# 2nr

/// gone for fettweis on the case page instead of chinese good

Heg good/bad indicative of the crises of capitalism proves hat cap econ needs war

Win the broader thesis claim of the world, a rasn why the judge should take a leap of faith

More root cause ^^ -

#### c] No RVI’s - 1] Forces the 1NC to go all-in on Theory which kills substance education, 2] Encourages Baiting since the 1AC will purposely be abusive, and 3] Illogical – you shouldn’t win for not being abusive.

#### Reject 1AR theory- A] 7-6 time skew means it’s endlessly aff biased B] I don’t have a 3nr which allows for endless extrapolation C] 1AR theory is skewed to the aff because they have a 2ar judge psychology warrant.

#### Capitalism commodifies the world and people into a system of production to be maximized for utility this culminates in war, ecological destruction, and genocide which outweighs the aff.

#### The Kritik turns the aff, neoliberalism causes unsustainable development of vaccines because vaccine production and distribution in developing nations leads to the privatization of basic needs such as water, electricity, and education only the rich can afford which cements inequality. It leads to the people who need the vaccine the most, unable to get it which causes their instability scenarios to happen. Conceded alt sovles the case – even if they win heg good, any risk of the heg bad should ow

#### V2L: Capitalism’s continual reduction of people into numbers on a spreadsheet for the purpose of exploitation saps value to life because their only purpose is to produce profit for the system. Datatization nonuniques their case ow’s claim because capital has already removed humanity from people which also means the alt is a prereq to aff solvency.

### link

#### Developing Countries Link: The 1ac’s rhetoric of “distributing vaccines” to countries in Africa and other developing countries is neoliberal logic that fails to interrogate the root cause of systemic inequalities in Africa that come from capitalism. White neoliberal countries trying to “save” developing nations is what causes massive interventions in Africa which set up privatized health care systems which charge huge amounts for vaccines and other medicine. It prevents any aff solvency because companies just set up privatized systems in Africa in hopsitals for distribution of the vaccine that allow only the rich to buy in to it while leaving the poor populations in poverty.

#### Neoliberal State link: The affirmative’s attempt to expand medical access by reducing IP protections to remedy medicinal inequality is an example of capitalism perpetuating the neoliberal myth of a perfect market system that can evolve. The affirmative adopts a neoliberal view of the state when trying to reduce protections to form “an information commons” in which medical access is given to those who want it. Which papers over the everyday exploitation and corruption present in the state. The affirmative is the latest attempt by companies trying to sustain capitalism by saying “hey we can make an exception and give everyone access” which shuts down any attempt at an alternative because people begin to believe capitalism isn’t so bad after all.

### Alt

#### The alternative calls for the end of capitalist globalization through a global socialist movement that shuts down neoliberalism. The Battle of Seattle is an example of the alternative achieving material change and victories against capitalism by shutting down neoliberal instituitions.

### AT: Movement faded out.

#### Our card isolates that the movement faded because there was a lack of a coherent alternative. But the alternative in the kritik solves that, it provides a fw for socialism in which people can make better lives for themselves after the victories against capitalism

#### China’s rise will enforce liberal trade values, not revise the order- views on national sovereignty will decrease interventionism and nuclear deterrence solves US-China war.

Xuetong, PhD, ‘19

(Yan, PoliSci@Berkeley, ProfIR@TsinghuaUniversity, <https://www.foreignaffairs.com/articles/china/2018-12-11/age-uneasy-peace>, January/February) BW

Indeed, much as Chinese leaders hope to be on par with their counterparts in Washington, they worry about the strategic implications of a bipolar U.S.-Chinese order. American leaders balk at the idea of relinquishing their position at the top of the global food chain and will likely go to great lengths to avoid having to accommodate China. Officials in Beijing, in no hurry to become the sole object of Washington’s apprehension and scorn, would much rather see a multipolar world in which other challenges—and challengers—force the United States to cooperate with China. In fact, the United States’ own rise in the nineteenth and early twentieth centuries provides something of a model for how the coming power transition may take place. Because the United Kingdom, the world’s undisputed hegemon at the time, was preoccupied with fending off a challenger in its vicinity—Germany—it did not bother much to contain the rise of a much bigger rival across the pond. China is hoping for a similar dynamic now, and recent history suggests it could indeed play out. In the early months of George W. Bush’s presidency, for instance, relations between Beijing and Washington were souring over regional disputes in the South China Sea, reaching a boiling point when a Chinese air force pilot died in a midair collision with a U.S. surveillance plane in April 2001. Following the 9/11 attacks a few months later, however, Washington came to see China as a useful strategic partner in its global fight against terrorism, and relations improved significantly over the rest of Bush’s two terms. Today, unfortunately, the list of common threats that could force the two countries to cooperate is short. After 17 years of counterterrorism campaigns, the sense of urgency that once surrounded the issue has faded. Climate change is just as unlikely to make the list of top threats anytime soon. The most plausible scenario is that a new global economic crisis in the coming years will push U.S. and Chinese leaders to shelve their disagreements for a moment to avoid economic calamity—but this, too, remains a hypothetical. To make matters worse, some points of potential conflict are here to stay—chief among them Taiwan. Relations between Beijing and Taipei, already tense, have taken a turn for the worse in recent years. Taiwan’s current government, elected in 2016, has questioned the notion that mainland China and Taiwan form a single country, also known as the “one China” principle. A future government in Taipei might well push for de jure independence. Yet a Taiwanese independence referendum likely constitutes a redline for Beijing and may prompt it to take military action. If the United States were to respond by coming to Taiwan’s aid, a military intervention by Beijing could easily spiral into a full-fledged U.S.-Chinese war. To avoid such a crisis, Beijing is determined to nip any Taiwanese independence aspirations in the bud by political and economic means. As a result, it is likely to continue lobbying third countries to cut off their diplomatic ties with Taipei, an approach it has already taken with several Latin American countries. Cautious or not, China set somewhat different emphases in its approach to norms that undergird the international order. In particular, a more powerful China will push for a stronger emphasis on national sovereignty in international law. In recent years, some have interpreted public statements by Chinese leaders in support of globalization as a sign that Beijing seeks to fashion itself as the global liberal order’s new custodian, yet such sweeping interpretations are wishful thinking: China is merely signaling its support for a liberal economic order, not for ever-increasing political integration. Beijing remains fearful of outside interference, particularly relating to Hong Kong, Taiwan, Tibet, and Xinjiang, as well as on matters of press freedom and online regulations. As a result, it views national sovereignty, rather than international responsibilities and norms, as the fundamental principle on which the international order should rest. Even as a new superpower in the coming decade, China will therefore pursue a less interventionist foreign policy than the United States did at the apex of its power. Consider the case of Afghanistan: even though it is an open secret that the United States expects the Chinese military to shoulder some of the burden of maintaining stability there after U.S. troops leave the country, the Chinese government has shown no interest in this idea. Increased Chinese clout may also bring attempts to promote a vision of world order that draws on ancient Chinese philosophical traditions and theories of statecraft. One term in particular has been making the rounds in Beijing: wangdao, or “humane authority.” The word represents a view of China as an enlightened, benevolent hegemon whose power and legitimacy derive from its ability to fulfill other countries’ security and economic needs—in exchange for their acquiescence to Chinese leadership. BIPOLARITY IN PRACTICE Given the long shadow of nuclear escalation, the risk of a direct war between China and the United States will remain minimal, even as military, technological, and economic competition between them intensifies. Efforts on both sides to build ever more effective antimissile shields are unlikely to change this, since neither China nor the United States can improve its antimissile systems to the point of making the country completely impervious to a nuclear counterattack. If anything, the United States’ withdrawal from the Intermediate-Range Nuclear Forces Treaty will encourage both sides to build up their nuclear forces and improve their second-strike capabilities, ensuring that neither side will be confident it can launch a nuclear attack on the other without suffering a devastating retaliation. The threat of nuclear war will also keep Chinese tensions with other nuclear-armed powers, such as India, from escalating into outright war.

# 1AR

### 1AR – XT – Vaccine Diplomacy

#### Lack of IP for superior American vaccines means countries have to resort to Chinese vaccines – absent that it shifts the liberal order bcz of alternate narratives – causes instability, transition wars, and extinction.

### 1AR – XT – Pandemics

#### [Security threats] Lack of IP decreases vaccine access – high income development hoards vaccines and current trends aren’t enough to meet targets – absent vaccinations mutations are inevitable which proliferates covid – causes weaknesses that cause WMD and nuke war. The aff solves- gives IP to developing countries to locally manufacture vaccines.

### Cap

#### The role of the ballot is to evaluate the hypothetical consequences of the plan – clash controls the internal link to every one of their framework args. Only weighing the case allows us to determine the practical impacts of politics and preserves the predictability and aff leverage that fosters engagement. Rigorous contestation and third and fourth-line testing are key to generate the self-reflexivity that creates ethical subjects. Fiat is independently good for ethical distancing and looking at the consequences of our actions. Unless the alt eliminates lethal autonomous weapons, case is an 6-minute disad.

#### Extend Johnson and Thayer - Countries are offensive realists – actors have desire for preservation – only our claim is backed by scientific evidence which outweighs – otherwise it justifies untested assumptions about human nature which greenlights racist theories like “black people are inferior.” Only we can explain modern geopolitics which controls explanatory power in the context of the resolution.

#### Extinction outweighs – status quo uncertainty about ethics means you default to keeping humans alive so we can resolve it

#### Permutation do both – the plan deconstructs big pharma

#### Their links are non-sense – make them pull specific lines of 1ac rhetoric.

#### The content of the plan being good means the discussion is good too

#### Capitalism is good –

#### 1] Growth is sustainable and solves climate change.

Bailey 18 [Ronald; February 16; B.A. in Economics from the University of Virginia, member of the Society of Environmental Journalists and the American Society for Bioethics and Humanities, citing a compilation of interdisciplinary research; Reason, “Is Degrowth the Only Way to Save the World?” https://reason.com/2018/02/16/is-degrowth-the-only-way-to-save-the-wor; RP] Re-Cut Justin

Unless us folks in rich countries drastically reduce our material living standards and distribute most of what we have to people living in poor countries, the world will come to an end. Or at least that's the stark conclusion of a study published earlier this month in the journal Nature Sustainability. The researchers who wrote it, led by the Leeds University ecological economist Dan O'Neill, think the way to prevent the apocalypse is "degrowth." Vice, pestilence, war, and "gigantic inevitable famine" were the planetary boundaries set on human population by the 18th-century economist Robert Thomas Malthus. The new study gussies up old-fashioned Malthusianism by devising a set of seven biophysical indicators of national environmental pressure, which they then link to 11 indicators of social outcomes. The aim of the exercise is to concoct a "safe and just space" for humanity. Using data from 2011, the researchers calculate that the annual per capita boundaries for the world's 7 billion people consist of the emission of 1.6 tons of carbon dioxide per year and the annual ceonsumption of 0.9 kilograms of phosphorus, 8.9 kilograms of nitrogen, 574 cubic meters of water, 2.6 tons of biomass (crops and wood), plus the ecological services of 1.7 hectares of land and 7.2 tons of material per person. On the social side, meanwhile, the researchers say that life satisfaction in each country should exceed 6.5 on the 10-point Cantril scale, that healthy life expectancy should average at least 65 years, and that nutrition should be over 2,700 calories per day. At least 95 percent of each country's citizens must have access to good sanitation, earn more than $1.90 per day, and pass through secondary school. Ninety percent of citizens must have friends and family they can depend on. The threshold for democratic quality must exceed 0.8 on an index scale stretching from -1 to +1, while the threshold for equality is set at no higher than 70 on a Gini Index where 0 represents perfect equality and 100 implies perfect inequality. They set the threshold for percent of labor force employed at 94 percent. So how does the U.S. do with regard to their biophysical boundaries and social outcomes measures? We Americans transgress all seven of the biophysical boundaries. Carbon dioxide emissions stand at 21.2 tons per person; we each use an average of 7 kilograms of phosphorus, 59.1 kilograms of nitrogen, 611 cubic meters of water, and 3.7 tons of biomass; we rely on the ecological services of 6.8 hectares of land and 27.2 tons of material. Although the researchers urge us to move "beyond the pursuit of GDP growth to embrace new measures of progress," it is worth noting that U.S. GDP is $59,609 per capita. On the other hand, those transgressions have provided a pretty good life for Americans. For example, life satisfaction is 7.1; healthy life expectancy is 69.7 years; and democratic quality stands at 0.8 points. The only two social indicators we just missed on were employment (91 percent) and secondary education (94.7 percent). On the other hand, our hemisphere is home to one paragon of sustainability—Haiti. Haitians breach none of the researchers' biophysical boundaries. But the Caribbean country performs abysmally on all 11 social indicators. Life satisfaction scores at 4.8; healthy life expectancy is 52.3 years; and Haitians average 2,105 calories per day. The country tallies -0.9 on the democratic quality index. Haiti's GDP is $719 per capita. Other near-sustainability champions include Malawi, Nepal, Myanmar, and Nicaragua. All of them score dismally on the social indicators, and their GDPs per capita are $322, $799, $1,375, and $2,208, respectively. The country that currently comes closest to the researchers' ideal of remaining within its biophysical boundaries while sufficient social indicators is…Vietnam. For the record, Vietnam's per capita GDP is $2,306. "Countries with higher levels of life satisfaction and healthy life expectancy also tend to transgress more biophysical boundaries," the researchers note. A better way to put this relationship is that more wealth and technology tend to make people happier, healthier, and freer. O'Neill and his unhappy team fail drastically to understand how human ingenuity unleashed in markets is already well on the way toward making their supposed planetary boundaries irrelevant. Take carbon dioxide emissions: Supporters of renewable energy technologies say that their costs are already or will soon be lower than those of fossil fuels. Boosters of advanced nuclear reactors similarly argue that they can supply all of the carbon-free energy the world will need. There's a good chance that fleets of battery-powered self-driving vehicles will largely replace private cars and mass transit later in this century. Are we about to run out of phosphorous to fertilize our crops? Peak phosphorus is not at hand. The U.S. Geological Survey (USGS) reports that at current rates of mining, the world's known reserves will last 266 years. The estimated total resources of phosphate rock would last over 1,140 years. "There are no imminent shortages of phosphate rock," notes the USGS. With respect to the deleterious effects that using phosphorus to fertilize crops might have outside of farm fields, researchers are working on ways to endow crops with traits that enable them to use less while maintaining yields. O'Neill and his colleagues are also concerned that farmers are using too much nitrogen fertilizer, which runs off fields into the natural environment and contributes to deoxygenated dead zones in the oceans, among other ill effects. This is a problem, but one that plant breeders are already working to solve. For example, researchers at Arcadia Biosciences have used biotechnology to create nitrogen-efficient varieties of staples like rice and wheat that enable farmers to increase yields while significantly reducing fertilizer use. Meanwhile, other researchers are moving on projects to engineer the nitrogen fixation trait from legumes into cereal crops. In other words, the crops would make their own fertilizer from air. Water? Most water is devoted to the irrigation of crops; the ongoing development of drought-resistant and saline-tolerant crops will help with that. Hectares per capita? Humanity has probably already reached peak farmland, and nearly 400 million hectares will be restored

#### 2] Extinction’s inevitable – only growth can sustain colonization and solve extinction

**Skran 16** [Dale Skran is Executive Vice President of the National Space Society and a member of the Board of Directors of the Alliance for Space Development. “Settling space is the only sustainable reason for humans to be in space,” <http://www.thespacereview.com/article/2915/1>] Re-Cut Justin

As robotic and artificial intelligence technologies improve and enable increasingly robust exploration without a human presence, eventually there will be only one sustainable reason for humans to be in space: settlement. Research into the recycling technology required for long-term off-Earth settlements will directly benefit terrestrial sustainability. Actively working toward developing and settling space will make available mineral and energy resources for use on Earth on a vast scale. Finally, space settlement offers the hope of long-term species survival that remaining on Earth does not. There are more than seven billion people on the Earth today. No rational space settlement advocate suggests that any significant portion of that population, or even of those who are rich, will be moving to Mars or anywhere else in space. However, a recent essay by Astro Teller, head of Google X Labs, and his wife Danielle, a physician and researcher takes the bold position that “It’s completely ridiculous to think that humans could live on Mars.” This essay, published by Quartz, repeats with little examination some of the hoariest arguments against space settlement. To support this view, the Tellers quote their 12-year-old daughter: “I can’t stand that people think we’re all going to live on Mars after we destroy our own planet.” This quote contains two mischaracterizations that demand refutation: that “we are all” going to live in space and that we are going to live in space after we destroy Earth. Another canard that has long floated about was given form by the recent film Elysium starring Matt Damon: the rich will leave the poor on the Earth and escape to space settlements. Upon examination, all three of these ideas are strawmen. There are more than seven billion people on the Earth today. No rational space settlement advocate suggests that any significant portion of that population, or even of those who are rich, will be moving to Mars or anywhere else in space. Instead, we expect that relatively small numbers of highly qualified individuals, or those who are deeply dedicated to living in space, would form the first settlements. Over a significant period of time, thousands more from the Earth would join those settlements as they become increasingly self-sufficient. Over more time, various possible niches for settlement (Moon, Mars, asteroids, free space, etc.) will be occupied, and eventually the population in space will total many millions, most of whom will have been born in space. So why then do Elon Musk, Stephen Hawking, and many others, including organizations like the National Space Society (NSS) and Alliance for Space Development, believe strongly that space settlement is essential to human survival? Although this may seem surprising, the Earth is not a “safe space.” The destiny of virtually all species on Earth is extinction in a relatively short span of geologic time. The Tellers claim that “we live on a planet that is perfect for us.” This statement is both completely true and total nonsense. We fit well on the Earth because we have evolved over millions of years to become creatures that are both adapted to live here and to like living here. It is truer to say that we are perfect for the Earth than the reverse. In fact, the Earth is not such a commodious place. It is subject to periodic calamities of various sorts, ranging from massive asteroid and comet impacts to titanic volcanic eruptions, and from periodic ice ages to disastrous solar flares. In the short run, the Earth seems balmy and comfortable. Viewed from the perspective of deep time, it starts to look more like a death trap, bedeviled by regular mass extinctions. However, things are actually quite a bit worse. Although there are many potentially bad things that might happen to the human race on the Earth from natural sources, there are many more from unnatural sources. We have been dancing with nuclear disaster for a long time. An apocalyptic atomic war is not inevitable, but it is possible. Add to this scenario the genetically engineered killer virus, “gray goo,” a robot revolt, and other horrors as yet undreamt, and the odds against human survival get longer. Hence, the need to abandon the fiction of Earth as our eternal and unchanging perfect home and to appreciate both the need for, and promise of, space settlement. Not so the rich can escape to an Elysium in the sky, or so we can all leave behind a polluted and overheated Earth, but simply so that the human species and human culture has a chance at surviving and flourishing in the long term. The Tellers believe that sustainability on the Earth has no relationship to what we do in space, but the same technologies that enable deep space settlement will have a profound impact on terrestrial sustainability. The Tellers write, “We haven’t even colonized the Sahara desert, the bottom of the oceans… because it makes no economic sense.” This may be true, but it also makes no sense to settle the Sahara desert, the bottom of the oceans, or Antarctica since these locations are on the Earth, and humans living there will not increase the probability of species survival. Near-Earth free space settlements and lunar bases are just stepping stones to ones much further out that are quarantined from Earth by millions of kilometers of vacuum. Once the motivation of species survival is put front and center, it becomes clear that a settlement in low Earth orbit, on the Moon, at L5, or on the Martian surface is not nearly sufficient. What is needed is a large set of thriving communities distributed throughout the solar system, and even ultimately in the Oort Cloud surrounding the solar system proper. This vision is not a small thing. It will be the work of many generations, just as was the settling of the New World or, even earlier in history, the human diaspora out of Africa along the Asian coast to Australia and beyond. The Tellers believe that sustainability on the Earth has no relationship to what we do in space, but the same technologies that enable deep space settlement will have a profound impact on terrestrial sustainability. Space settlements, of necessity, push the limits of food production per square meter and per liter of water. Space settlement agricultural methods can also be applied to growing food in parched California or in vertical farms in crowded urban areas. Space settlements require humans and technology to co-exist in close proximity. This implies an absolute minimization of pollution and sustained recycling of all waste. Such technologies seem highly applicable to sustainability on Earth as well. We will need to provide the best possible medical care for remote space settlements, which will be far from hospitals on Earth. The technologies that make such medicine effective—“tricorders”, telemedicine, and so on—can also bring medical care to underdeveloped and underserved areas of the Earth. The Tellers raise the specter of “winter-over syndrome” in the Antarctic, writing that “living on Mars would be way, way more miserable than living in Antarctica,” and concluding, “Nobody wants to live there.” Although it is clear that the Tellers will not be going, the large numbers who signed up for Mars One’s sketchy settlement plans suggest that a lot of people do want to live on Mars. There are real challenges to constructing space settlements, but current Antarctic bases are not true settlements. Nobody lives there with their families, with the exception of the coastal Esperanza Base, where about ten families routinely winter over. No real effort is made to create any kind of human environment that is comfortable over a long period of time. Conditions in Antarctica might be better compared to living in a campground than a self-sustaining settlement. Additionally, the current Antarctic Treaty essentially prevents any extraction or use of the natural resources found there, thus making economically independent settlements infeasible. The Tellers think that, from an economic perspective, “Mars has nothing to offer in return.” Here, at least in the short run, they have a point. Let us not shy from the truth. Conditions in the early settlements in the New World were difficult at best, and the casualty rate was high. We should expect the same to hold true for early space settlements. However, Jamestown and Plymouth gave rise to vast cities and a tamed landscape on a scale of hundreds of years. We now bring to the table technological means that would seem magical to the Jamestown settlers. Even as difficult an environment as the Moon can be developed and settled using technology that either exists currently or is an engineering project, as one book suggests. The Tellers think that, from an economic perspective, “Mars has nothing to offer in return.” Here, at least in the short run, they have a point. Although Mars may have more of the natural resources a settlement will need than, say, the Moon, it is at the bottom of a fairly steep gravity well and, for the time being, it is not likely that there will be many Mars-to-Earth exports. However, this is like looking at the resources of the New World via a keyhole, seeing a swamp, and reporting back that there is no point in going there. It is worth keeping in mind the example of “Seward’s Folly.” The purchase of Alaska from Russia was mocked as “Seward’s icebox” and a “polar bear garden.” At the time, the oil and mineral riches of Alaska were undiscovered and undreamt of. Space itself teems with valuable resources, including continuous and abundant solar energy and mineral wealth on a scale beyond imagination just in the near Earth asteroids. Just as the Tellers were dismissing space resources as irrelevant, the US Congress was laying the legal groundwork for asteroid and lunar mining with the passage of the Commercial Space Launch Competitiveness Act, signed by President Obama on November 23, 2015. The Tellers also seem unaware that their leadership at Google, Larry Page and Eric Schmidt, are investors in the asteroid mining firm Planetary Resources. The Tellers say that “we won’t survive [on Earth] unless we learn to live in a resource neutral way.” This statement assumes that that Earth is a closed system, which it is not. The Earth is flooded daily with vast amounts of solar energy that, if exploited, could power just about any civilization we wish to maintain. There is no technical limitation to providing continuous, carbon-free power from space solar power satellites beaming power back to the surface of the Earth anywhere it might be needed. The main opposition to this idea derives from an unwillingness to consider centralized power systems on ideological grounds, combined with the unexpected reality of very cheap natural gas today. Even the most conservative consideration of near-Earth asteroid resources suggests that there is no reason to view the Earth as a closed system to which nothing can be added. The time for the settlement of Mars will come, but first we need to build on our success in developing the resources of Earth orbit, in the form of navigation, Earth observation, communication, and weather satellites, by fully developing the economic potential of the Earth-Moon system. Space settlements must flow out of the development of the economic resources of space if they are to be sustainable in the long term. The NSS has developed a complete description of milestones toward the development of space settlements. In view of the above, Astro Teller was probably right to turn down the “space cadet” who wanted Google X to spend money on Mars settlement. But wait—Google is doing exactly that. A key first step toward space settlement is ensuring a gapless transition from the existing International Space Station to commercially owned and operated LEO space stations as described in the NSS position paper “Next Generation Space Stations.” Next will come the development of the resources of the Moon and neaby asteroids leading to the creation of a self-sustaining Earth-Moon economy. Once we have established an asteroid-Earth-Moon economy that makes the resources found in this region fully available for projects ranging from the construction of solar power satellites to fueling future Mars missions, trips to Mars will be far less of a reach than they are today. In view of the above, Astro Teller was probably right to turn down the “space cadet” who wanted Google X to spend money on Mars settlement. Currently Google’s money would be better spent in low Earth orbit, among the asteroids, and on the Moon, joining forces with the growing number of entrepreneurs seeking their fortunes in space. But wait—Google is doing exactly that by sponsoring the Google Lunar X PRIZE to encourage private groups to send landers to the Moon, and investing $900 million in Elon Musk’s SpaceX. Given that corporate Google (now Alphabet) has just made a massive investment in a company founded to settle Mars, the Tellers’ essay sounds a bit like sour grapes. In any case, the Tellers are completely wrong in their disregard of the potential economic benefits of space development and the underlying motivation for space settlement.

### 1AR – C/I – Generic

#### I meet: the aff is a permanent waiver during pandemics

#### Counterinterp: Reduce is suspending a benefit until a condition is met

USCA 01 [United States Court of Appeals, Fourth Circuit, 1/17/01, Carrington Gardens Associates, I v. Cisneros, 1 F. App'x 239 (2001), <https://cite.case.law/f-appx/1/239/136950/>] // Recut Justin

The housing contract, which specifically incorporates HUD’s regulations in section 3, establishes other remedies that HUD may exercise if an owner is in default on its obligations. Section 26 of the housing contract states that if an owner is in default, then HUD may: (a) Pay housing assistance directly to the mortgagee in the event of default under mortgage. \*242(b) Reduce or suspend housing assistance payments until the default under this Contract has been cured to the satisfaction of HUD. (c) Withhold housing assistance payments until the default under this Contract has been cured to the satisfaction of HUD. Therefore, if HUD finds that an owner has violated its obligations under the housing contract to maintain decent, safe, and sanitary housing, HUD may abate payments pursuant to 24 C.F.R. § 886.123 or exercise a remedy listed in section 26 of the housing contract. In this connection, we note that the meaning of abate is “a: to bring entirely down; demolish: put an end to: do away with.” Webster’s Third New Int’l Dictionary 2 (1971). Under the regulation, 24 C.F.R. § 886.123, the payments to Carrington could have been stopped for good, the contract terms aside. For construction of the contract terms, we adopt the wording of the opinion of the district court for the next three paragraphs of this opinion which follow: The plain meaning of the word “withhold” is “[tjo retain in one’s possession that which belongs to or is claimed or sought by another.... To refrain from paying that which is due.” Black’s Law Dictionary 1602 (6th ed.1990). Using this common meaning of “withhold,” HUD clearly has the authority to retain housing assistance payments. But, the HAP Contract’s withhold remedy also limits how long the funds may be retained. The housing assistance payments may be retained only “until the default under this Contract has been cured.” Tr.Ex. 8, § 26. Once the default is cured, HUD may no longer keep the retained funds. This remedy, therefore, creates a trust type relationship where HUD has the authority to keep the withheld funds on the owner’s account only while the owner is in default and thereafter must pay out the withheld funds when the default is cured. In contrast, the reduce-or-suspend remedy suggests a more permanent forfeiture of funds. The word “suspend” means “[t]o interrupt; to cause to cease for a time; to postpone; to stay, delay, or hinder; to discontinue temporarily, but with an expectation or purpose of resumption.” Black’s Law Dictionary 1446 (6th ed.1990). “Reduce” means “to diminish in size, amount, extent, or number.” Webster’s Third New International Dictionary 1905 (1981).3 Based on these definitions, “**reduce” is merely a less radical form of “suspend**.” Under the common meanings of “reduce” and “suspend,” HUD has the authority to discontinue housing assistance payments entirely or diminish the size of the payments while Carrington Gardens is in default. Like the withhold remedy, this remedy limits how long payments may be discontinued or diminished— only “until the default under this Contract has been cured.” Tr.Ex. 8, § 26. After the default has been cured, therefore, HUD must resume full housing assistance payments. Unlike the withhold remedy, however, under the plain language of the reduce-or-suspend remedy, HUD is under no obligation to pay out any discontinued or diminished funds. The words “suspend” or “reduce” furnish no inference or suggestion that HUD is obligated to retain suspended or reduced funds on the owner’s account until a default is cured. This language in the HAP Contract speaks \*243only to HUD’s obligation to begin full payments after the default is cured. JA 546-548. Thus, under the applicable regulations and the contract between the parties, the Secretary could have imposed any remedy from abatement of the payments to suspension of them for a time, with or without making up the suspended payments.

#### Debate solves linguistics—we determine predictability based on factors like clash and limits. Semantics are a floor not a ceiling—if we are predictable division of ground is more important.

#### Prefer:

#### 1] Aff ground:

#### A] Mooting—leads to infinite PICs about timeframe like the TRIPs waiver which restarts the 1AR and causes late-breaking debates

#### B] Topic lit—articles are written in the context of when reductions are happening not IP good/bad. Universal reductions don’t exist which proves functional limits: impacts, advantages, solvency advocates check.

#### 2] Clash—forces research and nuanced debates about IPP in various timeframes—covid is distinct from future diseases—their model results in Frankenstein affs tacking on permanency with no lit

#### 3] Small affs lose to generics —they get Ks, politics DAs, perception DAs, process CPs, and NCs.

#### [ ] RVI’s – good to rectify 1AR skew and deters friv theory that distracts from substance – turns the a point and fairness controls the IL to what is logical. Friv theory turns baiting since if the shell was good you would win

#### [ ] Linguistics DA: semantics first privileges rules that govern proper speaking since it affirms there is only one way of speaking english which excludes POC and other dialectics. Drop the debater for inclusion and to deter future abuse---outweighs because it’s an impact filter.

### Medicine

#### I meet – plan text is medicines during pandemics

#### Counterinterp – we can defend covid

Cimpian et al, PhDs, 10

(Andrei, Amanda C. Brandone, Susan A. Gelman, Generic statements require little evidence for acceptance but have powerful implications, Cogn Sci. 2010 Nov 1; 34(8): 1452–1482)

Generic statements (e.g., “Birds lay eggs”) express generalizations about categories. In this paper, we hypothesized that there is a paradoxical asymmetry at the core of generic meaning, such that these sentences have extremely strong implications but require little evidence to be judged true. Four experiments confirmed the hypothesized asymmetry: Participants interpreted novel generics such as “Lorches have purple feathers” as referring to nearly all lorches, but they judged the same novel generics to be true given a wide range of prevalence levels (e.g., even when only 10% or 30% of lorches had purple feathers). A second hypothesis, also confirmed by the results, was that novel generic sentences about dangerous or distinctive properties would be more acceptable than generic sentences that were similar but did not have these connotations. In addition to clarifying important aspects of generics’ meaning, these findings are applicable to a range of real-world processes such as stereotyping and political discourse. Keywords: generic language, concepts, truth conditions, prevalence implications, quantifiers, semantics Go to: 1. Introduction A statement is generic if it expresses a generalization about the members of a kind, as in “Mosquitoes carry the West Nile virus” or “Birds lay eggs” (e.g., Carlson, 1977; Carlson & Pelletier, 1995; Leslie, 2008). Such generalizations are commonplace in everyday conversation and child-directed speech (Gelman, Coley, Rosengren, Hartman, & Pappas, 1998; Gelman, Taylor, & Nguyen, 2004; Gelman, Goetz, Sarnecka, & Flukes, 2008), and are likely to foster the growth of children’s conceptual knowledge (Cimpian & Markman, 2009; Gelman, 2004, 2009). Here, however, we explore the semantics of generic sentences—and, in particular, the relationship between generic meaning and the statistical prevalence of the relevant properties (e.g., what proportion of birds lay eggs). Consider, first, generics’ truth conditions: Generic sentences are often judged true despite weak statistical evidence. Few people would dispute the truth of “Mosquitoes carry the West Nile virus”, yet only about 1% of mosquitoes are actually carriers (Cox, 2004). Similarly, only a minority of birds lays eggs (the healthy, mature females), but “Birds lay eggs” is uncontroversial. This loose, almost negligible relationship between the prevalence of a property within a category and the acceptance of the corresponding generic sentence has long puzzled linguists and philosophers, and has led to many attempts to describe the truth conditions of generic statements (for reviews, see Carlson, 1995; Leslie, 2008). Though generics’ truth conditions may be unrelated to property prevalence (cf. Prasada & Dillingham, 2006), the same cannot be said about the implications of generic statements. When provided with a novel generic sentence, one often has the impression that the property talked about is widespread. For example, if we were unfamiliar with the West Nile virus and were told (generically) that mosquitoes carry it, it would not be unreasonable to assume that all, or at least a majority of, mosquitoes are carriers (Gelman, Star, & Flukes, 2002). It is this paradoxical combination of flexible, almost prevalence-independent truth conditions, on the one hand, and widespread prevalence implications, on the other, that is the main focus of this article. We will attempt to demonstrate empirically that the prevalence level that is sufficient to judge a generic sentence as true is indeed significantly lower than the prevalence level implied by that very same sentence. If told that, say, “Lorches have purple feathers,” people might expect almost all lorches to have these feathers (illustrating generics’ high implied prevalence), but they may still agree that the sentence is true even if the actual prevalence of purple feathers among lorches turned out to be much lower (illustrating generics’ flexible truth conditions). Additionally, we propose that this asymmetry is peculiar to generic statements and does not extend to sentences with quantified noun phrases as subjects. That is, the prevalence implied by a sentence such as “Most lorches have purple feathers” may be more closely aligned with the prevalence that would be needed to judge it as true. Before describing our studies, we provide a brief overview of previous research on the truth conditions and the prevalence implications of generic statements. 1.1. Generics’ truth conditions Some of the first experimental evidence for the idea that the truth of a generic statement does not depend on the underlying statistics was provided by Gilson and Abelson (1965; Abelson & Kanouse, 1966) in their studies of “the psychology of audience reaction” to “persuasive communication” in the form of generic assertions (Abelson & Kanouse, 1966, p. 171). Participants were presented with novel items such as the following: Altogether there are three kinds of tribes—Southern, Northern, Central. Southern tribes have sports magazines. Northern tribes do not have sports magazines. Central tribes do not have sports magazines. Do tribes have sports magazines? All items had the same critical feature: only one third of the target category possessed the relevant property. Despite the low prevalence, participants answered “yes” approximately 70% of the time to “Do tribes have sports magazines?” and other generic questions similar to it. Thus, people’s acceptance of the generics did not seem contingent on strong statistical evidence, leaving the door open for persuasion, and perhaps manipulation, by ill-intentioned communicators. A similar conclusion about the relationship between statistical prevalence and generics’ truth conditions emerged from the linguistics literature on this topic (e.g., Carlson, 1977; Carlson & Pelletier, 1995; Dahl, 1975; Declerck, 1986, 1991; Lawler, 1973). For example, Carlson (1977) writes that “there are many cases where […] less than half of the individuals under consideration have some certain property, yet we still can truly predicate that property of the appropriate bare plural” (p. 67), as is the case with “Birds lay eggs” and “Mosquitoes carry the West Nile virus” but also with “Lions have manes” (only males do), “Cardinals are red” (only males are), and others. He points out, moreover, that there are many properties that, although present in a majority of a kind, nevertheless cannot be predicated truthfully of that kind (e.g., more than 50% of books are paperbacks but “Books are paperbacks” is false).

#### C/a pics and clash here

#### Prefer:

#### 1] Topic ed – the advantage proves literature controversy and it’s unique given that all lit is about our aff – err towards inclusion to incentivize deep research skills and broaden topic ed which o/w since they’re the only portable impacts

#### 2] Overlimiting – affs get wrecked by hyperspecific case negs and the distribution counterplan, also creates stale clash which link turns the impact to limits

#### 3] Functional limits and generics – solvency advocates, inherency requires squo IPP, and small affs lose to Ks, NCs, health diplomacy, or innovation

#### Reasonability—voting neg requires sacrificing substance which means abuse on T has to outweigh the abuse of voting on T – 1] reasonably abusive 2] briteline is if substance education outwieghs

### 1AR – Consult WHO CP

#### 1] Perm do the CP: Consultation is normal means

#### A] Ought is to ask for advice.

Lexico [<https://www.lexico.com/definition/ought>] Justin

MODAL VERB **ought** 1with infinitive Used to indicate duty or correctness, typically when criticizing someone's actions. ‘they ought to respect the law’ 1.1Used to indicate a desirable or expected state. ‘he ought to be able to take the initiative’ 1.2Used to **give or ask for advice**. ‘you ought to go’

#### B] Resolved means to consult.

Merriam-Webster [https://www.merriam-webster.com/dictionary/resolved] Justin

[intransitive verb](https://www.merriam-webster.com/dictionary/intransitive) 1**:** to become separated into component partsalso **:** to become reduced by dissolving or analysis 2**:** to form a resolution **:** [DETERMINE](https://www.merriam-webster.com/dictionary/determine) 3**:** [**CONSULT**](https://www.merriam-webster.com/dictionary/consult)**,** [**DELIBERATE**](https://www.merriam-webster.com/dictionary/deliberate) 4**:** to progress from dissonance to consonance

#### 2] Perm do the CP –

#### A] if they win a say yes argument it’s not functionally competitive because it results in the plan. Functional competition is good cuz if the counterplan can just result in the 1AC then it prevents topic education and prevents research into the intricacies of intellectual proeprty.

#### B] Normal means

Collins, David 15 [(Professor of International Economic Law at City University London). 2015, The World Trade Organization: A Beginner's Guide.] Justin

Panellists and Appellate Body members are experts in WTO law, so they are not necessarily equipped with a sophisticated understanding of particular industries or complex scientific or even economic concepts. This is why the WTO courts are able to consult experts to assist them in rendering their decisions. WTO judges have the authority to seek information and technical advice from any individual or body they deem appropriate. This expert advice has been used in a number of cases. For example, a panel sought assistance from scientists regarding alleged risks associated with fresh, chilled and frozen salmon that had not been quarantined according to specific requirements imposed by the Australian government, which Australia had used to impose a ban on salmon imported from Canada. In that case, none of the experts consulted could find any scientific health-related justification for Australia’s salmon regulations. Experts are normally chosen in consultation with both parties, not in a partisan way as in many domestic legal systems. Of course, experts cannot make the case for one of the parties.

In addition to conferring with individual experts, the WTO panels and Appellate Body may also seek assistance from specialized international organizations such as the World Health Organization, the World Intellectual Property Organization and the IMF. The WTO is expected to cooperate with each of these organizations in fulfilling its mandate, especially with the IMF, which establishes stable monetary exchange rates, because of the important role that currency manipulation can play in the distortion of the price of goods that are traded internationally.

#### Yes consultation—WHO still has to manage logistical transfer hubs and ensure vaccine quality etc

#### 3] Cooperation has already happened- NUQ the NB- binding consultation is the not the IL-cooperation is

WTO 7-21 WTO, <https://www.wto.org/english/news_e/news21_e/igo_21jul21_e.htm>, 7/21/21 WHO-WTO dialogue steps up efforts for increased COVID-19 vaccine production and equitable access/SJKS

The World Health Organization (WHO) and the WTO on 21 July hosted a High-Level Dialogue on “Expanding COVID-19 vaccine manufacture to promote equitable access”, with the participation of senior policymakers, heads of multilateral agencies, vaccine manufacturers, development finance institutions, global health initiatives and public health activists. The event, which was held under the Chatham House Rule, aimed to identify obstacles and propose solutions for increasing vaccine production and closing the wide gap in vaccination rates between rich and poor countries. Participants described current and projected production volumes as well as plans for new investments in production capacity. They shared experiences about specific supply chain bottlenecks they were encountering, from export restrictions and raw material shortages to onerous regulatory processes, and exchanged ideas on how these might be addressed. They discussed issues around the transfer of know-how and technology as well as factors influencing their decisions on licensing intellectual property.

#### 3] Combo of functional and textual competition is key to preserve aff ground – prevents debates that center around tiny processes and questions of wording that favor the long 2nr

#### 4] Perm do both—do the plan regardless of what they say--lie permutation—if they say yes then the perm shields the link, if they say no the case outweighs.

#### 5] They say no— Your WHO says yes evidence is awful—It’s 18 years old and only says that the WHO agreed to look at the impact of TRIPS not that they think it should be limited.

#### 6] Aff solves the CP—consultation isn’t necessary

HRW 9-14. “*Sharing Knowledge, Technology Critical to Curb Covid-19*,” HRW, [https://www.hrw.org/news/2021/09/14/sharing-knowledge-technology-critical-curb-covid-19#](https://www.hrw.org/news/2021/09/14/sharing-knowledge-technology-critical-curb-covid-19) // Justin

The WTO is an intergovernmental organization that regulates and facilitates international trade between nations. Its promotion of trade and protection of intellectual property has historically taken priority over health, environment, or human wellbeing. This pattern has had lethal consequences during a pandemic by slowing a public response when at least 4.5 million lives have already been lost. “The Covid-19 pandemic has shown the system needs a long-overdue course correction so that the WHO is empowered, and not undermined, by the WTO,” said Margaret Wurth, senior researcher at Human Rights Watch and a co-author of the paper. “Participating in WHO technology sharing platforms and temporarily waiving intellectual property rules are critical ways forward.”

## 1

#### Interpretation: medicines is a generic bare plural. The aff may not defend that member nations of the World Trade Organization reduce intellectual property protections for a subset of medicines.

Nebel 19 Jake Nebel [Jake Nebel is an assistant professor of philosophy at the University of Southern California and executive director of Victory Briefs.] , 8-12-2019, "Genericity on the Standardized Tests Resolution," Briefly, https://www.vbriefly.com/2019/08/12/genericity-on-the-standardized-tests-resolution/ SM

Both distinctions are important. Generic resolutions can’t be affirmed by specifying particular instances. But, since generics tolerate exceptions, plan-inclusive counterplans (PICs) do not negate generic resolutions. Bare plurals are typically used to express generic generalizations. But there are two important things to keep in mind. First, generic generalizations are also often expressed via other means (e.g., definite singulars, indefinite singulars, and bare singulars). Second, and more importantly for present purposes, bare plurals can also be used to express existential generalizations. For example, “Birds are singing outside my window” is true just in case there are some birds singing outside my window; it doesn’t require birds in general to be singing outside my window. So, what about “colleges and universities,” “standardized tests,” and “undergraduate admissions decisions”? Are they generic or existential bare plurals? On other topics I have taken great pains to point out that their bare plurals are generic—because, well, they are. On this topic, though, I think the answer is a bit more nuanced. Let’s see why. 1.1 “Colleges and Universities” “Colleges and universities” is a generic bare plural. I don’t think this claim should require any argument, when you think about it, but here are a few reasons. First, ask yourself, honestly, whether the following speech sounds good to you: “Eight colleges and universities—namely, those in the Ivy League—ought not consider standardized tests in undergraduate admissions decisions. Maybe other colleges and universities ought to consider them, but not the Ivies. Therefore, in the United States, colleges and universities ought not consider standardized tests in undergraduate admissions decisions.” That is obviously not a valid argument: the conclusion does not follow. Anyone who sincerely believes that it is valid argument is, to be charitable, deeply confused. But the inference above would be good if “colleges and universities” in the resolution were existential. By way of contrast: “Eight birds are singing outside my window. Maybe lots of birds aren’t singing outside my window, but eight birds are. Therefore, birds are singing outside my window.” Since the bare plural “birds” in the conclusion gets an existential reading, the conclusion follows from the premise that eight birds are singing outside my window: “eight” entails “some.” If the resolution were existential with respect to “colleges and universities,” then the Ivy League argument above would be a valid inference. Since it’s not a valid inference, “colleges and universities” must be a generic bare plural. Second, “colleges and universities” fails the upward-entailment test for existential uses of bare plurals. Consider the sentence, “Lima beans are on my plate.” This sentence expresses an existential statement that is true just in case there are some lima beans on my plate. One test of this is that it entails the more general sentence, “Beans are on my plate.” Now consider the sentence, “Colleges and universities ought not consider the SAT.” (To isolate “colleges and universities,” I’ve eliminated the other bare plurals in the resolution; it cannot plausibly be generic in the isolated case but existential in the resolution.) This sentence does not entail the more general statement that educational institutions ought not consider the SAT. This shows that “colleges and universities” is generic, because it fails the upward-entailment test for existential bare plurals. Third, “colleges and universities” fails the adverb of quantification test for existential bare plurals. Consider the sentence, “Dogs are barking outside my window.” This sentence expresses an existential statement that is true just in case there are some dogs barking outside my window. One test of this appeals to the drastic change of meaning caused by inserting any adverb of quantification (e.g., always, sometimes, generally, often, seldom, never, ever). You cannot add any such adverb into the sentence without drastically changing its meaning. To apply this test to the resolution, let’s again isolate the bare plural subject: “Colleges and universities ought not consider the SAT.” Adding generally (“Colleges and universities generally ought not consider the SAT”) or ever (“Colleges and universities ought not ever consider the SAT”) result in comparatively minor changes of meaning. (Note that this test doesn’t require there to be no change of meaning and doesn’t have to work for every adverb of quantification.) This strongly suggests what we already know: that “colleges and universities” is generic rather than existential in the resolution. Fourth, it is extremely unlikely that the topic committee would have written the resolution with the existential interpretation of “colleges and universities” in mind. If they intended the existential interpretation, they would have added explicit existential quantifiers like “some.” No such addition would be necessary or expected for the generic interpretation since generics lack explicit quantifiers by default. The topic committee’s likely intentions are not decisive, but they strongly suggest that the generic interpretation is correct, since it’s prima facie unlikely that a committee charged with writing a sentence to be debated would be so badly mistaken about what their sentence means (which they would be if they intended the existential interpretation). The committee, moreover, does not write resolutions for the 0.1 percent of debaters who debate on the national circuit; they write resolutions, at least in large part, to be debated by the vast majority of students on the vast majority of circuits, who would take the resolution to be (pretty obviously, I’d imagine) generic with respect to “colleges and universities,” given its face-value meaning and standard expectations about what LD resolutions tend to mean.

#### It applies to medicines:

#### Upward entailment test – spec fails the upward entailment test because saying that nations ought to reduce IPP for one medicine does not entail that those nations ought to reduce IPP for all medicines

#### Adverb test – adding “usually” to the res doesn’t substantially change its meaning because a reduction is universal and permanent

#### Vote neg:

#### Semantics outweigh:

#### T is a constitutive rule of the activity and a basic aff burden – they agreed to debate the topic when they came here

#### Jurisdiction – you can’t vote aff if they haven’t affirmed the resolution

#### It’s the only stasis point we know before the round so it controls the internal link to engagement – there’s no way to use ground if debaters aren’t prepared to defend it

#### Limits – there are countless affs accounting for thousands of medicines – unlimited topics incentivize obscure affs that negs won’t have prep on – limits are key to reciprocal prep burden – potential abuse doesn’t justify foregoing the topic and 1AR theory checks PICs. 1] Aff Limits are worse: a) specification forces the neg to bad pics that don't clash and produce stale debates. b]  infinite prep means that the aff can check back against pics while the neg won't have case-specific offense

#### No offense - either PICs are abusive and spikes and theory checks and you don't need spec OR PICs aren't abusive and you don't need spec. Potential abuse doesn't justify aff abuse - just cause the neg couldread PICs or aprioris doesn't mean the aff gets to be abusive themselves

#### There are over 20,000 affs

FDA 11/18 [(U.S. Food and Drug Administration, federal agency of the Department of Health and Human Service) “Fact Sheet: FDA at a Glance,” 11/18/2020] JL

There are over 20,000 prescription drug products approved for marketing.

FDA oversees over 6,500 different medical device product categories.

There are over 1,600 FDA-approved animal drug products.

There are about 300 FDA-licensed biologics products.

#### Ground – spec guts core generics like innovation that rely on reducing IP for all medicines because individual medicines don’t affect the pharmaceutical industry broadly – also means there is no universal DA to spec affs

#### TVA solves – read as an advantage to whole rez

## 2

#### 1] Interpretation - Reduce means permanent reduction – it’s distinct from “waive” or “suspend.”

**Reynolds 59** (Judge (In the Matter of Doris A. Montesani, Petitioner, v. Arthur Levitt, as Comptroller of the State of New York, et al., Respondents [NO NUMBER IN ORIGINAL] Supreme Court of New York, Appellate Division, Third Department 9 A.D.2d 51; 189 N.Y.S.2d 695; 1959 N.Y. App. Div. LEXIS 7391 August 13, 1959, lexis)

Section 83's counterpart with regard to nondisability pensioners, section 84, prescribes a reduction only if the pensioner should again take a public job. The disability pensioner is penalized if he takes any type of employment. The reason for the difference, of course, is that in one case the only reason pension benefits are available is because the pensioner is considered incapable of gainful employment, while in the other he has fully completed his "tour" and is considered as having earned his reward with almost no strings attached. It would be manifestly unfair to the ordinary retiree to accord the disability retiree the benefits of the System to which they both belong when the latter is otherwise capable of earning a living and had not fulfilled his service obligation. If it were to be held that withholdings under section 83 were payable whenever the pensioner died or stopped his other employment the whole purpose of the provision would be defeated, i.e., the System might just as well have continued payments during the other employment since it must later pay it anyway.  [\*\*\*13] The section says "reduced", does not say that monthly payments shall be temporarily suspended; it says that the pension itself shall be reduced. The plain dictionary meaning of the word is to diminish, lower or degrade. The word "reduce" seems adequately to indicate permanency.

#### It’s temporary – we read blue

**Meredith 21**. [(Sam Meredith is a Correspondent at CNBC in London, covering international politics, energy and business news) “Rich countries are refusing to waive the rights on Covid vaccines as global cases hit record levels,” CNBC, April 22, 2021. <https://www.cnbc.com/2021/04/22/covid-rich-countries-are-refusing-to-waive-ip-rights-on-vaccines.html>] TDI

LONDON — The U.S., Canada and U.K. are among some of the high-income countries actively **blocking a patent-waiver proposal** designed to **boost the global production of Covid-19 vaccines.** It comes as coronavirus cases worldwide surge to their highest level so far and the World Health Organization has repeatedly admonished a “**shocking imbalance” in the distribution of vaccines amid the pandemic.** Members of the World Trade Organization will meet virtually in Geneva, Switzerland on Thursday to hold informal talks on whether to temporarily waive intellectual property and patent rights on Covid vaccines and treatments. The landmark proposal, which was jointly submitted by India and South Africa in October, has been backed by more than 100 mostly developing countries. It aims to facilitate the manufacture of treatments locally and boost the global vaccination campaign. Six months on, the proposal continues to be **stonewalled by a small number of governments** — including the U.S., EU, U.K., Switzerland, Japan, Norway, Canada, Australia and Brazil. “In this Covid-19 pandemic, we are once again **faced with issues of scarcity**, which can be addressed through diversification of manufacturing and supply capacity and ensuring the **temporary waiver of relevant intellectual property**,” Dr. Maria Guevara, international medical secretary at Medecins Sans Frontieres, said in a statement on Wednesday. “It is about saving lives at the end, not protecting systems.” The **urgency and importance of waiving certain intellectual property rights amid the pandemic have been underscored** by the WHO, health experts, civil society groups, trade unions, former world leaders, international medical charities, Nobel laureates and human rights organizations. Why does it matter? The waiver, if adopted at the General Council, the WTO’s highest-level decision-making body, could **help countries around the world overcome legal barriers** preventing them from producing their own Covid vaccines and treatments. Advocates of the proposal have conceded the waiver is not a “silver bullet,” but argue that **removing barriers** toward the development, production and approval of vaccines is **vital in the fight to prevent, treat and contain the coronavirus.**

#### Plan Text in a Vacuum is a useless guideline since words are contextually defined based on function – the only basis for determining Topicality should be if the implementation of the Plan as per their 1AC solvency evidence follows the directional meaning of the Topic’s intent – anything else allows the 1AR to re-contextualize what the Plan says forcing the 1NC to predict infinite 1AR spin since they’re not tied to their evidence.

#### 3] Vote neg for limits and neg ground – re-instatement under any infinite number of conditions doubles aff ground – every plan becomes either temporary or permanent – you cherry-pick the best criteria and I must prep every aff while they avoid core topic discussions like reduction-based DAs which decks generics like Pharma Innovation and Bio-Tech.

#### 5] TVA solves – permanently reduce covid patents.

#### 6] Paradigm Issues –

#### a] Topicality is Drop the Debater – it’s a fundamental baseline for debate-ability.

#### b] Use Competing Interps – 1] Topicality is a yes/no question, you can’t be reasonably topical and 2] Reasonability invites arbitrary judge intervention and a race to the bottom of questionable argumentation.

#### c] No RVI’s - 1] Forces the 1NC to go all-in on Theory which kills substance education, 2] Encourages Baiting since the 1AC will purposely be abusive, and 3] Illogical – you shouldn’t win for not being abusive.

#### Reject 1AR theory- A] 7-6 time skew means it’s endlessly aff biased B] I don’t have a 3nr which allows for endless extrapolation C] 1AR theory is skewed to the aff because they have a 2ar judge psychology warrant.

## 3

#### CP: Member nations of the World Trade Organization should enter into a prior and binding consultation with the World Health Organization over reducing intellectual property protections for medicines. Member nations will support the proposal and adopt the results of consultation.

#### WHO says yes – it supports increasing the availability of generics and limiting TRIPS

Hoen 03 [(Ellen T., researcher at the University Medical Centre at the University of Groningen, The Netherlands who has been listed as one of the 50 most influential people in intellectual property by the journal Managing Intellectual Property, PhD from the University of Groningen) “TRIPS, Pharmaceutical Patents and Access to Essential Medicines: Seattle, Doha and Beyond,” Chicago Journal of International Law, 2003] JL

However, subsequent resolutions of the World Health Assembly have strengthened the WHO’s mandate in the trade arena. In 2001, the World Health Assembly adopted two resolutions in particular that had a bearing on the debate over TRIPS [30]. The resolutions addressed:

– the need to strengthen policies to increase the availability of generic drugs;

– and the need to evaluate the impact of TRIPS on access to drugs, local manufacturing capacity, and the development of new drugs

#### Consultation displays strong leadership, authority, and cohesion among member states which are key to WHO legitimacy

Gostin et al 15 [(Lawrence O., Linda D. & Timothy J. O’Neill Professor of Global Health Law at Georgetown University, Faculty Director of the O’Neill Institute for National & Global Health Law, Director of the World Health Organization Collaborating Center on Public Health Law & Human Rights, JD from Duke University) “The Normative Authority of the World Health Organization,” Georgetown University Law Center, 5/2/2015] JL

Members want the WHO to exert leadership, harmonize disparate activities, and set priorities. Yet they resist intrusions into their sovereignty, and want to exert control. In other words, ‘everyone desires coordination, but no one wants to be coordinated.’ States often ardently defend their geostrategic interests. As the Indonesian virus-sharing episode illustrates, the WHO is pulled between power blocs, with North America and Europe (the primary funders) on one side and emerging economies such as Brazil, China, and India on the other. An inherent tension exists between richer ‘net contributor’ states and poorer ‘net recipient’ states, with the former seeking smaller WHO budgets and the latter larger budgets.

Overall, national politics drive self-interest, with states resisting externally imposed obligations for funding and action. Some political leaders express antipathy to, even distrust of, UN institutions, viewing them as bureaucratic and inefficient. In this political environment, it is unsurprising that members fail to act as shareholders. Ebola placed into stark relief the failure of the international community to increase capacities as required by the IHR. Guinea, Liberia and Sierra Leone had some of the world's weakest health systems, with little capacity to either monitor or respond to the Ebola epidemic.20 This caused enormous suffering in West Africa and placed countries throughout the region e and the world e at risk. Member states should recognize that the health of their citizens depends on strengthening others' capacity. The WHO has a central role in creating systems to facilitate and encourage such cooperation.

The WHO cannot succeed unless members act as shareholders, foregoing a measure of sovereignty for the global common good. It is in all states' interests to have a strong global health leader, safeguarding health security, building health systems, and reducing health inequalities. But that will not happen unless members fund the Organization generously, grant it authority and flexibility, and hold it accountable.

#### WHO diplomacy solves great power conflict

Murphy 20 [(Chris, U.S. senator from Connecticut serving on the U.S. Senate Foreign Relations Committee) “The Answer is to Empower, Not Attack, the World Health Organization,” War on the Rocks, 4/21/2020] JL

The World Health Organization is critical to stopping disease outbreaks and strengthening public health systems in developing countries, where COVID-19 is starting to appear. Yemen announced its first infection earlier this month, and other countries in Africa, Asia and the Middle East are at severe risk. Millions of refugees rely on the World Health Organization for their health care, and millions of children rely on the WHO and UNICEF to access vaccines.

The World Health Organization is not perfect, but its team of doctors and public health experts have had major successes. Their most impressive claim to fame is the eradication of smallpox – no small feat. More recently, the World Health Organization has led an effort to rid the world of two of the three strains of polio, and they are close to completing the trifecta.

These investments are not just the right thing to do; they benefit the United States. Improving health outcomes abroad provides greater political and economic stability, increasing demand for U.S. exports. And, as we are all learning now, it is in America’s national security interest for countries to effectively detect and respond to potential pandemics before they reach our shores.

## 4

#### The aff’s portrayal of a world with reduced IP protections as an “information commons” where medical inequality is solved by deregulation perpetuates the neoliberal myth of a perfect market Kapczynski 14 [(Amy, a Professor of Law at Yale Law School, Faculty Co-Director of the Global Health Justice Partnership, and Faculty Co-Director of the Collaboration for Research Integrity and Transparency. She is also Faculty Co-Director of the Law and Political Economy Project and cofounder of the Law and Political Economy blog. Her areas of research include information policy, intellectual property law, international law, and global health.) “INTELLECTUAL PROPERTY’S LEVIATHAN” Duke Law, Law & Contemporary problems, 2014. <https://scholarship.law.duke.edu/cgi/viewcontent.cgi?article=4710&context=lcp>] BC

Over the last decade or so, a powerful set of critiques has emerged to contest the dominant account just sketched out as well as the contemporary state of IP law.12 These arguments have come from many directions, some even arising from scholars who previously were champions of the dominant account.13 The most prominent and potent line of theoretical critique in the legal literature has come in the guise of arguments for free culture and the “information commons” and has been most influentially articulated by Lawrence Lessig and Yochai Benkler.14 Both have stressed the problems with expansive exclusive rights regimes in information and have also sketched a set of actually existing alternatives to market-based exclusionary forms of information and cultural production.

Lessig has written a series of influential books that have made him a “rock star of the information age,”15 particularly for young Internet and free-culture activists. He has argued powerfully, for example, that existing copyright law is in deep conflict with the radical new possibilities for creativity in the digital age. As he points out, when a mother posting a video of her toddler dancing to a Prince song on YouTube is threatened with a $150,000 fine for copyright infringement, something has gone seriously awry.16 Lessig also contends that copyright law today is too long, too expansive, and instantiates a “permission culture” that is antithetical to free expression in the age of the remix.17 As he puts it, “the Internet has unleashed an extraordinary possibility for many to participate in the process of building and cultivating a culture that reaches far beyond local boundaries,” creating the possibility of markets that “include a much wider and more diverse range of creators,” if not stifled by incumbents who use IP law to “protect themselves against this competition.”18

Benkler’s work has also been extraordinarily formative in the field, particularly for his insights into the multiplicity of modes of information production. As he has stressed, the conventional justification for IP does not account for the many successful and longstanding modes of market nonexclusionary information production.19 For example, attorneys write articles to attract clients, software developers sell services customizing free and opensource software for individual clients, and bands give music away for free to increase revenues from touring or merchandise.20 More pathbreaking still is Benkler’s account of the importance of “commons-based peer production,” a form of socially motivated and cooperative production exemplified by the volunteer network that maintains Wikipedia or the groups of coders who create open-source software products such as the Linux operating system.21 In the digital networked age, as Benkler describes, the tools of information production are very broadly distributed, “creating new opportunities for how we make and exchange information, knowledge, and culture.”22 These changes have increased the relative role in our information economy of nonproprietary production and facilitate “new forms of production [that] are based neither in the state nor in the market.”23 Because commons-based peer production is not hierarchically organized and is motivated by social dynamics and concerns, it also offers new possibilities for human development, human freedom, a more critical approach to culture, and more democratic forms of political participation.24

This line of critique has been profoundly generative and has helped launch an important new conceptualization of the commons as a paradigm. That paradigm, as a recent book puts it, “helps us ‘get outside’ of the dominant discourse of the market economy and helps us represent different, more wholesome ways of being.”25 Proponents of the commons concept draw upon contemporary articulations of successful commons-based resource management by Elinor Ostrom and her followers.26 They do mobilize retellings of the political and economic history of the commons in land in Europe before enclosure,27 and recent evidence from psychology and behavioral economics that suggests that humans have deep tendencies toward cooperation and reciprocation.28 They argue that A key revelation of the commons way of thinking is that we humans are not in fact isolated, atomistic individuals. We are not amoebas with no human agency except hedonistic “utility preferences” expressed in the marketplace. No: We are commoners—creative, distinctive individuals inscribed within larger wholes. We may have unattractive human traits fueled by individual fears and ego, but we are also creatures entirely capable of self-organization and cooperation; with a concern for fairness and social justice; and willing to make sacrifices for the larger good and future generations.29

This stands, of course, as a powerful rebuke to the neoliberal imaginary, which “constructs and interpellates individuals as . . . rational, calculating creatures whose moral autonomy is measured by their capacity for ‘self-care’— the ability to provide for their own needs and service their own ambitions.”30

III

Given this radical—and, in my view, critically important—attempt to rethink the subject at the core of neoliberal accounts, it is all the more striking that proponents of the commons often appear to adopt a neoliberal image of the state. For example, the introduction to a recently edited volume that gathers writings on the commons from seventy-three authors in thirty countries (entitled, tellingly, The Wealth of the Commons: A World Beyond Market and State) has this to say:

The presumption that the state can and will intervene to represent the interests of citizens is no longer credible. Unable to govern for the long term, captured by commercial interests and hobbled by stodgy bureaucratic structures in an age of nimble electronic networks, the state is arguably incapable of meeting the needs of citizens as a whole.31

The commons, they suggest, is a concept that seeks not only to liberate us from predatory and dysfunctional markets, but also from predatory and dysfunctional states. Something immediately seems incongruous here. If people are inherently cooperative reciprocators, why are states irredeemably corrupt? After all, as Harold Demsetz famously wrote in his 1967 attack on Arrow’s optimism about state production of information, “[g]overnment is a group of people.”32

Lessig, one of the progenitors of the language of the commons in the informational domain, often leads with a similar view of the state:

[I]f the twentieth century taught us one lesson, it is the dominance of private over state ordering. Markets work better than Tammany Hall in deciding who should get what, when. Or as Nobel Prize-winning economist Ronald Coase put it, whatever problems there are with the market, the problems with government are more profound.33

Lessig reveals his own sense of the power of this conception of the state when he seeks to tar IP law with the same brush; we should rebel against current IP law, he suggests, because we should “limit the government’s role in choosing the future of creativity.”34

Benkler is more measured but admits as well to viewing the state as “a relatively suspect actor.”35 We should worry, he suggests, that direct governmental intervention “leads to centralization in the hands of government agencies and powerful political lobbies,”36 a view that echoes the neoliberal account described above.

It should perhaps not surprise us that leading critics of neoliberal information policy embrace a neoliberal conception of the state. After all, neoliberalism is not merely an ideology, but also a set of policy prescriptions that may have helped to call forth the state that it has described. As David Harvey puts it, “[t]he neoliberal fear that special-interest groups would pervert and subvert the state is nowhere better realized than in Washington, where armies of corporate lobbyists . . . effectively dictate legislation to match their special interests.”37

There are, it must be said, few areas of law that better exemplify this problem than IP law. For example, Jessica Litman has documented the astonishing process through which the 1976 Copyright Act was drafted, in which Congress delegated most of the drafting to interest groups that were forced to negotiate with one another.38 Other scholars have offered similarly startling accounts of the genesis of the most important IP treaty today, the TradeRelated Aspects of Intellectual Property Rights (TRIPS) Agreement. TRIPS came into force in 1996, revolutionizing international IP law by both imposing new standards and by rendering them enforceable through the WTO’s disputeresolution system, which authorizes trade retaliation to enforce its judgments. Most countries in the world are members of TRIPS, and the Agreement introduced, for developing countries in particular, substantial new obligations, such as the obligation to grant patents on medicines and food-related inventions. Several excellent histories of the treaty have been written, documenting its beginnings as a brash idea proposed by “twelve chief executive officers (representing pharmaceutical, entertainment, and software industries).”39 As Susan Sell has described, the TRIPS Agreement was a triumph of industry organizing. Through TRIPS, Industry revealed its power to identify and define a trade problem, devise a solution, and reduce it to a concrete proposal that could be sold to governments.

#### The aff’s rhetoric of helping developing economies is the Trojan Horse for neoliberal privatization which destroys healthcare and is a vehicle for imperialism.

Gatwiri et al 19 [(Kathomi Gatwiri, lecturer based at Southern Cross University where she teaches Social Work & Social Policy; Julians Amboko, finance and economics correspondent with the Nation Media Group; and Darius Okolla, Bachelor of Commerce - Finance degree, from Kenyatta University) “The implications of Neoliberalism on African economies, health outcomes and wellbeing: a conceptual argument” Soc Theory Health. 18(1): 86–101. 6-26-19, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7223727/>] TDI

Since the late 1980s, the sub-Sahara has been struggling to address the issues of inequality that have been inflated by neoliberal policies and capitalist development policies that focus on production of labour and little on the health and wellbeing of the “producers” of the said labour. Globally, the rolling out of neoliberal policies has led to a plethora of harmful socioeconomic consequences, including increased poverty, unemployment, and deterioration of income distribution (Rotarou and Sakellariou 2017; Collins et al. 2015). Hartmann (2016, p. 2145) states that “neoliberalism typically refers to minimal government intervention, laissez-faire market policies, and individualism over collectivism [which] has been adopted by—and pressed upon—the majority of national governments and global development institution.” She further states that “neoliberal policies have contributed to the privatization and individualization of healthcare, resulting in growing health inequalities.” By privatising healthcare, education, electricity, water and housing, neoliberals argue that private institutions are more capable, effective and efficient in providing social services. Harvey (2007) states that neoliberalism is “a theory of political economic practices that proposes that human well-being can best be advanced by liberating individual entrepreneurial freedoms and skills within an institutional framework characterized by strong private property rights, free markets, … free trade” and a “hands-off” approach from the government. This is what Friedman referred to as the system of “free market capitalism” (Friedman 2009). However, (Garnham (2017) argues that decreasing public spending and government involvement in the welfare of people through the rhetoric of choice and freedom has a harmful impact on people’s health and wellbeing.

The biggest conceptual challenge is that neoliberal ideology adopts the language of freedom and choice, increased foreign investments, and open markets and trade to progress policies that lead to privatisation of basic needs such as education, healthcare, water, electricity and housing. The rich can often afford these services and can compete “fairly” in the “free market”, but the poor—unable to afford health care, education or decent housing—are left marginalised. Njoya (2017) explored the use of language in promoting inequality in the healthcare system. She argued that “neoliberalism uses the language of social policy and justice but [insidiously] drives a very corporate and unequal agenda.”

Neoliberalism has radically shifted the African public health space in the last two decades. Most sub-Saharan African countries drastically reduced their healthcare budgets following the International Monetary Fund (IMF) and the World Bank Structural Adjustment programs (SAPs) directives. As Hartmann (2016, p. 2146) wrote, it “decentralized health care decision-making and funding, resulting in wide-scale privatization of health care services, delivery, and insurance, which led to structural segmentation and fragmentation.” SAPs have had myriad negative impacts on African economies, including, but not limited to, “inflationary pressures, the marginalization of the poor in the distribution of educational and health benefits and a reduction in employment” (Rono 2002, p. 84). As the main impetus of the SAPs was to reduce and ration expenditure, structural adjustment in the healthcare sector slashed public spending on primary healthcare, and aided the privatisation of health systems and services. In Kenya, for example, The Bamako Initiative of 1987 anchored cost-sharing as a central tenet of public health policy, in which patients were required to pay for nearly all costs of diagnosis and treatment (Rono 2002). Outside of an emergency, patients were required to provide proof of payment before medical services are availed. By channelling funding to narrow medical interests, structural adjustment policies resulted in an uneven medical landscape, with a few prestigious fields surrounded by poorly resourced departments. Clinicians had to tailor their decisions about treatment to the limited medicine, technologies and resources available.

The increased number of private healthcare organisations, coupled with a significant reduction in the role of government in the provision of healthcare services, contributed to extensive negative outcomes on the quality, effectiveness, cost and access of health systems and services, which severely impacted on people’s wellbeing. Rotarou and Sakellariou (2017, p. 497) state that the private institutions, “with their focus on increasing profits, and not on providing affordable and good-quality healthcare, have led to the deterioration of public health systems, increase in urban–rural divide, as well as increase in inequality of access to healthcare services.” Privatisation of healthcare has made services more unaffordable and less available to the population of people that need it the most. As a result, life expectancy has stagnated or fallen in most African countries, and mortality from preventable infections and diseases continues to rise. Further to this, the politics of healthcare through a neoliberal lens are often framed as “individual” issues rather than “structural and ideological” issues. This implies that the neoliberal approach to health has diminished the idea of healthcare as a universal human right.

Reframing, reshaping, rethinking and re-politicising healthcare reveals the colonial attitudes that dictate who “deserves” good healthcare. Njoya (2017) states,

[Politicians in Kenya] come to the rescue of the poor by paying hospital bills but will not have a conversation about the fact that we the taxpayers are paying millions [worth of] medical cover for each of them and will not engage in a conversation about the underfunding of healthcare, and the looting of the little money given to healthcare. When [the] Netherlands and the UN are helping foreign companies purchase Kenyan hospitals, [they are] supporting our government’s deafness to [our right to basic healthcare] and [promoting their] refusal to fund public hospitals.

The privatisation and buying out of African hospitals by foreign companies in an attempt to “help and rescue them” is a capitalist response that undercuts universal healthcare for Africans by appropriating the language of care and inclusion. In reality, this “white saviour approach” is layered with nothing but racism, disempowerment, exploitation of people, and exclusion of those who cannot afford those “privatised” services. Access to health services, therefore, remains both a political as well as a human rights issue that’s closely tied to social justice (Braveman and Gruskin 2003b); but Africa’s colonial history, fuelled by Western greed for her resources, promotes discriminatory policies that continue to impact Africans and their wellbeing.

#### Capitalism is an a priori impact under any framework -- it’s the greatest existential threat and the biggest affront to human rights and causes value to life deprivation.

Ahmed 20 (Nafeez Ahmed -- Visiting Research Fellow at the Global Sustainability Institute at Anglia Ruskin University's Faculty of Science & Technology + M.A. in contemporary war & peace studies + DPhil (April 2009) in international relations from the School of Global Studies @ Sussex University, “Capitalism is Destroying ‘Safe Operating Space’ for Humanity, Warn Scientists”, https://www.resilience.org/stories/2020-06-24/capitalism-is-destroying-safe-operating-space-for-humanity-warn-scientists/, 24 June 2020, EmmieeM)

The COVID19 pandemic has exposed a strange anomaly in the global economy. If it doesn’t keep growing endlessly, it just breaks. Grow, or die.

But there’s a deeper problem. New scientific research confirms that capitalism’s structural obsession with endless growth is destroying the very conditions for human survival on planet Earth.

A landmark study in the journal Nature Communications, “Scientists’ warning on affluence” — by scientists in Australia, Switzerland and the UK — concludes that the most fundamental driver of environmental destruction is the overconsumption of the super-rich.

This factor lies over and above other factors like fossil fuel consumption, industrial agriculture and deforestation: because it is overconsumption by the super-rich which is the chief driver of these other factors breaching key planetary boundaries.

The paper notes that the richest 10 percent of people are responsible for up to 43 percent of destructive global environmental impacts.

In contrast, the poorest 10 percent in the world are responsible just around 5 percent of these environmental impacts:

The new paper is authored by Thomas Wiedmann of UNSW Sydney’s School of Civil and Environmental Engineering, Manfred Lenzen of the University of Sydney’s School of Physics, Lorenz T. Keysser of ETH Zürich’s Department of Environmental Systems Science, and Julia K. Steinberger of Leeds University’s School of Earth and Environment.

It confirms that global structural inequalities in the distribution of wealth are intimately related to an escalating environmental crisis threatening the very existence of human societies.

Synthesising knowledge from across the scientific community, the paper identifies capitalism as the main cause behind “alarming trends of environmental degradation” which now pose “existential threats to natural systems, economies and societies.” The paper concludes:

“It is clear that prevailing capitalist, growth-driven economic systems have not only increased affluence since World War II, but have led to enormous increases in inequality, financial instability, resource consumption and environmental pressures on vital earth support systems.”

Capitalism and the pandemic

Thanks to the way capitalism works, the paper shows, the super-rich are incentivised to keep getting richer — at the expense of the health of our societies and the planet overall.

The research provides an important scientific context for how we can understand many earlier scientific studies revealing that industrial expansion has hugely increased the risks of new disease outbreaks.

Just last April, a paper in Landscape Ecology found that deforestation driven by increased demand for consumption of agricultural commodities or beef have increased the probability of ‘zoonotic’ diseases (exotic diseases circulating amongst animals) jumping to humans. This is because industrial expansion, driven by capitalist pressures, has intensified the encroachment of human activities on wildlife and natural ecosystems.

Two years ago, another study in Frontiers of Microbiology concluded presciently that accelerating deforestation due to “demographic growth” and the associated expansion of “farming, logging, and hunting”, is dangerously transforming rural environments. More bat species carrying exotic viruses have ended up next to human dwellings, the study said. This is increasing “the risk of transmission of viruses through direct contact, domestic animal infection, or contamination by urine or faeces.”

It is difficult to avoid the conclusion that the COVID19 pandemic thus emerged directly from these rapidly growing impacts of human activities. As the new paper in Nature Communications confirms, these impacts have accelerated in the context of the fundamental operations of industrial capitalism.

Eroding the ‘safe operating space’

The result is that capitalism is causing human societies to increasingly breach key planetary boundaries, such as land-use change, biosphere integrity and climate change.

Remaining within these boundaries is essential to maintain what scientists describe as a “safe operating space” for human civilization. If those key ecosystems are disrupted, that “safe operating space” will begin to erode. The global impacts of the COVID19 pandemic are yet another clear indication that this process of erosion has already begun.

“The evidence is clear,” write Weidmann and his co-authors.

“Long-term and concurrent human and planetary wellbeing will not be achieved in the Anthropocene if affluent overconsumption continues, spurred by economic systems that exploit nature and humans. We find that, to a large extent, the affluent lifestyles of the world’s rich determine and drive global environmental and social impact. Moreover, international trade mechanisms allow the rich world to displace its impact to the global poor.”

#### The alternative is a global socialist movement that ends globalization

Galant 19 [(Michael, a coordinator of the Wire Pillar of the Progressive International, former economics and trade fellow at Young Professionals in Foreign Policy, MPP from Harvard University’s Kennedy School and BA in political economy from Brown University) “The Battle of Seattle: 20 years later, it's time for a revival” Open Democracy, 11/30/2019. <https://www.opendemocracy.net/en/oureconomy/battle-seattle-20-years-later-its-time-revival/>] BC

20 years ago today, the streets of Seattle became front lines in the global class war.

Over the course of five days, some 40,000 individuals, representing unions, environmental groups, and Leftist organizations from around the world came together in an attempt to disrupt the Ministerial Conference of the World Trade Organization (WTO).

Using direct action tactics, activists physically delayed access to the meeting and led marches, rallies, and teach-ins that drew massive crowds. Protesters of all stripes were attacked by a violent police force – attracting international media coverage. The demonstrations outside became a wedge that would help drive the negotiations inside to collapse. The Battle of Seattle was won.

But the war continued. Seattle was about more than any single organization. The WTO was a symbol of the larger project of neoliberal globalization that was, in 1999, well on its way to reshaping the world in the interest of capital. The Battle of Seattle would become an equally potent symbol of resistance. The WTO protests marked the moment that the Alter-Globalization Movement (AGM), also known as the Global Justice, or disparagingly, the Anti-Globalization Movement, was launched into the public consciousness.

Much has changed in the two decades since. The AGM won many meaningful victories and experienced many more profound losses. Eventually, the movement faded. Today’s global economy resembles the neoliberal nightmare the Seattle protesters were fighting against more than the world they were fighting for. But recent years have revealed cracks in the surface. With an opportunity to finish what was started, it’s time to revive the spirit of Seattle.

Globalization and its dissent

Neoliberal globalization is a political project intended to raise the power of capital to the international level – to cement its supremacy as an immutable universal law beyond the reach of political communities. “Free trade” agreements and WTO rules establish the primacy of profit over democracy, labor, environmental, and consumer protections. World Bank and IMF loan conditions impose austerity, privatization, and deregulation on nations of the Global South. An international system of tax havens allows corporations and wealthy individuals to hoard their plundered resources. Global supply chain fragmentation shields multinationals from accountability for their abuses. Investment treaties unleash finance and corporations to cross borders in search of opportunities for exploitation, setting off a regulatory race to the bottom. If there was doubt before that capitalism must be confronted at the global level to be defeated, the power grab that is neoliberal globalization puts those doubts to rest. Capital is global. Labor must be too.

Yet there are forces preventing such global solidarity. Beginning during the Cold War, the majority of Northern labor accepted a compromise: support a foreign policy that enacts the interests of capital, and benefit from a share of the spoils in the form of minor concessions, a tempered welfare state, and cheap consumer goods. This tacit agreement survived largely intact into the neoliberal era – dividing the interests of a global working class and quelling demands for systemic global change.

The Alter-Globalization Movement rejected the compromise. While activists in the Global South had long resisted destructive free trade agreements and World Bank austerity, occasionally with solidarity from the North, the extremity of turn-of-the-century neoliberalism led to the explosion of a movement that refused to accept the mere crumbs of neocolonial extraction, and sought instead to build an alternative global economy for the many, both North and South.

This was a movement that brought together American anarchists with Korean peasants; libertarian socialist indigenous groups in Mexico with US anti-sweatshop activists; the International Confederation of Free Trade Unions with the Industrial Workers of the World; the Brazilian Movement for Landless Workers with Greenpeace; Filipino anti-capitalist scholars with French farmer activists best known for physically dismantling a McDonald’s. Their demands were many and varied – from land redistribution to the abolition of the World Bank, from a renegotiated NAFTA to the protection of indigenous knowledge of seeds from privatization – but all shared a vision of a global solidarity that would overcome the forces of neoliberal globalization.

Organizing under such a big tent, the AGM is better understood as a dispersed, informal network – a “movement of movements” – than a unified political structure. This fluid network manifested in many forms. The flagship World Social Forum regularly convened activists in an alternative to the annual World Economic Forum. Transnational advocacy networks campaigned on issues such as Global South debt relief. Northern activists used their positions of relative privilege to support local campaigns in the South, fighting water privatization in Bolivia and indigenous displacement from hydroelectric dams in India. And, as in Seattle, meetings of international organizations became rallying points for major global demonstrations.

With these organizing methods, the movement achieved substantial victories. The Jubilee 2000 campaign led to significant debt relief for Southern nations. Potentially disastrous trade agreements from the FTAA to TPP have been, at least temporarily, defeated. International Financial Institutions like the IMF and World Bank – while still agents of global capital – have vastly improved their lending practices since the 90’s. But its greatest successes were intangible: the AGM undermined the hegemonic ambitions embodied in Thatcher’s “There Is No Alternative”, slowed neoliberal globalization’s seemingly inexorable onslaught, and kept alive the flame of resistance during an otherwise nadir of Leftist politics.

The AGM should not, however, be romanticized. Emerging in a moment when the failures of 20th century socialist politics weighed heavily on the Left’s imagination, the AGM turned too far in the opposing direction. Big-tentism led to a dilution of demands and paved the way for the NGO-ization of the World Social Fora. A preference for all things decentralized made grabbing headlines easy, but building lasting political structures difficult. Resistance was often treated as an intrinsically valuable ends, rather than a means to taking power. And criticisms of “neoliberalism” typically fell short of identifying the true enemy – capitalism – or advancing a coherent alternative – socialism.

Ultimately, the neoliberal plan for the global economy succeeded more than not. While resistance to neoliberal globalization would rage on in the South, Northern solidarity faded. The September 11th attacks were the beginning of the end. Energy shifted to the anti-war movement, the state expanded its repression of Leftist organizing, and increased pressures toward “patriotism” led some to reconsider the old foreign policy compromise. By the mid-2000’s, little was left of what the AGM once was.

A call for revival

It’s time to rekindle the flame.

The global economy is still structured in the interest of capital. But the neoliberal consensus has begun to waver under the weight of its own contradictions.

The Right has a response to the crisis. Reactionary nationalists like Trump and Johnson seize upon existing systems of oppression to scapegoat the symptoms of a failed economic model. The problem is not that the global working class has lost out to a global capital class. The problem is that “we” – White, Christian, cishet, native-born Americans – have lost out to “them” – People of Color, immigrants, entire foreign countries, feminists, LGBTQ+ folks, and all those who threaten our supremacy in their struggles for liberation.

The Left must offer an alternative vision. The dramatic growth of socialist organizing and rise in popularity of social democratic politicians should offer great hope. But as the AGM understood, social democracy for the North is not enough. Our socialism must not mean merely a greater share of neocolonial extraction for Northern workers. Our socialism must rightly identify the global nature of our challenge, and unite across borders to confront a globalized capital.

That means internationalizing labor organizing to confront multinational corporations. Changing the rules of trade and investment. Ending tax havens. Building alternatives to the existing intellectual property regime. Holding corporations accountable for abuses in their supply chains. Supporting the struggles of peasants, indigenous peoples, and all global subaltern groups. Democratizing global governance. Opening borders to those displaced by the ravages of global capitalism. Advancing alternative models of development. Transforming, if not abolishing and replacing, the Bretton Woods Institutions. And confronting the all-important threat of climate collapse with, to begin with, a global Green New Deal. These are not minor addendums to a socialist platform. Class war is global. Internationalist demands are fundamental.

Organizations that remain from the AGM, international labor, and newcomers like Justice Is Global, the Fight Inequality Alliance, and Bernie Sanders and Yanis Varoufakis’s Progressive International, are already struggling for this vision. But its fruition depends on the backing of a far broader movement.

Like the AGM, we must take a global frame of analysis, and see neoliberal globalization as a concerted effort to undermine our power. Unlike the AGM, we must understand that neoliberalism is merely one manifestation of a greater enemy.

Like the AGM, we must build diverse, anti-racist, anti-sexist, anti-xenophobic movements that transcend borders. Unlike the AGM, we must not allow fears of centralization to undermine a coherent platform.

Like the AGM, we must reject a class compromise that sacrifices the possibility of a better world for the crumbs of colonialism. Unlike the AGM, we must build lasting political structures that back our rejection with political power.

20 years ago, the streets of Seattle echoed with a chant that would become the defining motto of the movement: “another world is possible!” It still is – if we’re willing to fight for it.

## Case

#### Diplomacy—

#### Defense -

#### A. Empirics go neg – most qualified studies disprove hegemonic stability theories.

Fettweis 17 –Christopher J. Fettweis is an American political scientist and the Associate Professor of Political Science at Tulane University. “Unipolarity, Hegemony, and the New Peace, Security Studies” 26:3, 423-451; EG)

Even the most ardent supporters of the hegemonic-stability explanation do not contend that US influence extends equally to all corners of the globe. The United States has concentrated its policing in what George Kennan used to call “strong points,” or the most important parts of the world: Western Europe, the Pacific Rim, and Persian Gulf.64 By doing so, Washington may well have contributed more to great power peace than the overall global decline in warfare. If the former phenomenon contributed to the latter, by essentially providing a behavioral model for weaker states to emulate, then perhaps this lends some support to the hegemonic-stability case.65 During the Cold War, the United States played referee to a few intra-West squabbles, especially between Greece and Turkey, and provided Hobbesian reassurance to Germany’s nervous neighbors. Other, equally plausible explanations exist for stability in the first world, including the presence of a common enemy, democracy, economic interdependence, general war aversion, etc. The looming presence of the leviathan is certainly among these plausible explanations, but only inside the US sphere of influence. Bipolarity was bad for the nonaligned world, where Soviet and Western intervention routinely exacerbated local conflicts. Unipolarity has generally been much better, **but whether or not this was due to US action is again unclear.** Overall US interest in the affairs of the Global South has dropped markedly since the end of the Cold War, as has the level of violence in almost all regions. There is less US intervention in the political and military affairs of Latin America compared to any time in the twentieth century, for instance, and also less conflict. Warfare in Africa is at an all-time low, as is relative US interest outside of counterterrorism and security assistance.66 **Regional peace and stability exist where there is US active intervention, as well as where there is not**. No direct relationship seems to exist across regions. If intervention can be considered a function of direct and indirect activity, of both political and military action, a regional picture might look like what is outlined in Table 1. These assessments of conflict are by necessity relative, because there has not been a “high” level of conflict in any region outside the Middle East during the period of the New Peace. Putting aside for the moment that important caveat, some points become clear. The great powers of the world are clustered in the upper right quadrant, where US intervention has been high, but conflict levels low. **US intervention is imperfectly correlated with stability, however. Indeed, it is conceivable that the relatively high level of US interest and activity has made the security situation in the Persian Gulf and broader Middle East worse**

**.** In recent years, substantial hard power investments (Somalia, Afghanistan, Iraq), moderate intervention (Libya), and reliance on diplomacy (Syria) have been equally ineffective in stabilizing states torn by conflict. While it is possible that the region is essentially unpacifiable and no amount of police work would bring peace to its people, it remains hard to make the case that the US presence has improved matters. **In this “strong point,” at least, US hegemony has failed to bring peace.** In much of the rest of the world, the United States has not been especially eager to enforce any particular rules. Even rather incontrovertible evidence of genocide has not been enough to inspire action. Washington’s intervention choices have at best been erratic; Libya and Kosovo brought about action, but much more blood flowed uninterrupted in Rwanda, Darfur, Congo, Sri Lanka, and Syria. The US record of peacemaking is not exactly a long uninterrupted string of successes. During the turn-of-the-century conventional war between Ethiopia and Eritrea, a highlevel US delegation containing former and future National Security Advisors (Anthony Lake and Susan Rice) made a half-dozen trips to the region, but was unable to prevent either the outbreak or recurrence of the conflict. Lake and his team shuttled back and forth between the capitals with some frequency, and President Clinton made repeated phone calls to the leaders of the respective countries, offering to hold peace talks in the United States, all to no avail.67 The war ended Table 1. Post-Cold War US intervention and violence by region. High Violence Low Violence High US Intervention Middle East Europe South and Central Asia Pacific Rim North America Low US Intervention Africa South America Former Soviet Union in late 2000 when Ethiopia essentially won, and it controls the disputed territory to this day. The Horn of Africa is hardly the only region where states are free to fight one another today without fear of serious US involvement. Since they are choosing not to do so with increasing frequency, something else is probably affecting their calculations. Stability exists even in those places where the potential for intervention by the sheriff is minimal. Hegemonic stability can only take credit for influencing those decisions that would have ended in war without the presence, whether physical or psychological, of the United States. It seems hard to make the case that the relative peace that has descended on so many regions is primarily due to the kind of heavy hand of the neoconservative leviathan, or its lighter, more liberal cousin. Something else appears to be at work.

#### Counterbalancing -

#### A. Pursuit of hegemony leads to Sino-Russia alliance and is unsustainable.

Porter, DPhil, 19

(Patrick, ModernHistory@Oxford, ProfInternationalSecurityAndStrategy@Birmingham, Advice for a Dark Age: Managing Great Power Competition, The Washington Quarterly, 42:1, 7-25)

Even the United States cannot prudently take on every adversary on multiple fronts. The costs of military campaigns against these adversaries in their backyards, whether in the Baltic States or Taiwan, would outstrip the losses that the U.S. military has sustained in decades. Short of all-out conflict, to mobilize for dominance and risk escalation on multiple such fronts would court several dangers. It would overstretch the country. The U.S. defense budget now approaches $800 billion annually, not including deficit-financed military operations. This is a time of ballooning deficits, where the Congressional Budget Office warns that “the prospect of large and growing debt poses substantial risks for the nation.”27 If in such conditions, current expenditure is not enough to buy unchallengeable military preponderance—and it may not be—then the failure lies not in the failure to spend even more. Neither is the answer to sacrifice the quality of civic life at home to service the cause of preponderance abroad. The old “two war standard,” a planning construct whereby the United States configures its forces to conduct two regional conflicts at once, would be unsustainably demanding against more than one peer competitor, or potentially with a roster of major and minor adversaries all at once.28 After all, the purpose of American military power is ultimately to secure a way of life as a constitutional republic. To impose ever-greater debts on civil society and strip back collective provision at home, on the basis that the quality of life is expendable for the cause of hegemony, is perversely to set up power-projection abroad as the end, when it should be the means. The problem lies, rather, in the inflexible pursuit of hegemony itself, and the failure to balance commitments with scarce resources. To attempt to suppress every adversary simultaneously would drive adversaries together, creating hostile coalitions. It also may not succeed. Counterproliferation in North Korea is difficult enough, for instance, but the task becomes more difficult still if U.S. enmity with China drives Beijing to refuse cooperation over enforcing sanctions on Pyongyang. Concurrent competitions would also split American resources, attention and time. Exacerbating the strain on scarce resources between defense, consumption and investment raises the polarizing question of whether preponderance is even worth it, which then undermines the domestic consensus needed to support it. At the same time, reduced investment in infrastructure and education would damage the economic foundations for conducting competition abroad in the first place. Taken together, indiscriminate competition risks creating the thing most feared in traditional U.S. grand strategy: a hostile Eurasian alliance leading to continuous U.S. mobilization against hostile coalitions, turning the U.S. republic into an illiberal garrison state. If the prospect for the United States as a great power faces a problem, it is not the size of the defense budget, or the material weight of resources at the U.S. disposal, or popular reluctance to exercise leadership. Rather, the problem lies in the scope of the policy that those capabilities are designed to serve. To make the problem smaller, Washington should take steps to make the pool of adversaries smaller.

#### B. A strong Sino-Russian alliance combined with expanded US military presence ensures joint retaliation — that escalates to the use of nuclear force

Klare 18 – Professor of peace and world security studies at Hampshire College. (Michael T., “The Pentagon Is Planning a Three-Front ‘Long War’ Against China and Russia,” April 4, 2018, https://fpif.org/the-pentagon-is-planning-a-three-front-long-war-against-china-and-russia/)//sy

In relatively swift fashion, American military leaders have followed up their claim that the U.S. is in a new long war by sketching the outlines of a containment line that would stretch from the Korean Peninsula around Asia across the Middle East into parts of the former Soviet Union in Eastern Europe and finally to the Scandinavian countries. Under their plan, American military forces — reinforced by the armies of trusted allies — should garrison every segment of this line, a grandiose scheme to block hypothetical advances of Chinese and Russian influence that, in its global reach, should stagger the imagination. Much of future history could be shaped by such an outsized effort. Questions for the future include whether this is either a sound strategic policy or truly sustainable. Attempting to contain China and Russia in such a manner will undoubtedly provoke countermoves, some undoubtedly difficult to resist, including cyber attacks and various kinds of economic warfare. And if you imagined that a war on terror across huge swaths of the planet represented a significant global overreach for a single power, just wait. Maintaining large and heavily-equipped forces on three extended fronts will also prove exceedingly costly and will certainly conflict with domestic spending priorities and possibly provoke a divisive debate over the reinstatement of the draft. However, the real question — unasked in Washington at the moment — is: Why pursue such a policy in the first place? Are there not other ways to manage the rise of China and Russia’s provocative behavior? What appears particularly worrisome about this three-front strategy is its immense capacity for confrontation, miscalculation, escalation, and finally actual war rather than simply grandiose war planning. At multiple points along this globe-spanning line — the Baltic Sea, the Black Sea, Syria, the South China Sea, and the East China Sea, to name just a few — forces from the U.S. and China or Russia are already in significant contact, often jostling for position in a potentially hostile manner. At any moment, one of these encounters could provoke a firefight leading to unintended escalation and, in the end, possibly all-out combat. From there, almost anything could happen, even the use of nuclear weapons. Clearly, officials in Washington should be thinking hard before committing Americans to a strategy that will make this increasingly likely and could turn what is still long-war planning into an actual long war with deadly consequences.

#### Chinese leadership--

#### China’s rise will enforce liberal trade values, not revise the order- views on national sovereignty will decrease interventionism and nuclear deterrence solves US-China war.

Xuetong, PhD, ‘19

(Yan, PoliSci@Berkeley, ProfIR@TsinghuaUniversity, <https://www.foreignaffairs.com/articles/china/2018-12-11/age-uneasy-peace>, January/February) BW

Indeed, much as Chinese leaders hope to be on par with their counterparts in Washington, they worry about the strategic implications of a bipolar U.S.-Chinese order. American leaders balk at the idea of relinquishing their position at the top of the global food chain and will likely go to great lengths to avoid having to accommodate China. Officials in Beijing, in no hurry to become the sole object of Washington’s apprehension and scorn, would much rather see a multipolar world in which other challenges—and challengers—force the United States to cooperate with China. In fact, the United States’ own rise in the nineteenth and early twentieth centuries provides something of a model for how the coming power transition may take place. Because the United Kingdom, the world’s undisputed hegemon at the time, was preoccupied with fending off a challenger in its vicinity—Germany—it did not bother much to contain the rise of a much bigger rival across the pond. China is hoping for a similar dynamic now, and recent history suggests it could indeed play out. In the early months of George W. Bush’s presidency, for instance, relations between Beijing and Washington were souring over regional disputes in the South China Sea, reaching a boiling point when a Chinese air force pilot died in a midair collision with a U.S. surveillance plane in April 2001. Following the 9/11 attacks a few months later, however, Washington came to see China as a useful strategic partner in its global fight against terrorism, and relations improved significantly over the rest of Bush’s two terms. Today, unfortunately, the list of common threats that could force the two countries to cooperate is short. After 17 years of counterterrorism campaigns, the sense of urgency that once surrounded the issue has faded. Climate change is just as unlikely to make the list of top threats anytime soon. The most plausible scenario is that a new global economic crisis in the coming years will push U.S. and Chinese leaders to shelve their disagreements for a moment to avoid economic calamity—but this, too, remains a hypothetical. To make matters worse, some points of potential conflict are here to stay—chief among them Taiwan. Relations between Beijing and Taipei, already tense, have taken a turn for the worse in recent years. Taiwan’s current government, elected in 2016, has questioned the notion that mainland China and Taiwan form a single country, also known as the “one China” principle. A future government in Taipei might well push for de jure independence. Yet a Taiwanese independence referendum likely constitutes a redline for Beijing and may prompt it to take military action. If the United States were to respond by coming to Taiwan’s aid, a military intervention by Beijing could easily spiral into a full-fledged U.S.-Chinese war. To avoid such a crisis, Beijing is determined to nip any Taiwanese independence aspirations in the bud by political and economic means. As a result, it is likely to continue lobbying third countries to cut off their diplomatic ties with Taipei, an approach it has already taken with several Latin American countries. Cautious or not, China set somewhat different emphases in its approach to norms that undergird the international order. In particular, a more powerful China will push for a stronger emphasis on national sovereignty in international law. In recent years, some have interpreted public statements by Chinese leaders in support of globalization as a sign that Beijing seeks to fashion itself as the global liberal order’s new custodian, yet such sweeping interpretations are wishful thinking: China is merely signaling its support for a liberal economic order, not for ever-increasing political integration. Beijing remains fearful of outside interference, particularly relating to Hong Kong, Taiwan, Tibet, and Xinjiang, as well as on matters of press freedom and online regulations. As a result, it views national sovereignty, rather than international responsibilities and norms, as the fundamental principle on which the international order should rest. Even as a new superpower in the coming decade, China will therefore pursue a less interventionist foreign policy than the United States did at the apex of its power. Consider the case of Afghanistan: even though it is an open secret that the United States expects the Chinese military to shoulder some of the burden of maintaining stability there after U.S. troops leave the country, the Chinese government has shown no interest in this idea. Increased Chinese clout may also bring attempts to promote a vision of world order that draws on ancient Chinese philosophical traditions and theories of statecraft. One term in particular has been making the rounds in Beijing: wangdao, or “humane authority.” The word represents a view of China as an enlightened, benevolent hegemon whose power and legitimacy derive from its ability to fulfill other countries’ security and economic needs—in exchange for their acquiescence to Chinese leadership. BIPOLARITY IN PRACTICE Given the long shadow of nuclear escalation, the risk of a direct war between China and the United States will remain minimal, even as military, technological, and economic competition between them intensifies. Efforts on both sides to build ever more effective antimissile shields are unlikely to change this, since neither China nor the United States can improve its antimissile systems to the point of making the country completely impervious to a nuclear counterattack. If anything, the United States’ withdrawal from the Intermediate-Range Nuclear Forces Treaty will encourage both sides to build up their nuclear forces and improve their second-strike capabilities, ensuring that neither side will be confident it can launch a nuclear attack on the other without suffering a devastating retaliation. The threat of nuclear war will also keep Chinese tensions with other nuclear-armed powers, such as India, from escalating into outright war.

#### Access --

**Restricting IP protections undermines innovation and profit margins – turns case by precluding vaccine distribution to developing countries.**

**Cueni 12/10** [(Thomas, Director General of IFPMA, chair of the AMR Industry Alliance, Industry Co-Chair APEC Biopharmaceutical Working Group on Ethics, MA in politics from the London School of Economics) “The Risk in Suspending Vaccine Patent Rules,” New York Times, 12/10/2020] TDI

It is unclear how suspending patent protections would ensure fair distribution. But what is clear is that if successful, the effort would **jeopardize future medical innovation**, making us more vulnerable to other diseases.

Intellectual property rights, including patents, grant inventors a period of exclusivity to make and market their creations. By affording these rights to those who create intangible assets, such as musical compositions, software or drug formulas — people will invent more useful new things.

Development of a new medicine is **risky** and **costly**. Consider that scientists have spent decades — and billions of dollars — working on Alzheimer’s treatments, but still have little to show for it. The companies and investors who fund research shoulder so much risk because they have a shot at a reward. Once a patent expires, generic companies are free to produce the same product. Intellectual property rights underpin the system that gives us all new medicines, from psychiatric drugs to cancer treatments.

In trying to defend these rights, the drug industry has made mistakes in the past that have lost people’s trust. More than 22 years ago, for example, a group of drug companies sued the South African government for trying to import cheaper anti-AIDS drugs amid an epidemic. With price standing between patients and survival, the suit, which the companies eventually dropped, was a terrible misjudgment. The current situation is not parallel.

**Several major drug companies**, including AstraZeneca, GlaxoSmithKline and Johnson & Johnson, have pledged to **offer their vaccines on a not-for-profit basis** during the pandemic. Others are considering differential pricing for different countries. As of last month, four major pharmaceutical companies had already agreed to eventually produce at least three billion vaccine doses for low- and middle-income nations, according to one analysis.

In South Africa and India, pharmaceutical companies are already working with local partners to make their vaccines available. Johnson & Johnson has entered into a technology transfer partnership for its candidate vaccine with South Africa’s Aspen Pharmacare, and AstraZeneca has reached a licensing agreement with the Serum Institute of India to develop up to 1 billion doses of its vaccine for low and middle-income countries.

**Companies can afford to license patents for free, or sell drugs at cost, precisely because they know that their intellectual property will be protected**. That’s not a flaw in the system; it’s how the system ensures that pharmaceutical research will continue to be funded.

**IP protections are key to pharmaceutical investment in developing countries.**

**Ezell and Cory 19** [(Stephen, vice president, global innovation policy, at the Information Technology and Innovation Foundation, B.S. from the School of Foreign Service at Georgetown University, and Nigel, associate director covering trade policy at the Information Technology and Innovation Foundation, former researcher in the Southeast Asia Program at the Center for Strategic and International Studies, MA in public policy from Georgetown University) “The Way Forward for Intellectual Property Internationally,” Information Technology and Innovation Foundation, 4/25/2019] TDI

Academic research also signals a strong correlation between IPR and technology transfer. Lippoldt showed that **IPR strengthening in countries—particularly with respect to patents—is associated with increased technology transfer via trade and investment**.34 Research has revealed that a country’s level of intellectual property protection considerably affects whether foreign firms will transfer technology into it.35 That matters because the welfare gains from the importation of technology via innovative products, while differing across countries, can be substantial.36 For instance, **foreign sources of technology account for over 90 percent of domestic productivity growth in all but a handful of countries**.37 The research on this matter is clear and consistent. For example, a 1986 United Nations Conference on Trade and Development (UNCTAD) study found that direct investment in new technology areas such as computer software, semiconductors, and biotechnology is supported by stronger intellectual property rights policy regimes.38 (However, as this report later clarifies, subsequent UNCTAD reports have lamentably taken a more skeptical view toward IP.) A 1989 study by the United Nations Commission on Transnational Corporations (UNCTC) found that weak IP rights reduce computer software direct investment; and a 1990 study by UNCTC found that **weak IP rights reduce pharmaceutical investment**.39 Mansfield conducted firm-level surveys and found that perceptions of strong IP rights abroad have a positive effect on incentives to transfer technologies abroad. Likewise, survey research by the World Bank’s International Finance Corporation found that, with variations by sector, country, and technology, **at least 25 percent of American and Japanese high-tech firms refuse to directly invest, or enter into a joint venture, in developing countries with weak intellectual property rights**; and a later study confirmed those survey findings with actual foreign direct investment data.40 And an Institute for International Economics study of World Bank data concluded that weak intellectual property rights reduce flows of all these commercial activities, regardless of nations’ levels of economic development.41

Studies have also shown how the benefits of intellectual property extend to developing countries. Diwan and Rodrik demonstrated that stronger patent rights in developing countries give enterprises from developed countries a greater incentive to research and introduce technologies appropriate to developing countries.42 Similarly, Taylor showed that **weak patent rights in developing countries lead enterprises from developed countries to introduce less-than-best-practice technologies to developing countries**.43 Interestingly, the relationship goes in both directions. Branstetter and Saggi showed that strengthened IPR protection not only improves the investment climate in the implementing countries, but also leads to increased FDI in the country producing the original innovation.44 They concluded that IPR reform in the “global South” (e.g., developing countries) may be associated with FDI increases in the “global North” (e.g., developed countries). As northern firms shift their production to southern affiliates, this FDI accelerates southern industrial development, creating a cyclical feedback mechanism that also benefits the North. Another study by Liao and Wong, which focused on firm-level analysis, highlights the inter-relationship of IPR reform in developed and developing countries. Their study concluded that **developing countries can entice technology transfer from the North by providing IPR protection for incoming products** (although they note there is a need for redoubled R&D efforts in developed countries to spur needed innovations).45

#### Vaccine response—

**Overreliance on vaccines hurts overall pandemic response.**

**Lovelace 1/13** [(Berkeley, health-care reporter for CNBC, mainly covering pharmaceuticals and the Food and Drug Administration) "WHO says Covid vaccines aren’t ‘silver bullets’ and relying entirely on them has hurt nations," CNBC, 1-13-2021, https://www.cnbc.com/2021/01/15/who-says-covid-vaccines-arent-silver-bullets-and-relying-entirely-on-them-has-hurt-nations.html] TDI

The World Health Organization said Friday that [coronavirus](https://www.cnbc.com/2021/01/15/coronavirus-live-updates.html) vaccines aren’t “silver bullets” and relying solely on them to fight the pandemic has hurt nations. Some countries in Europe, Africa and the Americas are seeing spikes in Covid-19 cases “because we are collectively not succeeding at breaking the chains of transmission at the community level or within households,” WHO Director-General Tedros Adhanom Ghebreyesus said during a news conference from the agency’s Geneva headquarters. With [global deaths reaching 2 million](https://www.cnbc.com/2021/01/15/coronavirus-live-updates.html) and new variants of the virus appearing in multiple countries, world leaders need to do all they can to curb infections “through tried and tested public health measures,” Tedros said. “There is only one way out of this storm and that is to share the tools we have and commit to using them together.” The [coronavirus](https://www.cnbc.com/coronavirus/) has infected more than 93.3 million people worldwide and killed at least 2 million since the pandemic began about a year ago, according to data compiled by Johns Hopkins University. The virus continues to accelerate in some regions, with nations reporting that their supply of oxygen for Covid-19 patients is running “dangerously low,” the WHO said. Some countries, including the U.S., have focused heavily on the use of vaccines to combat their outbreaks. While vaccines are a useful tool, they will not end the pandemic alone, Mike Ryan, executive director of the WHO’s health emergencies program, said at the news conference. “We warned in 2020 that if we were to rely entirely on vaccines as the only solution, we could lose the very controlled measures that we had at our disposal at the time. And I think to some extent that has come true,” Ryan said, adding the colder seasons and the recent holidays also may have also played a role in the spread of the virus. “A big portion of the transmission has occurred because we are reducing our physical distancing. ... We are not breaking the chains of transmission. The virus is exploiting our lack of tactical commitment,” he added. “We are not doing as well as we could.” Dr. Bruce Aylward, a senior advisor to the WHO’s director-general, echoed Ryan’s comments, saying, vaccines are not “silver bullets” “Things can get worse, numbers can go up,” he said. We have vaccines, yes. But we have limited supplies of vaccines that will be rolled out slowly across the world. And vaccines are not perfect. They don’t protect everyone against every situation.” In the U.S., the pace of vaccinations is going slower than officials had hoped. As of Friday at 6 a.m. ET, more than 31.1 million doses of vaccine had been distributed across the U.S., but just over 12.2 million shots have been administered, according to data compiled by the Centers for Disease Control and Prevention. Meanwhile, cases are rapidly growing, with the U.S. recording at least 238,800 new Covid-19 cases and at least 3,310 virus-related deaths each day, based on a seven-day average calculated by CNBC using Johns Hopkins data. On Thursday, President-elect Joe Biden [unveiled a sweeping plan](https://www.cnbc.com/2021/01/14/biden-unveils-sweeping-plan-to-combat-the-covid-pandemic-in-the-us.html) to combat the coronavirus pandemic in the United States. While his administration will invest billions in a vaccine campaign, it will also scale up testing, invest in new treatments and work to identify new strains, among other measures.

#### Innovation?? –

**IPR key to innovation.**

**Bacchus 20** [(James, member of the Herbert A. Stiefel Center for Trade Policy Studies, the Distinguished University Professor of Global Affairs and director of the Center for Global Economic and Environmental Opportunity at the University of Central Florida. He was a founding judge and was twice the chairman—the chief judge—of the highest court of world trade, the Appellate Body of the World Trade Organization in Geneva, Switzerland) "An Unnecessary Proposal: A WTO Waiver of Intellectual Property Rights for COVID-19 Vaccines," Cato Institute, 12-16-2020, https://www.cato.org/free-trade-bulletin/unnecessary-proposal-wto-waiver-intellectual-property-rights-covid-19-vaccines] TDI

At the heart of this emerging trade debate is a belief by many people worldwide that all medicines should be “global public goods.” There is little room in such a belief for consideration of any rights to IP. As one group of United Nations human rights experts expressed: “There is no room for … profitability in decision‐​making about access to vaccines, essential tests and treatments, and all other medical goods, services and supplies that are at the heart of the right to the highest attainable standard of health for all.”[16](https://www.cato.org/free-trade-bulletin/unnecessary-proposal-wto-waiver-intellectual-property-rights-covid-19-vaccines#_ednref16)

This view is myopic. Subordinating IP rights temporarily to pressing public needs during a pandemic or other global health emergency is one thing. Eliminating any consideration of “profitability” in all policymaking relating to “access to vaccines, essential tests and treatments, and all other medical goods, services and supplies” is quite another.[17](https://www.cato.org/free-trade-bulletin/unnecessary-proposal-wto-waiver-intellectual-property-rights-covid-19-vaccines#_ednref17) To be sure, there is a superficial moral appeal in such a view. But does this moral appeal hold up if such a “human rights” approach does not result in meeting those urgent public needs?

With the belief that medicines should be “public goods,” there is literally no support in some quarters for the application of the WTO TRIPS Agreement to IP rights in medicines. Any protection of the IP rights in such goods is viewed as a violation of human rights and of the overall public interest. This view, though, does not reflect the practical reality of a world in which **many medicines would simply not exist if it were not for the existence of IP rights and the protections they are afforded.**

Technically, IP rights are exceptions to free trade. A long‐​standing general discussion in the WTO has been about when these exceptions to free trade should be allowed and how far they should be extended. The continuing debate over IP rights in medicines is only the most emotional part of this overall conversation. Because developed countries have, historically, been the principal sources of IP rights, this lengthy WTO dispute has largely been between developed countries trying to uphold IP rights and developing countries trying to limit them. The debate over the discovery and the distribution of vaccines for COVID-19 is but the latest global occasion for this ongoing discussion.

The primary justification for granting and protecting IP rights is that they are incentives for innovation, which is the main source for long‐​term economic growth and enhancements in the quality of human life. IP rights spark innovation by “enabling innovators to capture enough of the benefits of their own innovative activity to justify taking considerable risks.”[18](https://www.cato.org/free-trade-bulletin/unnecessary-proposal-wto-waiver-intellectual-property-rights-covid-19-vaccines#_ednref18) The knowledge from innovations inspired by IP rights spills over to inspire other innovations. The protection of IP rights promotes the diffusion, domestically and internationally, of innovative technologies and new know‐​how. Historically, the principal factors of production have been land, labor, and capital. In the new pandemic world, perhaps an even more vital factor is the creation of knowledge, which adds enormously to “the wealth of nations.” Digital and other economic growth in the 21st century is increasingly ideas‐​based and knowledge intensive. Without IP rights as incentives, there would be less new knowledge and thus less innovation.