists questioned their cohort selection and received some political answer as to why it was not done as requested.

Many, in fact most, of these issues are still denied by Veterans Affairs forcing the Veteran or Widow to the Board of Veterans Appeals and their insane processes for years more or even a decade of waiting. Does anyone really question why we have such a backlog for "earned benefits" if not on purpose? It cannot be this bad if not on purpose is the common sense analogy!

\*Senator Sanders please have your own doctor explain it to you how you can have a dioxin created damaging process called atherosclerosis in your body and how it can only and "shall only" according to VA/IOM have impacts on your heart. Have him or her explain how it is the atherosclerosis in your body "cannot effect" your brain or kidneys, other organs, or even a hip loss. Have him or her explain it because the medical books and my physicians cannot.

What a waste by government collusion that could have benefited humanity in its entirety. If not just in biological plausibility when issues at some level in the cellular process is found associated and how that manifests into many death and disability disorders. Much of it already in research and in the medical books but denied by Veterans Affairs.

Once identified at cellular dysregulation levels these immune system disorders including cancer/tumor development could have eventually been treated and cured with immune therapy treatment in the future instead of what medicine does today with this barbaric radiation and poison treatment. But just maybe the government does not want to cure cancer or immune system disorders anytime soon.

Certainly the causation in overview of disorders created by environmental toxic chemicals could have at least been identified if the government had told the truth. Yes and even a dose level for some issues at especially lower dose levels, if there is one, could have educated many in the field of toxicology. Although I suspect many of our scientists already know the ills that are created by these toxic chemicals. They have seen the reprisals by the government for truth. Why would they fall on their swords for a bunch of used up obsolete government assets?

With dioxins, especially the worst TCDD, it seems even an extremely low dose at the wrong time in anyone's health over life can have life long consequences. I doubt anyone could say the Vietnam Veteran was in the peak of health in that war.

By denying these facts in issues not only has the government been fraudulent in benefits but the loss of the opportunity to study these effects in men and women already exposed to unprecedented levels for the benefit of humanity is inexcusable.

Many nations are seeing this same rise in medical issues that we have in this nation and some have even attributed them to these dioxins in their own studies. Yes and even the autism in our offspring seems to be also be an indictment of these dioxins.

#### More on this issue in Veterans Benefits Issues.

One honest study found the following when comparing non-Vietnam Veterans to I Corps and II Corps Vietnam Veterans a dioxin, TCDD, association in interleukins and cytokines dysregulation. This dysregulation then manifests into confusion among the programming of cells such as macrophages and monocycles. In other words directed immunity and cancer prevention become confused.

Interleukin or (IL), is any of a group of naturally occurring proteins that mediate communication between cells. Interleukins regulate cell growth, differentiation, and motility. They are particularly important in stimulating immune responses, such as inflammation.

Interleukins are a subset of a larger group of cellular messenger molecules called cytokines, which are modulators of cellular behavior. Like other cytokines, interleukins are not stored within cells but are instead secreted rapidly, and briefly, in response to a stimulus, such as an infectious agent. Once an interleukin has been produced, it travels to \*its target cell and binds to it via a receptor molecule on the cell's surface. This interaction triggers a cascade of signals within the target cell that ultimately alter the cell's behavior.

\*It should be noted here that dioxins are noted for interference at the cell receptors at least in a very broad overview. These receptors are the communications portal between the cell and the outside world. This interface triggers changes in the function of the cell itself. In other words real time software programming which can be corrupted by the dioxin compound(s).

Since "all cells" have this receptor how can Veterans Affairs or the Institute of Medicine or anyone for that matter limit our presumptive disorders to the very few we have at present. Given the difference of types of exposure, number of exposures, method of exposure, numbers of different toxic chemical exposures, health at time of exposures and most important the Veterans unique cellular DNA can anyone really believe Veterans Affairs and/or the Institute of Medicine are that smart? Yes they have that power but are their scientific decisions rational or just political on behalf of a less than grateful government.

Since "all cells" have this receptor how can Veterans Affairs or the Institute of Medicine even suggest that no immune system dysfunction will occur due to dioxins much less the other toxic chemicals with simultaneous exposures in a well known and clearly identified scientific phenomenon called synergy.

If these interleukins and cytokines get confused then you have a serious medical problem or in some cases "many problems." If they produce excess or not enough for communication then you have varied serious cellular problems. You end up with a depleted immune system or attacking immune system or the treating physicians worst nightmare both depleted in one area and then inflammatory in another area.

Everyone has forming cancer cells in their body at some time. The defensive mechanism of the human immune system is nothing short of a marvel of nature. It identifies or marks the cancer cells, calls for destruction, and then calls for a clean up; at least in simple terms. Once this process is confused by dioxin you not only get failure to mark for destruction you can actually get cellular signals to promote cancer or tumor growth by dioxin deranged vascular endothelial growth factors or VEFG that enhance the process of cancer or tumors..

Senator Sanders "KNOWN biological plausibility clearly defined in medicine" is certainly in the realm of "at least as likely as not." The standard you yourself and the congress indicated was all the Veteran or Widow needed for service connection. Yet Veterans Affairs continues to deny what 200 years of medicine have

published. You say the Veteran gets the Benefit of the Doubt. Yet even published medical books cannot even get the benefit of the doubt.

The study I am citing in general was the only honest study I could find in comparing Vietnam Veterans to Non-Vietnam Veterans. Something "this government has never done" for obvious reasons of collusion. Even though congress requested this comparison over four decades ago. You just might find the real truth.

This study actually pointed out they were finding many of the same issues Ranch Hand was finding but could not understand why Ranch Hand had not found the associated heart issues including heart valve issues. Ranch Hand had found some of the issues by official transcripts they just did not publish the facts.

In fact, I found statements in those transcripts that the Ranch Hand cohorts were dying from heart issues and not living long enough to develop cancers.

Senator Sanders this was in the 1990's and yet just a few years back to his credit Secretary Shinseki added this death and disability creator to the list of presumptive disorders in the form of Ischemic Heart Disease or IHD.. What is even more amazing is this study found many issues just outside of the required statistical measuring stick for association. One reason they were outside the measuring stick was they were comparing to four levels of dioxin which is bogus as we now know. Remembering that dioxin impacts are over life issues and any study is simply a snapshot in time. In other words most of the issues found just outside significance in a few short years became significant. For example they found Parkinson's just outside this p= .050 in an unknown science and for all intensive purposes many unknowns in exposures and exposure methods. As you know Secretary Shinseki also added that to the list of presumptive disorders...finally. Many of these issues found are still denied by this government.

The above statements on cancer would certainly conclude that even though all-site cancers were found and not published; if not for the multi-system death impacts of dioxins the all-site cancer rate obviously would have been massive.

This also concludes that immune system damages were taking place. Not all immune system damages will maturate to a cancer depending on many variables; including DNA. Just as the new findings that just came out stating 66% of cancer and cancer location is the luck of the draw.

Veterans Affairs and the Institute of Medicine continue to deny any and all immune system disorders. Even though it is a known fact that dioxins are known and established endocrine and immune system disruptors.

Are we going to continue with this ruse of a dose response in a toxic chemical that does not act as a poison where the more you get the worse it is and dioxins are certainly not antigenic? Then how can Veterans Affairs and the Institute of Medicine deny the Environmental Protection Agency expert statements in their 1992 dioxin reassessment for heavens sakes that immune system damages require a dose 100 times less than a cancer creating dose? Experts that have actually done empirical dioxin testing. Not just some review or comparison of studies to the Veterans toxic chemical experience by Veterans Affairs and the Institute of Medicine that are not only questionable to begin with but questionable as to how they apply to the facts of the Veterans exposures if at all.

Would not common sense and a little knowledge of the war and a little knowledge of mathematics conclude that more Veterans being exposed would have immune system problems than cancers?

Or are we to now assume that all Vietnam Era Veterans got enough of a dose or separate doses that no immune system disorders will take place and only cancers will develop? Only politicians can have a set of facts and have it both ways.

In science this having it both ways cannot take place unless it is not factual to begin with or colluded by government.

Senator Sanders there are at least 75 different types of immune system issues that I am confident my guys and my Marines suffer from. From simple to very complex issues that can also create death and/or disability.

Significant study differential findings as simple as I can in issues that were found compromised and found statistical between Vietnam Veterans and non-Vietnam Veterans:

#### IFN gamma or Interferon gamma

- Anomalous IFN gamma expression is associated with a number of auto-inflammatory and autoimmune diseases.
  - Any disease that results from such an anomalous immune response is termed an autoimmune disease.
- Just a few prominent examples of autoimmune disorders include Celiac disease, diabetes mellitus type 1, Sarcoidosis, systemic lupus erythematosus (SLE), Sjögren's syndrome, Churg-Strauss Syndrome, Hashimoto's thyroiditis, Graves' disease, idiopathic thrombocytopenic purpura, Addison's Disease, rheumatoid arthritis (RA), Polymyositis (PM), and Dermatomyositis (DM). It should be noted as well more and more Diabetes Type II is making its way to be classified as an immune system issue (as a guess probably from an immune compromised autonomic nervous system). There are probably 75 variants of autoimmune conditions in this category. The testing of our Veterans particularly could have benefited humanity in total if not for government cover-up.

# TNF alpha or Tumor Necrosis Factor alpha

- Tumor Necrosis refers to a group of cytokines that can cause cell death (apoptosis).
  - Excessive apoptosis causes atrophy, whereas an insufficient amount results in uncontrolled cell proliferation, such as \*cancer.
- \* I can find nothing in my research that indicates this uncontrolled cell proliferation creating cancer is limited to a specific type of cancer or cancer sites as decreed by our friends at Veterans Affairs and the IOM. This I think adds credence to the governments own findings of dioxins associations to all-site cancers. You just failed to publish the real found facts!
  - Apoptosis is the process of programmed cell death (PCD). Biochemical events lead to characteristic cell
    changes (morphology) and death. These changes include blebbing, cell shrinkage, nuclear
    fragmentation, chromatin condensation, and \*\*chromosomal DNA fragmentation.

\*\* added this in reference to another honest study done by the New Zealand scientists on their Vietnam Veterans. One of my counter parts was in this study and I have the participants report as well as the published study.

To be clear here in terms regarding chromosome fragmentation referenced above; chromosomes can be found in three forms: thread-like chromatin (during G1 of interphase), thread-like sister chromatids (during S-phase of interphase) and the condensed, visible form (during mitosis). Does it make any difference to the Veteran as to what phase the genetic damage is being done? I would guess not since the outcome is the same...genetic damages.

"Genetic Damages in New Zealand Vietnam War Veterans" and "Elevated Sister chromatid exchange frequencies in New Zealand Vietnam War Veterans." This study was only published seven years ago and the results are according to their scientists:

"The discovery of a highly significant difference in sister chromatid exchange frequency between the Vietnam War Veterans and matched controls, together with an exceptional high frequency SCE counts/cell (HFC) count in the Veterans, leads us to conclude that the sample of New Zealand Vietnam War Veterans in the present study were exposed to a harmful calstongenic agent(s) as a result of service in Vietnam, \*which continues to exert an observable genetic effect today!"

"We conclude that the New Zealand Vietnam War Veterans studied here were exposed to a clastogenic substance(s) which continues to exert an observable genetic effect today and suggest that this is attributable to the their service in Vietnam.

\* so much for the ignorance and arrogance of senator Webb and those uninformed like him in the senate and congress. Either that or they all were playing dumb in order to deny Veterans, Widows and damaged offspring once again. If this damaging process still exists then how can anyone state that Dioxin issues are not over life?

Calstongenic in biology is a mutagenic agent giving rise to or inducing disruption or breakages of chromosomes, leading to sections of the chromosome being deleted, added, or rearranged. This process is a form of mutagenesis, and can lead to carcinogenesis, \*as cells that are not killed by the clastogenic effect may become cancerous! Some known clastogens include acridine yellow, benzene, ethylene oxide, arsenic, phosphine and mimosine. \*\*Exposure to clastogens increases frequency of abnormal germ cells in paternal males, contributing to developmental effects in the fetus upon fertilization.

- \* Cancerous but no where can I find once again where this process is in line with Veterans Affairs and the IOM as to only the cancers they say are presumptive to exposures.
- \*\* Once again in my research in that scientific statement regarding paternal exposures to a calstongenic chemical and creating developmental effects in the fetus can I find this birth defects or developmental problems and confusion in offspring for paternal exposures are limited to "spina bifida only."

Is this the reason why so many returning Vietnam Veterans and their wives had miscarriage after miscarriage when before their tour they had no problem having health offspring?

Senator Sanders this limited birth defects for paternal exposures in what is a class of birth defects singled out of that class by Veterans Affairs and IOM is simply scientific fraud.

This is especially disconcerting when you find that women serving in Vietnam were given 18 additional birth defects by this nation as presumptive. Yet in the medical definitions nothing is stated regarding the egg and calstongenic issues. Yes we realize that the women were given these 18 birth defects for serving in theatre; not any associations to herbicides. Nice touch but hardly honest.

Senator Sanders do you think the Veterans care if you associate their disorders or their offspring disorders to service in Vietnam only? It makes sense it was the herbicides but this precedence has already been set if you and the other senators and congressional folks want to still play nice with chemical companies.

So yes we have the results in one study and the possible as to why in the other study although at a different levels.

Once again I say that study findings and known biological plausibility is equal to a statistical increase or increased risk of incidence. More to the point we have all of it and are still denied. Those standards are what the government said we needed and yet Veterans Affairs continues to deny; so you and the congress lied.

For folks like Senator Webb and the others up there that were and continue to be ignorant on the issues the scientists and studies adjusted the results for age, smoking, and alcohol. <u>No more excuses!</u>

In all cases the Veterans tested much higher. In fact the report was "highly significant difference." From what I gathered the testing was the same used in radiation dna damage testing. The same protocol was used after the 1956 OPERATION Grapple nuclear testing that was done by the British.

"...in conclusion there is evidence that these men may have incurred persistent genetic damage."

"...which continues to exert an observable genetic effect today (at least 2006)!"

Yes both sample sizes were small. But when 100% is found and in the other study it reached research significance possibly as to the how or what created the genetic damages, then given how the issues found play in correlation in what we already know as fact...it no longer is once upon a time when the government tried to cover all of it up. The facts seemed to speak for themselves in spite of the government and its federal agencies.

Are we to now believe that this study only applies to New Zealand Veterans that served and our Veterans, the Aussies, and the Korean Veterans are totally different?

## IL-4 or Interleukin 4 found increased

- This one from my research is a no brainier and yet the development of autoimmune disorders from this found association is still denied.
- Medical research had already found that IL-4 creates an issue in IgE antibodies and IgG1 antibodies. It
  proliferates IgE antibodies and reduces the IgG1 antibodies. IgG1 being the largest antibody and is
  directed against infections. Add to that the honest study I referenced found the same thing in
  comparing Vietnam Veterans to non-Vietnam Veterans; proliferation and differential issues issues with
  IgE and IgG1.

- The problem lies in the government not promoting these issues for our exposed Veterans. The doctor
  runs an IgG test and it is within normal range or even lower but still in range. This is a cumulative test
  for all four IgG antibodies. If the doctor had run only IgG1 he or she might have found out that this
  main antibody is low and that is why the Veteran has constant infections as an example.
  - IL-4 induces B-cell class switching to IgE, and up-regulates MHC class II production. IL-4 decreases the production of Th1 cells, macrophages, IFN-gamma, and dendritic cell IL-12.
     ...decreases the level of IFN gamma; exactly what was found associated.
  - ☑ Now we have another interleukin involved in IL-12. IL-12 is also linked with autoimmunity according to science. IL-12 acts as the messengers between the innate and the adaptive immune systems.
- Overproduction of IL-4 is also associated with allergies.

As I indicated before the Army Chemical Corps study by Veterans Affairs while suspect in methodology of course indeed found COPD and others that are still denied by Veterans Affairs. To include an association to hepatitis for just serving in Vietnam; which is still denied.

• Found significantly elevated; diabetes, heart disease, hypertension, chronic respiratory problems defined as non-cancer lung issues or COPD.

### IL-10 or Interleukin 10 found increased

- Studies have shown altered IL-10 serum levels in autoimmune disease have found a link between IL-10 levels and disease.
- High serum levels of IL-10 have been documented in human autoimmune diseases.

The following disorders are referenced as IL-10 increases: systemic lupus erythematosus (SLE) patients, rheumatoid arthritis patients, Kawasaki disease, polymyositis and dermatomyositis patients, pemphigus vulgaris and bullous pemphigoid patients, autoimmune lymphoproliferative syndrome (ALPS), Sjogren's syndrome, Grave's disease, myasthenia gravis, psoriasis, etc

- Autoimmune lymphoproliferative syndrome or ALPS from increased IL-10 is especially germane since the medical books conclude a development of secondary cancers from the autoimmune condition is possible. This includes the following that are associated but are minimized in their manifestation:
  - ② Symptoms of the nervous system include: Autoimmune cerebellar ataxia; Guillain-Barre syndrome; transverse myelitis. Gastrointestinal signs like Autoimmune esophagitis, gastritis, colitis, hepatitis, pancreatitis can be found or (Dermatologic) \*Urticaria, (Pulmonary) Bronchiolitis obliterans, (Renal) Autoimmune glomerulonephritis, nephrotic syndrome.
- \* I personally found the Urticaria association remarkable since I had a very rare form of this disorder called "pressure urticaria" for 14 years; both chronic as well as acute. I would not wish this very painful disorder on anyone; including congress for what they have done to us. It was rare back then, since no one knew what it was I had exactly but not so rare now as my immune system doctors are telling me. Another possible increase from the use of dioxins and like compounds as an outside causation in the noted increase. The course of this

disorder the medical books say is about eight to twelve years before it resolves. Resolves is another medical way of saying the immune system maturates to something else.

# <u>IL-4:IFN gamma ratio (ratio of the relative increase in IL-4 to IFN production of PMBC T-cells) peripheral</u> blood mononuclear cell.

 This ratio was calculated according to the study scientists to clearly demonstrate the found overall mean increases.

### The EPA also concluded that IL-6 and IL-1 beta were also comprised by dioxins.

- IL-6 = Large-scale human genetic and biomarker data are consistent with a causal association between IL6-related pathways and coronary heart disease.
- IL-1 beta = Higher levels are associated with anxiety, panic disorders and cardiovascular risk; involved in the proliferation, differentiation and apoptosis of cells; found associated with increased risk of stomach cancer; promotes tumor growth; IL-1 beta is implicated in breast and ovary cancers; increased cardiovascular risk, cardiovascular Diseases; activity has been linked to TNF pathway involved in RA; IL-1 beta levels as a biomarker of periodontal disease, etc.

The study scientific overall conclusions were: "..this study overall suggests military service in Vietnam and/or Agent Orange exposure disturbs immune homeostasis resulting in dysregulation of B and T cell activities."

Once this B and T cell confusion starts, no matter what the level, or continues to manifest and maturate all bets are off on someone, anyone, stating that this confusion cannot produce various outcomes and is limited to what they determine as "shall only produce." Talk about voodoo science!

Senator Sanders for anyone to say that some of the Vietnam Era Herbicide Veterans do not suffer from any autoimmunity issues would be patently a scientific falsehood. Even the EPA reports early on suggested dioxins were directly responsible for creating immune system toxicity issues at a low level of exposure.

Senator Sanders for anyone to say that some Vietnam Era Herbicide Veteran has not been damaged genetically would also be patently false.

Senator Sanders for anyone to say that some of the Vietnam Era Herbicide Veteran has not passed on genetic disorders to their offspring via damaged genetic sperm cells in more than just the creation of spina bifida would also be patently false. What remains to be seen is how many generations this genetic damage continues until nature rights itself.

Senator Sanders I doubt very seriously once this damaging process is in play that the process cares one whit about the limitations Veterans Affairs and the IOM have placed on outcomes. I doubt this damaging process listens very well as to what it shall or shall not create by the powers you have given these folks.

There is little doubt by studies and even science my guys and my Marines have suffered and continue to suffer from immune system confusion in th 1 versus th 2 immune system responses. This confusion can produce many many autoimmunity disorders and as you have read with additional maturation to cancers...any cancers depending on many variables to each individual including predisposed genetics. Any cancers not just the ones Veterans Affairs and the IOM have cherry picked.

Senator Sanders are we now to believe that these other country's scientist are dumb as a post and only our scientists are smart enough to determine outcomes and associations? Even our own scientists until the steel boot of the government fell on them were mostly in agreement with these found facts.

Do we now say that only the civil service scientists at Veterans Affairs (conflict of interest) or the IOM are the only smart ones in the world and all these others scientists just are educated morons?

You tell us; because that is surly what it has come down to.

The very sad part and tragic indeed is this nation had the chance to excel in the development of immune therapies for the world and find out how and why these various cancers or autoimmune disorders develop from anything; much less these horrible dioxins and like compounds. I can guarantee not many of my Veterans would have refused testing and analysis knowing it would benefit mankind in its entirety.

You had a whole warehouse full of test subjects (over two million) to find out the causations of many diseases and disorders at the immune system level.

Instead this government using its collusion and power and the total absolute power you gave Veterans Affairs and the IOM you just denied most associations.

The government studies in our arena were and are nothing short of laughable.

What happens Senator Sanders when the government adds to the comparison cohort almost 50% of the total that were supposed to be non-exposed; yet, were exposed?

Would you say the data would be false and diluted?

Would you agree that the data had been so skewed since the 50% were also sick, disabled and dying from the same issues that no statistical increases would be found? In other words lets just stack the deck and even if we find something outstanding lets just change the exposure index to show no correlation. Or as a last resort when the issues are found in spite of collusion let's just refuse to publish as found facts.

If a single pharmaceutical company had run a trial on a new medication and you found out some of the people who were in their placebo group were actually taking meds. That would spoil your whole study and its correlation as to statistical significance. There you go; our government studies were done the same way.

If the pharmaceutical companies had done that and you and congress found out about it I cannot imagine the ire you would portray for the general population. Yet for the smaller segment of that population the Veterans and their families there does not seem to be the same concern nor ire for committing scientific fraud against them.

That Senator Sanders is not only our National Tragedy but a World Tragedy!

It is amazing that time after time climate change, which is subjective and speculative at best depending on what political party you are associated with comes to the forefront in the news and in politics. Climate change and how it will if and when it will have an impact.

How about changing the entire worlds population genetically due to your chemical company buddies in DC? On going genetic damages found in a study either related to service in Vietnam or exposures to a known clastogenic herbicides in that service. Which would you bet on?

Changing the entire worlds' birth sex ratio population? Would that not be a concern?

Another dioxin study of the Seveso, Italy population dioxin disaster has had two follow up studies. I am sure that Veterans Affairs and the IOM consider their Italian scientists' over educated idiots of course. Maybe you do as well. This dioxin disaster had a central exposure point which enabled the scientist to calculate areas of exposures and of course then the estimated rate of exposures. I would note they found some cancers statistically significant in the "lower exposure areas." The more you get is not necessarily the rule of order when it comes to dioxins and like compounds. There is more to it than that since dioxins do seem to create anything directly. That is the difference that you and everyone else must realize sooner or later before we have a bloody world disaster on our hands.

However the following point is on what the scientists themselves said was a "totally unexpected finding."

The male/female ratio at birth is fairly constant, world wide, and that ratio in the norm is 106 males to 100 females. After the dioxin disaster where both male and female were in the higher exposed area nine couples had twelve females and no males were born. This unexpected finding extended the study from 1977 to 1996. Those results and trends were confirmed. The study concluded PATERNAL blood concentrations of dioxin emerged as the most important predicator of lowered sex ratio at birth.

Yes and this trend follows in many Vietnam Veterans in comparison to brothers who did not serve or Veterans who did not serve in Vietnam; at least in my discussion at my battalion reunions.

Right in front of everyone's face; not speculative. Everyone in DC and in the media just ignores what is really found with these cellular altering compound(s).

Senator Sanders I know you have integrity classes for all incoming elected representatives; if not you really should. You really need a remedial course for those already entrenched. At those classes it should be made mandatory a viewing of the following video:

"Dioxin! What Citizens, Workers and Policymakers Should Know"

#### https://www.youtube.com/watch?v=50E0eGwgPv4

If nothing else for heavens sakes educate yourselves as to how these compounds are able to spread throughout the environment \*for 100's of miles, how they accumulate in our food products, what produces them in our nation outside of chemical companies themselves (your campaign coffer contribution buddies), what these dioxins and similar compounds can create from life long gastrointestinal issues to death from cancers and everything in-between in cellular damages leading up to system impacts that can impact any known system in human biology depending on many variables.

\*Listen to the facts and then tell the Blue Water Navy boys that even though dioxins were found on Australian fleet boats that served in the same area decades after the war and how these dioxins compounds can travel and come down miles and miles away that those fellows were not exposed. I still would like an explanation of former Senator Webb's comments on how those fleet ships were too far away. Too far away when the Navy

ship artillery supported our Marines and Army units in I Corps with 5 inch Naval gun fire and 8 inch Navel gun fire. Even with the governments' own drift rate, minimized of course, if they were supporting land based operations they were well within drift range just as one single example only of how these ships were exposed. Facts are facts until it becomes political and is associated with Veterans/Widows Benefits.

Listen to "A Real Dioxin Expert" with no political point of view what-so-ever. A real expert that has done testing and evaluation not just compared studies that were suspect to begin with; depending on government politics and not science itself.

Given the unprecedented amount of exposures and unprecedented types and methods of exposures your Veterans received; then go tell your Vietnam Era Veterans out there they have been given a fair assessment of their health status by Veterans Affairs or the IOM or anyone else associated with government politics; if you can, including the congress and the presidents.

The next letter will have even more on these issues and the overall impacts to the Veteran Community. I know it is technical but I need to stress to you and others just how dishonest this issue has been and continues to be so.

I will be waiting on your or any congressman or senator's response. Doubtful it will be coming but I am looking forward to any response. As I am sure the folks on my lists will be as well. The media of course would be welcome but they have ignored the real facts as long as the government has to include the government putting pressure not to cover such things as; government corruption against the finest this nation has to offer.

My offer still stands for an informal meeting with myself and a few other very knowledgeable Veterans for discussions of the issues and sound legal common sense recommendations to fix the issues for all Veterans and Widows once and for all.

Also any potential 2016 presidential candidates that should stumble across these postings. Fix the Veterans and Widows issues with honesty and integrity for a change and you just might have over 20 million Veteran votes in your back pocket out of the gate.. If you include spouses and offspring of Veterans and any friends of Veterans that realize their contribution to this nation is priceless you could have a heavy head start on any competition Republican or Democrat. Get rid of the politically corrupted IRS as well; you probably have a slam dunk!

For once get the real facts from Veterans; not Veterans Affairs or Veteran Service Organizations skewed facts.

Sincerely,

Charles Kelley RVN 67-68 Snellville, Georgia

Hard Copy to; plus internet posting:

Senator Johnny Isakson (R - GA) Chairman United States Senate Committee on Veterans' Affairs, Russell Senate Building - Room 412, Washington, D.C. 20510-6050

Senator Richard Blumenthal (D - CT) Ranking Member Minority Leader on Veterans Affairs Russell Senate Building Room 412, Washington, D.C. 20510-6050

Congressman Jeff Miller Chairman House Veterans Affairs Committee 335 Cannon House Office Building Washington, D.C. 20515

Congressman Rob Woodall 7<sup>th</sup> district of Georgia 724 Longworth HOB Washington, DC 20515