

WHERE WAS THE EDITOR IN CHIEF OF SCIENCE WHEN DONALD TRUMP WAS LYING TO THE AMERICAN PEOPLE?

Dr. F. Moreau¹, Dr. K. Hansen², Dr. M. Alvarez^{3*}

¹ Department of Medical Genetics, University of Lyon, Lyon, France

² Department of Preventive Medicine, University of Copenhagen, Copenhagen, Denmark

³ Department of Global Health, University of California, Los Angeles, USA

Abstract. On or around September 15, 2020, in a book by Bob Woodward, it was revealed that back in February, 2020, the President of the United States of America, Donald Trump was aware and understood that SARS-COV-2, the virus that is the etiologic agent of COVID-19 was highly contagious and deadly, but chose to "down play" the threat and not reveal the bad news to the American people. Donald Trump not only "downplayed" the bad news but lied to the American People by stating that COVID 19 was just a flu from China and that by April 2020 with the warmth of spring, SARS-COV-2 would "just go away". The consequence of Donald Trump's lie is the death of more than 200,000 Americans (still counting) and over seven million infected individuals in the USA. On or around September 11, 2020, the Editor in Chief of Science wrote an editorial in which he castigated Donald Trump for lying to the American people and for demoralizing the scientific community. A legitimate question that must be asked is: Where was the Editor in Chief of Science back in January and February 2020. Was it not his job to know about SARS-COV-2 when the whole sequence of the SARS-COV-2 genome was published in well renowned "scientific journals" and deposited in Sequence Data Banks openly without interference from the Chinese Government? What about the so-called experts and pundits, including the Directors of the National Institutes of Health (NIH), National Institute of Allergy and Infectious Diseases (NIAID), Center for Disease Control and Prevention (CDC) and Federal Drug Administration (FDA) that chose to ignore SARS-COV-2. It is submitted that the Editor in Chief of Science and the other so-called experts and pundits are guilty of derelict of duty and must resign from their respective positions. It is also submitted that while Donald Trump can be excused

because he is an uneducated and imbecilic person with the scientific knowledge of a five-year-old child, the so-called experts and pundits cannot be pardoned.

On or around September 15, 2020, Bob Woodward revealed in his book entitled "Rage" [1] that the President of the United States of America, Donald Trump knew and understood that SARS-COV-2, the virus that is etiologic agent of COVID-19 was highly contagious and deadly, but chose to "down play" the threat and not reveal the truth to the American people. Donald Trump not only "downplayed" the bad news but lied to the American People by stating that COVID 19 was just a flu from China and that by April 2020 with the warmth of spring, SARS-COV-2 would "just go away" [2]. It is now known that more than 7,000,000 and 200,000 United States citizens have become infected with SARS-COV-2 and died as a result of the complications of COVID-19 respectively. The United States occupies the top honor (or dishonor) on the podium of the highest number of individuals infected with SARS-COV-2 and total deaths due to COVID-19 (Figure 1). More informative is the IP- 10000 Number (Total Number of Individuals Infected With SARS-COV-2 Per 10000 Population), DPP-10000 Number (Total

Number of Deaths Per 10000 Population) and DPI-10000 Number (Total Number of Deaths Per 10000 Individuals Infected With SARS-COV-2) (Figure 2).

On or around September 11, 2020, the Editor in Chief of Science, Holden H. Thorpe wrote an editorial in which he castigated the President of the United States for lying about the danger of SARS-COV-2 and for downplaying it [3]. While it is inexcusable that Donald Trump lied to the American people, the so-called experts and pundits who are appointed at the largesse of the American tax payers, including the Directors of the National Institutes of Health (NIH), National Institute of Allergy and Infectious Diseases (NIAID), Center For Disease Control and Prevention (CDC), Editors in Chief of Scientific Journals, including the Editor in chief of Science, and others must also be blamed and for derelict of duty. They also knew or had reason to know about the existence of SARS-COV-2 and the danger that it posed to the American people. On or around, Chinese Scientific

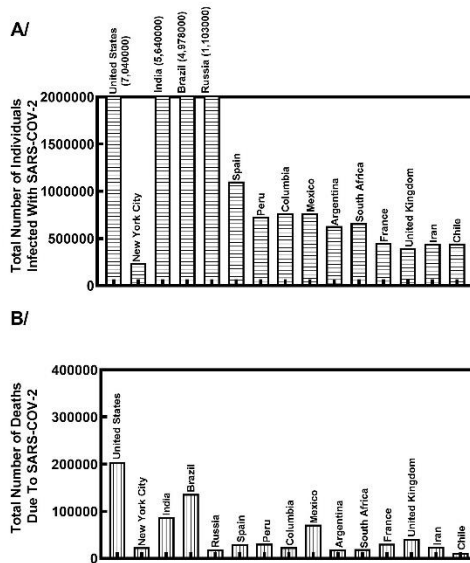


Figure 1: Panel A, Total Number of Individuals Infected with SARS-COV-2 in various countries; Panel B, Total Number of Deaths Due to SARS-COV-2 Infections in various countries.

Researchers published the whole sequence of SARS-COV-2 and the disease(s) that it caused in humans [4-9]. Despite these completely open publications in widely read scientific journals, none of the so-called pundits and experts, including the Directors of the NIH, NIAID, CDC and FDA took any counter-measures to obviate the devastating health tsunami that we now know would hit the United States.

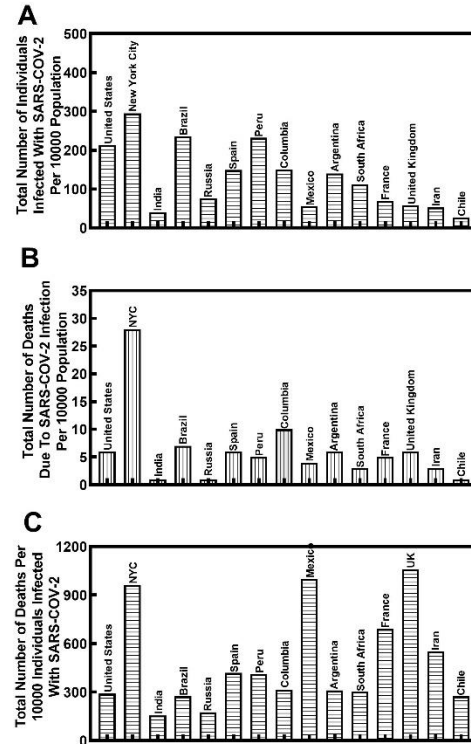


Figure 2: Panel A, Total Number of Individuals Infected With SARS-COV-2 Per 10000 Population (IP-10000) in various countries; Panel B, Total Number of Deaths Due to SARS-COV-2 Infection Per 10000 Population (DPP-10000) in various countries. Panel C, Total Number of Deaths Per 10000 Individuals Infected With SARS-COV-2 (DPI-10000) in various countries.

The whole world now understands that the unnecessary deaths due to SARS-COV-2 in the United States could have been avoided if only the so-called pundits and experts had performed the job that they were paid to do. Ignoring the fact that there are already protocols that can effectively prevent infection and virulence of SARS-COV-2 [10,11], these

people are now trying to extricate themselves from blame by promising "snake oil" cures and vaccines that may or may not work. In doing so they have wasted time and many billions of dollars, and have caused sufferings and deaths.

The Directors of NIH, NIAID, CDC, FDA, and Editors in Chief of many scientific journals, including the Editor in Chief of Science are guilty of derelict of duty. It was their duty to inform, tell and advise the President of the United States on scientific matters that are of critical importance to national security and well-being of the citizens of the United States of America. Not only did they fail to do so, they in fact encourage the present American Government to act recklessly by first providing the America Government with false scientific facts and then kowtowing to it. If they really did not agree with the pronouncements of Donald Trump and its government as they are now pretending, they did, they should have honorably resigned from their respective appointed positions. When they kept quiet, it meant that they agreed with what uneducated, clueless, racist and xenophobic Donald Trump and his Government were regurgitating to the

American public. Instead of questioning Donald Trump and his government, the Editor in Chief of Science bought the narrative of Donald Trump and his Government were not to be blamed but that Chinese Scientific Researchers, Chinese citizens and the Chinese Government were by writing unscientific, disgusting, racist and unscientific editorials [12-16] and publishing unscientific news articles that glorified unproven or marginally effective prophylactics, including Remdesivir and Dexamethasone by so-called scientific journalists [17,18] (The effects of Remdesivir and Dexamethasone on mortality rates of patients infected with SARS-COV-2 are discussed in [19,20]). A number of questions must be asked, including the following: (i) Why did the Editor in Chief of Science keep quiet when uneducated and clueless Donald Trump was spewing his racist and unscientific garbage, (ii) Why the scientific community at large in the United States failed in their tasks to contain SARS-COV-2, (iii) Is our political and governmental system at fault. (iv) Is it too late for the United States to deal with SARS-COV-2.

Why did the Editor in Chief of Science keep quiet when Donald Trump was spewing his racist and unscientific garbage: Science and politics used to be completely separate? Scientific Researchers usually expressed themselves through hard scientific facts while Politicians talk about politics with political inferences that are loosely based on minimal statistical data. That Scientific Researchers and Politicians speak different languages is an understatement. When uneducated, clueless, racist and xenophobic Donald Trump became President, science and politics became intertwined. Scientific Researchers and Politicians began to speak a common language which can be described as politico-pseudo-scientific deceit. Scientific Researchers, including the Directors of NIH, NAIDID, CDC, FDA and Editor in Chiefs of scientific journals, including the Editor in Chief of Science no longer needed scientific facts to bolster their pronouncements to the American public. They became opinion pundits not unlike the opinion talk show hosts of Fox News and CNN. The sad but nevertheless truism is that politico-pseudo-scientific deceit has trumped science. When uneducated (it has been

alleged that he paid one of his friends to take his SAT exam) Donald Trump stated that SARS-COV-2 "was very much under control", that "I think it's going to work out fine" and that "I think when we get into April, in the warmer weather, that has a negative effect on that and that type of virus" [21], not one of the so-called pundits and experts, including the Editor in Chief of Science contradicted him. When the Director of CDC declared on or around February 26, 2020, that "the risk to Americans remains low and people should continue with their daily lives" [22], not one of the so-called pundits and experts, including the Editor in Chief of Science questioned him about the scientific reasons for his moronic statement. When the NIH Director, Francis S. Collins stated on or around March 3, 2020 that "the risk of contracting COVID-19 in the United States is currently low" [23], not one of the so-called pundits and experts, including the Editor in Chief of Science questioned him about the scientific reasons for his unscientific and moronic statement. When the Director of the NIAID, Anthony Fauci declared on or around March 15, 2020, that "there was no requirement for "domestic travel

restrictions" and that they "have not been seriously discussed" [24], not one of the so-called pundits and experts, including the Editor in Chief of Science questioned him about the scientific reasons for his imbecilic statement. When so-called top scientists of the WHO declared that "coronavirus has not meaningfully mutated to a more lethal or contagious form" and when Science published that SARS-COV-2 "is slowly mutating and questioned the relevance of mutations in the SARS-COV-2 genome [25-27], not one of the so-called pundits and experts, including the Editor in Chief of Science questioned the scientific basis of these statements (All the studies show that SARS-COV-2 was and is mutating very rapidly [28-38]). When the Director of the WHO claimed that "widespread travel ban not needed to beat China virus" [39], not one of the so-called pundits and experts, including the Editor in Chief of Science questioned him about the scientific reasons for his imbecilic statement.

When the uneducated, clueless, racist and xenophobic Donald Trump insisted on calling SARS-COV-2 the "China virus" and COVID-19 the "China flu or Kung

flu", in order to distract the American people from his failure to come up with a credible national response to SARS-COV-2, not one of the so-called pundits and experts, including the Editor in Chief of Science condemned him for his stupid, racist and xenophobic remark (Shame on all these people). On the contrary, many people, including the Editor in Chief of Science contributed to the racist and xenophobic anti-Chinese propaganda (see below). When the uneducated, clueless, imbecilic, racist and xenophobic Donald Trump stated that SARS-COV-2 "is a flu. This is like flu, it's a little like a regular flu that we have flu shots for. And we'll essentially have a flu shot for this in a fairly quick manner" [40], not one of the so-called pundits and experts, including the Editor in Chief of Science questioned him about the scientific veracity of his imbecilic statement. When the uneducated, clueless, imbecilic, racist and xenophobic Donald Trump promoted Hydroxychloroquine and bleach for the treatment of COVID-19 on national TV and to the world [40], not one of the so-called pundits and experts, including the Editor in Chief of Science rebuked him for practicing bad medicine without license.

When the Editor in Chief of Science, Holden Thorp spewed his provocative, racist and xenophobic views in our national scientific journal, including the following: (i) "Now the piece doesn't seem so daring at all because it's clear that China's delays and secrecy costs lives", (ii) China covered up the initial spread of the virus", (iii) The World Health Organization (WHO) has walked a very fine line of trying to manage the pandemic without offending China" (iv) "Yes, China did a lot to create this problem", "China has rightfully taken criticism for squelching attempts by scientists to report information during the outbreak", "Ai Weiwei would probably agree that China's actions in the coronavirus crisis requires the voice of the scientific community, and I would not be surprised that getting folks to say something has been a challenge" "Some of these scientists and experts even expressed doubt that I'd find such a gutsy author at any organization in China to write such a piece", "The contrast between the mobilization of the scientific community and the political action of China is striking", "And if every experience is shrouded in secrecy,

enforced by a repressive government, the world would never solve the problem", "But it will take more than just an examination of China alone. or even this outbreak alone to shape the future. To avoid the tragic costs of silence, we must push for more transparency and truths in all fronts" and ""Apparently not to China, which has rebuffed efforts to understand the origin of SARS-CoV-2" [12-16], not one of the so-called pundits and experts questioned him about the scientific basis of his moronic statement. The out of touch and imbecilic Editor in Chief of Science could not understand that insisting on vilifying China which has in general been able to contain SARS-COV-2 with flying colors would not serve any purpose whatsoever when one is faced with more than 6 million individuals being infected with SARS-COV-2 and over 200,000 deaths because of it. It is clear that the Editor in Chief of Science is not someone who can think and act like a General who has what it takes to fight a true war (combating SARS-COV2 is a war!).

When at the urging of the comical and failed 2016 Presidential candidate, Marco Rubio, the Director of the United States

Federal Bureau of Investigation (FBI), Christopher Wray, stated that through Chinese Graduate Students and Chinese Scientific Researchers working in the United States, the Chinese Government "has pioneered a societal approach to stealing innovation in any way it can from a wide array of businesses, universities and organizations" [41,42], not one of the so-called pundits and experts, including the Editor in Chief of Science contradicted the unscientific, racist and xenophobic pronouncements of Christopher Wray. When the racist and xenophobic Government of uneducated, clueless, imbecilic, racist and xenophobic Donald Trump through its equally racist and xenophobic Department of Justice arrested and prosecuted innocent Chinese-American Scientific Researchers for spying and then dismissed the charges without any apology and compensation [43,44], very few of the mainstream Scientific Researchers were outraged by the violations of the fundamental rights of the Chinese-American Scientific Researchers that are guaranteed by the fourth, fifth and fourteenth Amendments of the United States Constitution. When the racist and xenophobic Government of

uneducated, clueless, imbecilic, racist and xenophobic Donald Trump through its equally racist and xenophobic Department of Justice persecuted Chinese-American Scientific Researchers for minor administrative oversights, such as not declaring that they had received funding from the Chinese Government or had collaborative research and teaching activities with Chinese Scientific Researchers or Chinese Research Institutions (a most legitimate scientific activities of open, free and democratic countries) [44,45], very few denounced the actions of the racist and xenophobic Government of uneducated, clueless, imbecilic, racist and xenophobic Donald Trump and its equally racist and xenophobic Department of Justice. As a matter of fact, spineless administrators of many research universities and organizations, including the NIH under its Director, Francis S. Collins collaborated with the FBI to persecute and prosecute many innocent Chinese-American Scientific Researchers [46] not unlike in the McCarthy era when many innocent American scientists were persecuted. When the the racist and xenophobic Government of uneducated, clueless,

imbecilic, racist and xenophobic Donald Trump through its equally racist and xenophobic DOJ and FBI field agents arrested, humiliated, indicted and prosecuted the former Chairman of the Department of Chemistry and Chemical Biology of Harvard University, the latter threw him under the bus and very few of the so-called experts and pundits, including the Editor in Chief of Science stood up to denounce the malversions of the mentally challenged and paranoid DOJ nothing in America for the Chinese Government or the Chinese Scientific Researchers to steal. All the results of basic science research in the United States are published for the world to read as it must be in an open, free and democratic country. Moreover, China is ahead when it comes to applied scientific research. We only need to look at companies like Huawei, Alibaba, Baidu, Tencent (including the overhyped TIK TOK) which together spend over 50 billion dollars in basic and applied scientific research. Here in America, it is time to wake up. In terms of the application of science, China is far ahead of us. There is no science and technology in America that China cannot produce itself. On the other hand, there are many

science and technology in China that America cannot produce. For example, in America, we are incapable of constructing a single high-speed train line.) It is submitted that persecuting and prosecuting Chinese-America Scientific Researchers and Chinese and FBI Field agents [46]. What they utterly failed to realize is that there is actually Graduate Students and Post-Doctorals for silly little crimes (there is no evidence of spying!) are in fact against American interest because most research works in American research laboratories are carried out by Chinese-American Scientific Researchers, Chinese Graduate Students and Post-Doctorals. The American Scientific Research Enterprise will grind to a halt if the Chinese Graduate Students and Post-Doctorals decide to boycott America (It is in fact very difficult to recruit Chinese Graduate Students and Post-Doctorals in America because they have decided seek greener pastures in countries like Germany, France and United Kingdom, and many choose to remain in China at many high level institutions. It must be said that Focusing on and vilifying the Chinese people, Chinese Scientific Researchers, Chinese Graduate Students

and China when one is in front of Tsunami that was going to wipe out over 200,000 American lives (still counting!) shows how stupid, out of touch with reality and un-strategic the racist and xenophobic Government of uneducated, clueless, imbecilic, racist and xenophobic Donald, Trump, Marco Rubio and Christopher Wray were/are. It is indeed quite comical and tragic that a person like Marco Rubio can become a US Senator and a candidate to the highest office of our country (Only in America!) In China, Marco Rubio would be toiling as an attendant boy in a lowly office or even perhaps the toilet.

Why the scientific community at large in the United States failed to contain SARS-COV-2: It is legitimate to ask why the United States have failed so miserably at combatting SARS-COV-2. Was it due to incompetence of the top administrators of our national research organizations? Could it be due to incompetence of our Scientific Researchers? Could it be due to arrogance of our Scientific Researchers? That the leaderships of the NIH, NIAID, CDC and FDA have been incompetent at dealing with SARS-COV-2 and COVID-19 is an understatement. The statistics

speak for themselves. How can the richest and so-called most advanced superpower occupy the top honor (or dishonor) with respect to the total number of individual infected with SARS-COV-2 and deaths due to SARS-COV-2 (Figures 1 and 2). With annual budgets of over 50 billion dollars, it is indeed quite disturbing and incomprehensible that the NIH, NIAID, CDC and FDA were helpless and paralyzed by SARS-COV-2. Countries with almost research dollars have done better. The Directors of the NIH, NIAID, CDC and FDA would like to argue that Donald Trump and his government do not understand science and would not listen to their advice and need. While Donald Trump may be blamed for his cavalier attitude with respect to the wearing of masks, blame must also be shared by the leaderships of the NIH, NIAID, CDC and FDA as they have done nothing to preempt the advent of SARS-COV-2. What kind of generals would not prepare for potential wars? Following SARS-COV, H1N1 and MERS-COV, it was quite obvious that instead of wasting money on mickey mouse research funded by taxpayers, they should have devoted serious time and money to the study of emerging pathogenic viruses and other

pathogenic microorganisms. Another factor that prevented the leaderships of the NIH and NIAID to mount an effective response to SARS-COV-2 is concerned with the age and qualifications of the Directors of the NIH and NIAID. It is also clear that the Director of the NIH is a mediocre Scientific Researcher who has no background in virology and infectious diseases (he was at most a relatively effective manager of the sequencing of the human genome which did not require much imagination to accomplish. In essence, he was a typical governmental bureaucrat). The Director of the NIAID has occupied his position since 1986. It is not clear what his expertise is in 2020 except for the fact that he is a good showman and ass kisser. While it is understandable that he could not learn from the experience of China and other East Asian countries that have in general been able to contain SARS-COV-2 (America is too arrogant to learn from Asians), he could at least have learnt from Germany, a NATO country and an ally (perhaps not anymore!). Immediately after the full sequence of SARS-COV-2 was openly published without interference from the Chinese Government, while in the United States,

most Scientific Researchers were sleeping behind their desks, German Scientific Researchers were already working on SARS-COV-2 diagnostic kit and implementing mass testing of its citizens even though they had very few cases at the time. In America, we could not come up with a working SARS-COV-2 diagnostic kit. It was indeed comical and tragic at the same time when Director of NIAID announced in front of the world press and television, that the United States had bungled on the manufacture of its SARS-COV-2 diagnostic kit. Why the obligatory wearing of masks, testing (testing, testing, testing!), distancing, contact tracing and quarantining were not implemented back in February, March, April and beyond is beyond anyone's comprehension which will be recorded in the history of our country as the worse bureaucrats' screw-up. The reliance on ineffective prophylactics and vaccines that may or may not work at enormous costs is also a grave miscalculation. To an imbecile with the scientific knowledge of a five year old child like the clueless, racist and xenophobic Donald Trump, the idea of a vaccine propounded by the Directors of the NIH, NIAID, CDC and FDA seems very enticing and a

tremendous selling point to his equally racist and xenophobic followers (Hillary Clinton was right to call them the "deplorables" because they are too stupid to understand that simple precautions like wearing masks and social distancing can save lives). The fact that there are no effective vaccines against HIV-1, H1N1, SARS-COV and MERS-COV, it must be made clear to the American public that coming up with an effective vaccine against SARS-COV-2 will be a long and winding difficult endeavor. Indeed, the so-called experts and pundits keep giving mixed signals with respect to dates of availability of a vaccine that may or may not work.

Does arrogance of the scientific community in the United States (and United Kingdom) have anything to do with our inability to contain SARS-COV-2: In America, we have become fat, lazy and complacent. In the United States, the concept of American exceptionalism is generally accepted both psychologically and in practical everyday life, including in the realm of scientific achievement. Indeed, the whole world wants to send their sons and daughters to the United States to study. American exceptionalism

in scientific research is taken for granted. However, while in the United States, we may still be good at basic science research, we are increasingly being left behind when it comes to applied science research. Even in basic science research, it is questionable whether we would still be among the top in the world without the hundreds of thousands of foreign Graduate Students and Post-Doctorals. (To prove to the world that we are still an open, fair and democratic society, it is important that we recognize the contribution of foreign Graduate Students and Post-Doctorals in our national science enterprise). Most American Scientific Researchers have acted upon the belief that we are the best, we know the best and that everything we do in basic science research belongs to us without reservations. Where would we be if scientific discoveries by other nations, including China, France, Germany, United Kingdom and others do what we are doing now. It is notable that one of the United States' key scientific contributor in the development of the CRISPR Cas9 and subsequent much improved bioengineering technologies for gene editing, Fang Zhang was born in China (It is quite disconcerting that he was not the

recipient of part of the 2020 Nobel prize for Chemistry. Has there been a Trump's anti-Chinese effect? He and his research group were after all the first to show that CRISPR technology could be used to edit genes in mammalian cells.) It is high time that we begin to revise such attitude. The COVID-19 pandemic has provided concrete evidence that we do not know what is best for America and that it is highly time that American Scientific Researchers get off from their high horses.

Is our political and governmental system at fault? Because of the difficulties that the United States faced in the 2008 economic meltdown and the current inability to effectively deal with and contain SARS-COV-2 and COVID-19 while China seemed to have traversed these hurdles with high flying colors, many learned Government Policy Researchers, including Kishore Mabhubani of Singapore [47], Martin Jacques of the United Kingdom [48] have argued that the United States' general decline and retreat from international inter-governmental bodies, and the American system of government inevitably hamstring its ability to act.

The antics of the racist and xenophobic policies of Donald Trump, and his inability to grasp very simplistic scientific concepts have also contributed to the cacophony and disorder that most observers agree have harmed America's goodwill in the world. The economic statistics support the pronouncements of Kishore Mabhubani and Martin Jacques [47,48]. In the United States, the concept of American exceptionalism is generally accepted both psychologically and in practical everyday life, including in the realm of scientific achievement. Indeed, the whole world wants to send their sons and daughters to the United States to study. American exceptionalism in scientific research is taken for granted. However, while in the United States, we may still be good at basic science research, we are increasingly being left behind when it comes to applied science research. Even in basic science research, it is questionable whether we would still be among the top in the world without the hundreds of thousands of foreign Graduate Students and Post-Doctorals.(To prove to the world that we are still an open, fair and democratic society, it is important that we recognize the contribution of foreign Graduate

Students and Post-Doctorals in our national science enterprise). Most American Scientific Researchers have acted upon the belief that we are the best, we know the best and that everything we do in basic science research belongs to us without reservations. Where would we be if scientific discoveries by other nations, including China, France, Germany, United Kingdom and others do what we are doing now. It is notable that one of the United States' key scientific contributor in the development of the techniques, Fang was born in China. It is high time that we begin to revise such attitude. The COVID-19 pandemic has provided concrete evidence that we do not know what is best for America and that it is highly time that American Scientific Researchers get off from their high horses. A number of Scientific Researchers who have stood up for openness and collaborations in basic science research and criticized the racist and xenophobic policies of uneducated, clueless, imbecilic, racist and xenophobic Donald Trump, including must be congratulated for their daring stance.

With respect to our electoral and governmental system, it is high time that

we start modernizing them before we try to preach their tenets to the rest of the world. Our electoral system is supposed to be open, fair and democratic and our government is hailed as a government of the people, for the people and by the people. However, it is quite clear that these ideals are very far from reality. How can our electoral system be open, fair and democratic when it elects a government that is formed by an imbecile who is a racist and xenophobic, and who received almost 3 million votes less than Hilary Clinton. How can our electoral system be open, fair and democratic when we end up having a moronic, lying, racist and xenophobic President who would not condemn white supremacists (When he was asked to condemn white supremacists, he told them to stand down and stand low). How can our electoral system be open, fair and democratic when it was the Supreme Court that chose George H. Bush over Al Gore to become the President in 2004 despite Al Gore winning over 500000 more votes than George H. Bush (It must be said that Al Gore was a true patriot when he conceded to George H. Bush because he did not want to plunge America into chaos for a long period of time unlike the

uneducated, imbecilic, racist and xenophobic Donald Trump who has still not stated whether he will "stand down" if he was to lose the general election of 2020 . Because the founders of the Republic of the United States of America did not want to pay taxes without representation, they replaced the King of the United Kingdom with a President, the House of Commons with the House of Representatives and the House of Lords with the House of Senate. They came up with a rigged electoral system that discriminated against the native American and Black people. It was not until Abraham Lincoln came about that the Republic of the United States of America decided that slavery was abhorrent and must be abolished. The American Civil war lasted from 1861 to 1865. However, the Government of the United States of American did not think it disgusting and contrary to its constitution to enact the Page Act of 1875 which banned Chinese Women from immigrating to America and Chinese Exclusion Act of 1882 which banned all Chinese Immigrants and was made permanent in 1902 by the Geary Act. It was not until 1943 that the Chinese Exclusion Act was repealed by the

Magnuson Act. Women had to wait until 1920 to be able to vote. Everyone who has read some history knows that the Black people did not get to vote without hindrance until the Voting Rights Act of 1965. Unfortunately, the Electoral System of the United States of America is still a rigged system in 2020. It is rigged because it is cornered by a few rich lobbyists. It used to be that the Government of the United States of America was a Government of the people, by the people and for the people. Unfortunately, nowadays, America has a Government of the people, by the 1% and for the 1%. It is difficult to fathom that someone who is as uneducated (it has been alleged that Donald Trump paid someone to take his SAT test), clueless, imbecilic, racist and xenophobic as Donald Trump can become the President of the United States of America (It is in fact scary that any imbecile can aspire to become the President of the United States of America as the only requirement is that one should be US born, at least 35 years old and be a good bullshitter.)

Is it too late for the United States to deal with SARS-COV-2? The country will remain paralyzed and the economic

situation and plight of the ordinary citizens will worsen if SARS-COV-2 and COVID-19 are not contained. America must also take this opportunity to reform itself and to start practicing what it preaches to the rest of the world. The whole world looks to America for leadership in openness, fairness, equality, justice, righteousness and democratic principles. The question as to whether we have all that in America is open to debate. Nevertheless, our constitution guaranteed all that if it is respected by all. Unfortunately, the actions of the leaders of our legislative (Democrats and Republicans included, executive and judicial branches of Government are not in par with the ideals and intentions of our constitution which emphasizes the constitutional rights of the citizens irrespective of color, creed, race and sex. In America, there is still much violations of the Fundamental Rights of Native Indian-Americans, African-American, Chinese-Americans and other minorities. The unjust treatment of Native Indian-Americans is a stain in our common consciousness and history. The Black Lives Matter Movement is testament to a long list of legitimate complaints of oppression of African-Americans. The

targeted persecution and prosecution of Chinese-American Scientific Researchers for "silly made-up crimes" is not and should not be condoned in the United States Constitution (Indeed, the crime of being a Chinese Scientific Researcher does not exist in the United States Criminal Codes.) American should stop starting wars overseas and start to learn the art of diplomatic engagement to resolve conflicts (The unilateral withdrawal from the Iran Nuclear Deal by the uneducated, imbecilic, clueless, racist and xenophobic Donald Trump and the re-imposing of sanctions against Iran will lead to an unnecessary war. The unilateral withdrawal from the Paris Climate Agreement will lead to frictions and further alienation between America and the rest of the world, including our allies in Europe.)

America should resolve to become again a place where the Government is of the people, for people and by the people and not a Government of the people, by the 1% and for the 1%. The vast majority of Americans who died of COVID-19 complication are from poor neighborhoods. That must change. America must stop hiring incompetent,

racist and xenophobic bureaucratic fools in its legislative, executive and judicial branches. This apply to both the Democrats and Republican Government. In the incompetent, racist and xenophobic Government of uneducated, imbecilic, racist and xenophobic Donald Trump, in the middle of the COVID-19 pandemic, the incompetent, racist and xenophobic political appointees, including the likes of Mike Pompeo, Peter Navarro and Jason Miller (Jason Miller and Jeff Sessions are responsible for the policy that separated babies and under-age children from their mothers) chose to intensify America's pressure on China with the visit of the Secretary of Health and Under Secretary of State in Taiwan [49], violating the one China policy which has served for peaceful co-existence in the region for a long time. Although, it is unlikely that China would start a war with Taiwan, the question as to whether America has the resolve and stamina to defend Taiwan and also whether it is in the interest of America to defend Taiwan must be posed (Do not try to fix something that is not broken!). America must not play with fire and must not give false hopes to the mentally disturbed President of Taiwan. Just imagine the scenario in which China

starts to send its high-level bureaucrats to the Native Indian-American Reservations (one of many shameful stains of American legacy) without the tacit approval of the United States Government. The Governments of Native Indian-American Reservations can be considered as similar to the One country two systems principle of government. Native Indian-American Reservations do not have the rights of self-determinations and independence from the rest of America. However, they have rights of self-government distinct from the American Government and American States.

The incompetent, foul-mouthed, racist, xenophobic and war-mongering Mike Pompeo, Peter Navarro and Jason Miller are the main architects of Donald Trump's misguided and thoughtless trade-war policy against China and Germany. The main beef that these dangerous fools have against China is the huge trade deficits that America has with China and Germany which amount to ~345 and ~47 billion dollars respectively [50,51]. It is the economy stupid. It is not rocket science. If only you could use your brain power (if you have one!). If you do not

want trade deficit, you should import less, convince your citizens to import less and produce more in your own country. It is that simple. There is no need to insult China or Germany and pick a fight with them like school brats in a school yard. Why Apple and Amazon, the two richest companies in America cannot manufacture their products in American has been a big enigma. If American companies start manufacturing their products in America, the trade deficit with China will be wiped out completely and American workers will benefit tremendously. The question is why the uneducated, clueless, racist and xenophobic Donald Trump and his retinue of fools do not put pressure on American companies to be patriotic and start looking out for America by manufacturing their products in America (May be, they know a one thing or two that the average American do not know.) It is the economy stupid. If American companies were to start manufacturing their products in American, these products will become a lot less affordable to the average American who are already struggling. Undoubtedly, to protect their profit margins, American companies will resort to the use of artificial intelligence

and manufacturing robots that will never complain and work 24 hours a day to the detriment of American workers.

With respect to Hong Kong and Taiwan, America and United Kingdom must stop being hypocrites. When Hong Kong was under the rule of the colonial stooge, did America ask whether there was "democracy" or the right to vote in Hong Kong? Could the inhabitants of Hong Kong vote for the election of the Governor of Hong Kong? It is stated in explicit terms in the one country two systems Basic Law that Hong Kong inhabitants shall have their own legislative council and the right to elect their CEO directly [52]. The citizens of Hong Kong have waited many years for the departure of their last colonial ruler who not only exploited them but did not even give them a valid passport that would allow them to live in the country of their former masters, they can wait for a few more years to get universal suffrage. As least, by being subjects of China, they have a passport that allows them to be called Chinese which they all are in the same way that the citizens living in Taiwan are also Chinese. America must practice what it preaches to the world. America and United Kingdom must stop

acting hypocritically with respect the Chagos Archipelago located in the Indian Ocean. The United Nations Court of Law ruled and the United Nations have voted that the United Kingdom "must return the Chagos Islands to Mauritius as rapidly as possible" [53]. If United Kingdom wants be a hypocrite by fomenting possible revolution in Hong Kong while denying the rights of natives to return to their homeland in the Chagos Islands after forcefully evicting them without Due Process of Law, America must do the right thing by not supporting the hypocritical United Kingdom. If America continues to occupy Diego Garcia which is part of the Chagos Archipelago without paying rent to the Republic of Mauritius, America will also be a hypocrite as America is saying that we do not practice what we preach. (Mike Pompeo, you are fired! Donald Trump, you are fired! You both stink in the eyes of the world's conscience).

To deal with SARS-COV-2 and COVID-19 once and for all is not so complicated. It is definitely not rocket science. Many countries, including Australia, China, Finland, Germany, New Zealand, Singapore, and South Korea have done it. We need to learn from their experience.

The minimum protocol that must be implemented nationwide includes: (i) obligatory mass temperature monitoring (It is very difficult to comprehend why America cannot implement automatic mass temperature monitoring at all public places where there is a tendency for people to gather, including at airports, train stations, bus stations, subway stations, supermarkets, restaurants, universities and schools, post offices, courts and governmental offices. It is not rocket science. If China can do it, America should be able to do it. (ii) obligatory masks wearing, (iii) obligatory social distancing, (iv) mass testing, (v) mass contact tracing, (vi) quarantining of asymptomatic or carriers of SARS-COV-2, (vii) Hospitalization of SARS-COV-2 infected individuals who have symptoms of COV-19 whether mild or severe. American must also bite the bullet by imposing a 6-8 weeks lock down irrespective of any economic consideration. We have wasted too much time and monetary resources in trillions of dollars (still counting) already. American must act now and not tomorrow. Time is of the essence. The leaderships of the NIH, NIAID, CDC and FDA must begin by reading and

understanding the Theory of Chaos and the Art of War [54,55]. Do not wait for the imbecilic, clueless, racist and xenophobic Donald Trump and his incompetent, racist and xenophobic Government to explain to you about the tenets of the Art of War and the Theory of Chaos.

To the Chief Editor of Science, Holden Thorpe: Where were you when the uneducated (apparently, he paid someone to take his SAT test), incompetent, clueless, racist and xenophobic Donald Trump was lying to American people. You endorsed him and kept your big mouth shut when he insulted, persecuted and prosecuted innocent Chinese-American Scientific Researchers and wrote editorials that insulted the Chinese people, Chinese Scientific Researchers and the Chinese Government [12-16]. You must resign or you must be fired from your position because you are incompetent, racist and xenophobic.

References.

1. Woodward, B. (2020) Rage, Simon and Shuster, New York, New York, USA.
2. McCarthy, T. (2020) Issue of April 14, 2020. 'It will disappear': the disinformation Trump spread about coronavirus-timeline.

3. Thorpe, H.H. (2020) Science, DOI: 10.1126/science.abe7391.
Trump lied about science.
4. Huang, C.L., Wang, Y., Li, X., Ren, L. Zhao, J., Hu, Y., Zhang, L., Fan, G., Xu, J., Gu, X., Cheng, Z., Yu, T., Xia, J., Wei, Y., Wu, W., Xie, X., Yin, W., Li, H., Liu, M., Xiao, Y., Gao, H., Guo, L., Xie, J., Wang, G., Jiang, R., Gao, Z., Jin, Q., Wang, J., Cao, B., (2020) Lancet, Vol. 395, pp497-506.
Clinical features of patients infected with 2019 novel coronalvirus in Wuhan, China.
5. Lu, R., Zhao, X., Li, J., Niu, P., Yang, B., Wu, H., Wang, W., Song, H., Huang, B., Zhu, N., Bi, Y., Ma, X., Zhan, F., Wang, L., Hu, T., Zhou, H., Hu, Z., Zhou, W., Zhao, L., Chen, J., Meng, Y., Wang, J., Lin, Y., Yuan, J., Xie, Z., Ma, J., Liu, W.J., Wang, D., Xu, W., Holmes, E.C., Gao, G.F., Wu, G., Chen, W., Shi, W. and Tan, W. (2020) Lancet, Vol. 395, pp565-574.
Genomic characterization and epidemiology of 2019 novel coronavirus: implications for virus origins and receptor binding.
6. <https://db.cngb.org/gisaid>.
7. Zhou, P., Yang, X.L., Wang, X.G., Hu, B., Zhang, L., Zhang, W., Si, H.R., Zhu, Y., Li, B., Huang, C.L., Chen, H.D., Chen, J., Luo, Y., Guo, H., Jiang, R.D., Liu, M.Q., Zhao, K., Chen, Q.J., Deng, F., Liu, L.L., Yan, B., Zhan, Q.J., Deng, F., Liu, L.L., Yan, B., Zhan, F.X., Wang, Y.Y., Gao, G.F. and Shi, Z.L. (2020) Nature, Vol. 579, pp270-273.
A pneumonia outbreak associated with a new coronavirus of probable bat origin.
8. Wu, F., Zhao, S., Yu, B., Chen, Y.-M., Wang, W., Song, Z.-G, Hu, Y., Tao, Z.-W., Tian, J.-H., Pei, Y.-Y., Yuan, M.-L., Zhang, Y.-L., Dai, F.-

H., Liu, Y., Wang, Q.-M., Zheng, J.-J., Xu, L., Holmes, E.C. and Zhang, Y.Z. (2020) Nature, Vol., 579, pp265-269.

A new coronavirus associated with human respiratory disease in China.

9. Zimmer, C. (2020) New York Times, Issue of July 17, 2020.

Inside Johnson & Johnson's Nonstop Hunt for a Coronavirus Vaccine.

10. Tung, H.Y.L. (2020) New Biomed. Sci., Vol. 1, pp44-54.

SARS-COV-2 infection and virulence: reverse correlations with temperature, humidity and far infrared radiation. elevated temperature, humidity and far infrared irradiation will significantly lower the viability, infectivity and virulence of SARS-COV-2.

11. Tung, H.Y.L. (2020) New Biomed. Sci., Vol. 1, pp75-85.

SARS-COV-2 infection and virulence:

classification of seven groups of countries. IP 10000 (infectivity) and DP 10000 (virulence) are influenced by temperature, humidity and far infrared irradiation.

12. Thorpe, H. (2020) Science, Vol 367, pp959-959.

The costs of secrecy.

13. Thorpe, H. (2020) Science Vol. 367, pp1169-1169.

Do us a favor.

14. Thorpe, H. (2020) Science, Vol. 368, pp7-7.

This is real.

15. Thorpe, H. (2020) Science, Vol 368, pp341-341.

Why WHO?

16. Thorpe, H. (2020) Science, Vol. 368, pp681-681.

Both/and problem in an either/or world.

17. Cohen, J. (2020) Science, Issue of April 29, 2020.

Large trial yields strongest evidence yet that antiviral drug can help COVID-19 patients.

18. Kupferschmidt, K. (2020) Science, Issue of July 10, 2020.

A cheap steroid is the first drug shown to reduce death in COVID-19 patients.

19. Tung, H.Y.L. (2020) J. Invest. Cri. Pub. Sci. articles, Vol. 2, pp78-82.

Scientific Misconduct in the Form of Dishonest Scientific Report and Violation of Scientific Ethics in the Clinical Trials of Remdesivir for the Treatment of COVID-19, Sponsored by the National Institutes of Health and National Institute of Allergy and Infectious Disease, and Gilead Sciences.

20. Tung, H.Y.L. (2020) J. Invest. Cri. Pub. Sci. articles, Vol. 2, pp133-142.

Data anomaly in the paper entitled "Effect of Dexamethasone in hospitalized patients with COVID-19: preliminary report", authored by Horby et al., and published in medRxiv [medRxiv (2020) doi:

10.1101/2020.06.22.20137273]

21. Harris, S., Miller, G., Dawsey, J. and Nakashima, E. (2020) The Washington Post, Issue of March 20, 2020.

U.S. Intelligence reports from January and February warned about a likely pandemic.

22. Diamond, D. (2020) Politico, Issue of February 26, 2020.

Trump's CDC chief faces increasing harsh scrutiny.

23. Collins, F.S. (2020)
<https://directorsblog.nih.gov/2020/03/03/structural-biology-points-way-to-coronavirus-vaccine/>.
24. Coleman, J. (2020) The Hill, Issue of March 15, 2020.
Fauci: I don't see domestic travel restrictions in the immediate future.
25. Feuer, W. (2020) CNBC News, Issue of June 03, 2020.
WHO says coronavirus has not meaningfully mutated to a more lethal or contagious form.
26. Kupferschmidt, K. (2020) Science, Issue of July 14, 2020.
The pandemic virus is slowly mutating. But is it getting more dangerous?
27. Kupferschmidt, K. (2020) Science, Issue of July 14, 2020.
The pandemic virus is slowing mutating. But does it matter.
28. Korber, B., Fisher, W.M., Gnanakaran, S., Yoon, H., Theiler, J., Abfalterer, W., Foley, B., Giorgi, E.E., Bhattacharya, T., Parker, M.D., Partridge, D.G., Evans, C.M., Freeman, T.M., de Silva, T.I., Sheffield COVID-19 Genomics Group, LaBranche, C.C. and Montefiori, D.C. (2020) bioRxiv, DOI: 10.1101/2020.04.29.069054.
Spike mutation pipeline reveals the emergence of a more transmissible form of SARS-CoV-2.
29. Hu, J., He, C.L., Gao, Q., Zhang, G.J., Cao, X.X., Long, Q, X., Deng, H.J., Huang, L.Y., Chen, J, Wang, K, Tang, N. and Huang, A.L. (2020) bioRxiv, DOI: 10.1101/2020.06.20.161323
The D614G mutation of SARS-CoV-2 spike protein enhances viral infectivity and decreases neutralization sensitivity to individual convalescent sera.
30. Patiño-Galindo, J. Á., Filip, I., AlQuraishi, M., and Rabadan, R. (2020). bioRxiv, DOI:10.1101/2020.02.10.942748
Recombination and lineage-specific mutations led to the emergence of SARS-CoV-2.
31. Wu, A., Niu, P., Wang, L., Zhou, H., Zhao, X., Wang, W., Wang, J., Ji, C., Ding, X., Wang, X., Lu, R., Gold, S., Aliyari, S., Zhang, S., Vikram, E., Zou, A., Lenh, E., Chen, J., Ye, F., Han, N., Peng, Y., Guo, H., Wu, G., Jiang, T., Tan, W. and Cheng, G. (2020) bioRxiv, DOI: 10.1101/2020.02.29.971101
Mutations, Recombination and Insertion in the Evolution of 2019-nCoV
32. Ou, J., Zhou, Z., Zhang, J., Lan, W., Zhao, S., Wu, J., Seto, D., Zhang, G. and Zhang, Q. (2020) bioRxiv, 10.1101/2020.03.15.991844
RBD mutations from circulating SARS-CoV-2 strains enhance the structure stability and infectivity of the spike protein
33. Tung, H.Y.L. and Limtung, P. (2020) Biochem. Biophys. Res. Commun., Vol. Vol. 532, pp134-138.
Mutations in the phosphorylation sites of SARS-COV-2 encoded Nucleocapsid protein and structure model of sequestration by Protein 14-3-
34. Panchetti, M., Marini, B., Benedetti, F., Giudici, F., Mauro, E., Storici, P., Asciovecchio, C., Angeletti, S., Ciccozzi, M., Gallo, R.C. and Ippodrino, R. (2020) J. Trans. Med., DOI: 10.1186/s12967-020-02344-6.
Emerging SARS-CoV-2 mutation hot spots include a novel RNA-dependent-RNA polymerase variant.
35. Phan T. (2020) Infect. Genet. Evol., DOI: 10.1016/j.meegid.2020.104260.

- Genetic diversity and evolution of SARS-CoV-2.
36. Dawood, A.A. (2020) *New Microbes and New Infections*, DOI: 10.1016/j.mni.2020.1000673. Mutated COVID-19 may foretell a great risk for mankind in the future.
37. Yin, C. (2020) *Genomics*, DOI: 10.1016/j.ygeno.2020.04.016. Genotyping coronavirus SARS-CoV-2: methods and implications.
38. Benvenuto, D., Demir, A.B., Giovanetti, M., Bianchi, M., Angeletti, S., Ascarella, S., Cauda, R., Ciccozzi, M. and Cassones, A. (2020) DOI: 10.1002/jmv.26104. Evidence for mutations in SARS-CoV-2 Italian isolates potentially affecting virus transmission.
39. Nebehay, S., Macfie, N. and Chopra, T. (2020) *Reuters World News*, Issue of February 3, 2020. WHO chief says widespread travel ban not needed to beat China virus.
40. Beer, T. (2020) *Forbes*, Issue of September 10, 2020. All the times Trump compared COVID-19 to the flu, even after he knew COVID-19 was far more deadly.
41. Redden, E. (2018) www.insidehighered.com, Issue of February 15, 2018. The Chinese student threat.
42. Redden, E (2019) www.insidehighered.com, Issue of April 29, 2019. Stealing innovation.
43. McCabe, C., Roebuck, J. and Snyder, S. (2016) *The Philadelphia Inquirer*, Issue of May 15, 2016. A year later, Temple professor haunted by spying allegations.
44. Kwon, D. (2020) *The Scientist*, Issue of September 17, 2020. Racial profiling concerns amid crackdown on scholar's China ties.
45. Tung, H.Y.L. (2020) *J. Invest. Cri. Pub. Sci. Articles*, Vol. 2, pp6-22. In the matter of united states v charles m. lieber: a case of scientific misconduct or political paranoia
46. Elton, C. (2020) *Boston Today*, Issue of May 21, 2020. City of Spies.
47. Mabuhani, K. (2020) *Has China won*, Ingram Publisher, London, United Kingdom.
48. Jacques, M. (2020), https://www.youtube.com/watch?v=Psy4KqEKtA&feature=emb_logo. From follower to leader: the story of China's rise.
49. Chen, P. (2020) *CBS News*, Issue of September 17, 2020. 2nd senior U.S. official visits Taiwan fueling row with China.
50. Bartash, J. (2020) *Market Watch*, Issue of February 5, 2020. Tariffs on China cut imports but large deficits aren't going away.
51. Nienaber, M. and Wagner, R. (2020) *Reuters*, Issue of February 12, 2020. 'Germany is not safe' despite smaller trade surplus with U.S.: trade experts.
52. Tam, F. and Jim, C. (2020) Issue of January 16, 2020. 'One country, two systems' can continue beyond 2047: Hong Kong Leader.
53. Griffiths, J. (2019) *CNN*, Issue of February 26, 2019.

UN court ruling puts future of strategic US military base Diego Garcia into question.

54. Tung, H.Y.L. (2020) A New Theory of Chaos. An introduction and its application to the study of the global climate change, diabetes, life and death and SARS- COV-2. Cactoa Scientific Publishers, Inc., Astoria (NYC), New York, USA.

55. Cleary, T., Otkan, P. and Fidan, G., Translators (2005) The Art of War by Sun Tzu, Shambhala Publications, Boulder, Colorado, USA.