# 1AC

### 1AC – Contention 1: Unrelenting Hegemony

#### US primacy is hurt by blocking the vaccine – a waiver solves

PC 5-3 – Public Citizen is a non-profit, progressive consumer rights advocacy group and think tank based in Washington, D.C., United States) “Don’t Buy Pharma’s Latest Distraction: A Temporary WTO IP Waiver for COVID Meds Would Not Hand “U.S. mRNA Technology” to China,” May 3, 2021. <https://www.citizen.org/article/dont-buy-pharmas-latest-distraction-a-temporary-wto-ip-waiver-for-covid-meds-would-not-hand-u-s-mrna-technology-to-china/> //advay

Real Geopolitical Threat for U.S. Is in Blocking 100+ Countries’ WTO Initiative While China and Russia Share Vaccine Technology Worldwide Russia’s Sputnik-5 vaccine and the Chinese Sinovac and Sinopharm vaccines have become the go-to options for countries in the developing world. The Chinese and Russian companies, probably compelled by their governments who seek to leverage the vaccines for geopolitical gain, have engaged in significant tech and know-how transfer and partnerships with firms all over the world. Meanwhile, the U.S. and EU have pre-ordered vaccines for their populations while blocking the vast majority of WTO countries’ efforts to even negotiate the text of a waiver these countries consider necessary for their populations to also obtain vaccines.

#### Western vaccine diplomacy destroys U.S. heg – the plan flips the script on threats and securitization of vaccines!

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Possessing one of the largest stockpiles of COVID-19 vaccines, the United States holds special weight when it comes to distributing the vaccines worldwide, and the concept of “vaccine diplomacy” is becoming an evermore important buzzword for American foreign policy.

Policymakers, however, increasingly view the United States’ COVID-19 response as a weaponized diplomatic tool. This perception works to no one’s benefit and more fundamentally exposes a half-heartedness and fragility to U.S. foreign policy that does not bode well for the return of American global leadership in the near future.

At the core of this weaponized model of vaccine diplomacy lies the national anxieties that made up the core of “America first” and that now pervade vaccine policy, shaping the issue into a matter of national security and foreign policy.

This need to “securitize” vaccines is driven by the now all-too-common feelings of individual, social and national insecurity that the pandemic has highlighted and exacerbated across the country. The botched initial response to the pandemic left the United States as the most COVID-19-ridden country on the face of the earth. By summer, polls began showing a growing loss in social trust and national pride. The national unease brought a moment of renewal for anti-vaxxers and other conspiracy theorists who shouted through their keyboards about “plandemics,” cabals and Bill Gates to a receptive audience facing a shattered world.

These factors all aided in catalyzing the political violence that transpired during the Capitol insurrection on Jan. 6, an event that has been considered the first American self-coup. China, meanwhile, leveraged the opportunities arising from America’s internal upheaval by challenging the United States militarily in the South China Sea and assuming a leading role in supplying the world with vaccines and desperately needed medical equipment. Needless to say, many saw 2020 as the poignant end of American primacy.

For an America scarred internally and scorned internationally, the vaccine was a path toward renewed security and power. After our annus horribilis, the world has seen the fragility of American cohesion and has questioned the country’s claims to hegemony. Back to normal as fast as possible, as such, is not as much the preference of a rich country that can afford it, but rather a necessity for its survival.

This is the rationale that attempts to justify the fact that for every one American there are about four vaccine doses reserved. Meanwhile, in the whole of Africa, that number barely reaches 0.2 doses per person. In all, only 10 countries have administered about three-fourths of all vaccine doses. For the United States, this hoarding is symptomatic of a desperation to prevent the next wave of social unrest — one jab at a time, all the while disregarding the Global South’s struggles, where many countries may not receive enough supply to vaccinate the majority of their populations until several years down the line.

Even while some semblance of self-denial has found its way into U.S. foreign policy, the thinness of promises made is hard to miss. Biden’s donation of more than 2.5 million AstraZeneca doses to Mexico, while amounting to the largest vaccine transfer from one country to another, seems meaningless when considering America’s 300 million strong AstraZeneca stockpile might simply end up unused.

In other less publicized instances, the vaccine paranoia has been more clear. In February, the United States backed other rich nations in opposing a waiver to the Agreement on Trade-Related Aspects of Intellectual Property Rights, which would allow for widespread production of COVID-19 vaccines and other treatments without infringing on international property rights. This arrangement benefits Moderna and Pfizer the most, the country’s vaccine champions, who are now the face of American power, centrality and indispensability in the same vein that other powerful entities, like Google, Amazon and Facebook, have been for decades.

The vaccine is also key to recouping power vis-a-vis China. President Biden took the opportunity this March during the first summit of the Quadrilateral Security Dialogue, the joint project of Australia, India, Japan and the United States to contain China, to announce the bloc’s vaccination initiative. Not surprisingly, great power competition infuses the core of this joint project, as the Quad members aim to provide their vaccines to Southeast Asia as a means of keeping China’s out.

The U.S. posture is a shrewd reminder that in international politics, altruism will almost always come second. Even while Americans have often played the role of the good Samaritan worldwide, especially in the realm of global health, right now, we are a country backed into a corner, looking to claw our way back. Internally, even as the choice to not widely share the vaccine incurs heavy costs — the loss of countless lives around the world and billions of dollars in trade — large stocks and lofty promises are upheld as a matter of national security. Externally, vaccines offer an avenue to regain the world’s adoration, thus transforming into a central component of a foreign policy seeking to protect American hegemony. Until the United States feels safe, the rest of the world will not be.

#### Absent the plan we risk great power war with China – transition to multipolarity is unstable and collapses deterrence

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As the article argued in 2007, “technological shifts have continuously altered the methods of war,” but in the end, “political arrangements matter, and the deterrent effect of any weapon should be evaluated within the context of the structure of the international system.”20 This claim is as true now as it was then. Indeed, one might conclude that structure matters even more now than it did 10 years ago, given the shift to multipolarity.21 Under “lopsided” multipolarity—where the United States outweighs both China and Russia militarily—it will maintain power advantages on some fronts, but at smaller margins than it did during the unipolar moment when it reigned supreme. Power diffusion, and related great power competition concerns, will be governed by the continued growth of Asian economic and military clout predominantly from China and India and the relative decline of Western economic influence.22 As China continues to translate economic gains into military modernization, the US will “focus mainly on countering China.”23 Avoiding the perils of security competition will require that the US be more cautious about exercising its power abroad.24

Yet exercising diplomacy and restraint could prove to be challenging. Even scholars who adopt a more circumspect view of emerging multipolarity, and the implications of growing military-technological parity, acknowledge its underlying risks. Barry Posen, who questions the assumption that multipolarity is inherently unstable, nonetheless acknowledges that growing parity will only “mute” great power competition. The diffusion of power will not eradicate “great power adventures.”25 China’s rise is apt to entail alliance reconfigurations and temptations to employ conventional military power.26 In fact, just as the original article predicted, the United States and India, Russia and China, and France and Germany have taken steps toward tightening their security relationships. China’s progress toward narrowing its power gap with the US has already met with a return to US defense budget growth and the establishment of new US defense cooperation commitments—notably with India. In parallel, China and Russia have grown closer, with Presidents Xi Jinping and Vladimir Putin meeting three times in 2018 and China sending a “strong supporting contingent” to Russia’s Vostok-2018 military exercises.27

Given the complexities and uncertainties of multipolarity, the US arsenal of advanced conventional weapons (and those of other great powers) may not only prove ill suited to deterring great power war but also provide occasion for its inadvertent onset. The stealth, speed, and lethality of advanced conventional technologies—allowing for quick and decisive US victories in the Persian Gulf (1991), Kosovo (1999), and Afghanistan (2001)—have proven increasingly enticing to other great powers. Russia and China drew similar lessons from these conflicts, each embarking on military modernization programs geared toward antiaccess/area-denial (A2/AD) and grey zone strategies.28 Advanced conventional weapons already undergird Russia’s and China’s respective salami-slicing campaigns in Eastern Europe and the South China Sea. Russia began modernizing its military following its 2008 war with Georgia, enhancing its ground force readiness and updating its integrated air defense system. The improvements have allowed for significant defensive and force-projection gains (against border states).29 Though Russia has since dialed back modernization efforts in the wake of its economic downturn, China continues to seek avenues for undermining the United States’ conventional weapons edge. The People’s Liberation Army (PLA) still trails the United States in the areas of innovation and operational proficiency. Its modernization achievements, though—especially the development of intermediate-range missiles that threaten US forward bases and carrier strike groups—have substantially augmented China’s “advantage of proximity in most plausible conflict scenarios.”30

As great power rivals continue to chip away at the United States’ once considerable smart-weapons advantage, national security experts are reevaluating the viability of deterrence. On this front, the diffusion of capabilities, as well as the expansion of competition to the space and cyber domains, do more than complicate appraisals of the balance of power; they threaten to upend the foundations of deterrence.31 The arrival of dualcapable hypersonic weapons (and delivery systems)—currently being designed and tested by the US, China, and Russia—will arguably risk jeopardizing strategic stability. Their ultrahigh velocity could reduce warning time to the extent that “a response would be required on first signal of attack”; likewise, their deployment in ready-to-launch mode could trigger preemptive strikes, as others might perceive it as a sign of impending attack.32 Further, cyber weapons’ potential for disabling an opponent’s “early warning and command systems” may diminish the expected costs of first strike under crisis conditions.33 Autonomous weapons also have the potential to fundamentally alter the psychological underpinnings of strategy And, as Kenneth Payne notes, there is no “a priori reason” to expect that substituting artificial intelligence (AI) for human intelligence—that rapid, accurate, and unbiased information processing and responses—“will necessarily be safer.” Because AI limits the risks of using force, it could make conflict more acceptable to risk-averse states; because its speed and precision favor the offense, it could prove more conducive to aggression than deterrence; and because it shapes a host of processes and technologies rather than a single weapon or system, its effects on strategy (and the challenges of its regulation) could prove counter to deterrence.34

As noted in the original article, nuclear weapons helped sustain the “cold peace” during the Cold War—not because of their awesome destructive power but because that awesome destructive power helped buttress bipolarity.35 The simplicity of bipolarity and superpower balancing, in turn, limited “the dangers of miscalculation and overreaction.”36 Multipolarity, though, makes for complexity; additional great power players provide additional opportunities for miscalculation and overreaction. Given these conditions and the perceived “usability” of advanced conventional weapons relative to nuclear weapons, it seems likely that they will fall short of yielding “the kinds of political structures necessary to enhance deterrence.”37 To counter Posen, the diffusion of advanced conventional technology may well have cheapened the near-term costs and risks of going to war, and particularly engaging in hybrid warfare. Even if the US manages to avoid a direct confrontation with Russia or China, it seems increasingly plausible that it could be dragged into a conflict involving one or more of their allies.

#### US-China war goes nuclear.

[Caitlin Talmadge (10-15-2018), PhD in Political Science from MIT, BA in Government from Harvard, Professor of Security Studies at Georgetown University, “Beijing’s Nuclear Option,” Foreign Affairs, [https://www.foreignaffairs.com/articles/china/2018-10-15/beijings-nuclear-option]//recut](https://www.foreignaffairs.com/articles/china/2018-10-15/beijings-nuclear-option%5d//recut) SLC PK

As China’s power has grown in recent years, so, too, has the risk of war with the United States. Under President Xi Jinping, China has increased its political and economic pressure on Taiwan and built military installations on coral reefs in the South China Sea, fueling Washington’s fears that Chinese expansionism will threaten U.S. allies and influence in the region. U.S. destroyers have transited the Taiwan Strait, to loud protests from Beijing. American policymakers have wondered aloud whether they should send an aircraft carrier through the strait as well. Chinese fighter jets have intercepted U.S. aircraft in the skies above the South China Sea. Meanwhile, U.S. President Donald Trump has brought long-simmering economic disputes to a rolling boil.

A war between the two countries remains unlikely, but the prospect of a military confrontation—resulting, for example, from a Chinese campaign against Taiwan—no longer seems as implausible as it once did. And the odds of such a confrontation going nuclear are higher than most policymakers and analysts think.

Members of China’s strategic com­munity tend to dismiss such concerns. Likewise, U.S. studies of a potential war with China often exclude nuclear weapons from the analysis entirely, treating them as basically irrelevant to the course of a conflict. Asked about the issue in 2015, Dennis Blair, the former commander of U.S. forces in the Indo-Pacific, estimated the likelihood of a U.S.-Chinese nuclear crisis as “somewhere between nil and zero.”

This assurance is misguided. If deployed against China, the Pentagon’s preferred style of conventional warfare would be a potential recipe for nuclear escalation. Since the end of the Cold War, the United States’ signature approach to war has been simple: punch deep into enemy territory in order to rapidly knock out the opponent’s key military assets at minimal cost. But the Pentagon developed this formula in wars against Afghanistan, Iraq, Libya, and Serbia, none of which was a nuclear power.

China, by contrast, not only has nuclear weapons; it has also intermingled them with its conventional military forces, making it difficult to attack one without attacking the other. This means that a major U.S. military campaign targeting China’s conventional forces would likely also threaten its nuclear arsenal. Faced with such a threat, Chinese leaders could decide to use their nuclear weapons while they were still able to.

As U.S. and Chinese leaders navigate a relationship fraught with mutual suspicion, they must come to grips with the fact that a conventional war could skid into a nuclear confrontation. Although this risk is not high in absolute terms, its consequences for the region and the world would be devastating. As long as the United States and China continue to pursue their current grand strategies, the risk is likely to endure. This means that leaders on both sides should dispense with the illusion that they can easily fight a limited war. They should focus instead on managing or resolving the political, economic, and military tensions that might lead to a conflict in the first place.

#### Extinction – nuclear winter, crude oil amplifies, smoke covers the world

Snydera and Ruyle 17 (Brian F.Snydera and Leslie E. Ruyle, 12-15-2017, [Brian F. Snyder. Department of Environmental Science, Louisiana State University, United States. Leslie E. Ruyle. Center on Conflict and Development, Texas A&M University, United States]"The abolition of war as a goal of environmental policy," No Publication, [https://www.sciencedirect.com/science/article/pii/S0048969717316431?via%3Dihub)//SLC](https://www.sciencedirect.com/science/article/pii/S0048969717316431?via%3Dihub)//CHS) PK

While the precise impacts of a hypothetical nuclear war are difficult to predict, the detonation of the world's nuclear weapons would plausibly kill all or nearly all humans on Earth and initiate a mass extinction event. There are a total of about 9400 nuclear warheads in active service around the world, with approximately 8300 of these weapons in U.S. and Russian arsenals (Kristensen and Norris, 2017a). Because of government secrecy, it is difficult to reliably estimate the total explosive power contained in these warheads, but in most cases, each warhead ranges between 100 and 1200 kt of TNT equivalent (for comparison, the bombs dropped on Hiroshima and Nagasaki had yields of approximately 15–20 kt). The combined arsenals of the U.S. and Russia likely have a yield of at least 2–3 billion tons of TNT equivalent (Kristensen and Norris, 2017b,c). 2.1. Nuclear winter In the 1980s climate scientists used simple and early climate models to estimate the effects of large-scale nuclear wars on climate. The estimates they derived were catastrophic. For example, Turco et al. (1983) reported temperature reductions of 43 °C for 4 months in the Northern Hemisphere following nuclear war using the explosive power of 10 billion tons of TNT.1 As the cold war ended, interest in modelling the climate effects of nuclear war declined and some policy-makers considered the threat of nuclear winter to be either disproved or exaggerated (Martin, 1988). Toon et al. (2007) and Robock et al. (2007) reignited interest in the climate effects of nuclear war. Toon et al. (2008) modeled the effects of a medium scale nuclear war with a total explosive yield of 440 million tons of explosive yield (far less than current U.S. and Russian arsenals) and estimated global soot2 emissions of 180 Tg. Using a more conservative estimate of 150 Tg of soot, Toon et al. estimated that this emission would be sufficient to reduce global temperatures by about 8 °C and energy flux by 150 W/m2 ; for comparison, the cumulative greenhouse gas emissions to the atmosphere since the industrial revolution have increased energy flux by 3 W/m2 (Butler and Montzka, 2017). Robock et al. (2007) modeled a similar 150 Tg smoke emission and found similar results including temperature reduction of about 8 °C lasting for several years. Low temperatures reduced evapotranspiration and weakened the global hydrological cycle and Hadley cells. As a result, precipitation decreased globally by 45% with especially dramatic decreases in the agricultural areas of the United States. In the Northern Hemisphere, growing seasons would be shortened by about 100 days for about 3 years. This would preclude most food production over most of the world for several years. Mills et al. (2014) conducted a detailed analysis of the effects of a small (1.5 million ton) regional exchange lofting just 5 Tg of soot into the atmosphere. This war would be equivalent to an exchange of 100 Hiroshima-sized bombs between, for example, India, Pakistan, or China. Mills et al. found global temperature decreases of 1.6 °C. To our knowledge, no one has studied the effects of a multi-billion ton nuclear exchange using modern atmospheric models. If, as Toon et al. and Robock et al. suggest, a 440 million ton war results in temperature reductions of 8 °C for a decade and a 100 day reduction in the growing season, it is reasonable to assume that a one to five billion ton war would not be survivable for the majority of people on earth. However, as populations and population centers grow, the effects of nuclear wars on the biosphere will also grow. The consequences of nuclear winter increase as the amount of fuel (buildings, cars, biomass, liquid and solid fuels) added to a targeted area increase. As population centers grow and densify over time, the amount of soot added to the stratosphere as the result of any given nuclear exchange may increase (depending in part on building materials). As a result, the nuclear winter resulting from a 400 million ton yield global war in 2020 may be far more severe than if the same war occurred in 2000. Further, there are reasons to believe that the soot emissions from a hypothetical nuclear exchange are conservative because they focus on urban areas and often do not incorporate non-urban energy infrastructure. For example, if ignited and burned completely, the U.S. Strategic Petroleum Reserve (SPR) alone contains about 14.5 Tg of soot emissions.3 Including all crude held in U.S. commercial facilities, the potential soot emissions increase to 24 Tg. Thus, incorporating crude oil storage in the U.S. alone would increase soot generation estimates by about 16%. Similarly, nuclear war planners would be likely to target coal, oil and gas fields in the U.S., Russia, and their allies. This unaccounted for fuel could increase the total soot contribution to the atmosphere, potentially deepening the resulting nuclear winter. 2.2. Acute effects of particulate matter Studies of nuclear winter typically focus on the effects of smoke lofted into the stratosphere during nuclear firestorms. However, a larger proportion of smoke following nuclear war will be trapped in the troposphere where it would have significantly acute impacts on human and non-human species. Crutzen et al. (1984) calculated that following a major nuclear war (about 5 billion tons of explosives, roughly the combined U.S. and Russian deployed nuclear arms as of 2017) smoke would cover about 30–40% of the earth's surface with airborne smoke concentrations on the order of 5 mg/m3 . While initially this smoke would be composed of very small particles (b0.1 μm), the particles would rapidly coalesce into the 0.1 to 3 μm range, roughly consistent with the wellstudied PM2.5. For comparison, the EPA's National Ambient Air Quality standard for PM2.5 is 0.012 mg/m3 and as of 2017, the highest PM2.5 concentrations in Asia are typically around 0.3 to 1 mg/m3 .

### 1AC – Solvency: Public IP Holiday

#### The patent system for pandemic-related drugs is currently out of balance---there’s spurious over-patenting under the guise of innovation, which paradoxically hurts innovation by juicing profits. A temporary waiver in the U.S. for pandemics rebalance the system.

Brink **Lindsey 21**. Vice President, Niskanen Center; Writes for Brookings, “Why Intellectual Property and Pandemics Don’t Mix,” Brookings, June 3, 2021, <https://www.brookings.edu/blog/up-front/2021/06/03/why-intellectual-property-and-pandemics-dont-mix/>, RJP, **DebateDrills**.

When we take the longer view, we can see a fundamental mismatch between the policy design of intellectual property protection and the policy requirements of effective pandemic response. Although patent law, properly restrained, constitutes one important element of a well-designed national innovation system, the way it goes about encouraging technological progress is singularly ill-suited to the emergency conditions of a pandemic or other public health crisis. Securing a TRIPS waiver for COVID-19 vaccines and treatments would thus establish a salutary precedent that, in emergencies of this kind, governments should employ other, more direct means to incentivize the development of new drugs. Here is the basic bargain offered by patent law: encourage the creation of useful new ideas for the long run by slowing the diffusion of useful new ideas in the short run. The second half of the bargain, the half that imposes costs on society, comes from the temporary exclusive rights, or monopoly privileges, that a patent holder enjoys. Under U.S. patent law, for a period of 20 years nobody else can manufacture or sell the patented product without the permission of the patent holder. This allows the patent holder to block competitors from the market, or extract licensing fees before allowing them to enter, and consequently charge above-market prices to its customers. Patent rights thus slow the diffusion of a new invention by restricting output and raising prices.The imposition of these short-run costs, however, can bring net long-term benefits by sharpening the incentives to invent new products. In the absence of patent protection, the prospect of easy imitation by later market entrants can deter would-be innovators from incurring the up-front fixed costs of research and development. But with a guaranteed period of market exclusivity, inventors can proceed with greater confidence that they will be able to recoup their investment.For the tradeoff between costs and benefits to come out positive on net, patent law must strike the right balance. Exclusive rights should be valuable enough to encourage greater innovation, but not so easily granted or extensive in scope or term that this encouragement is outweighed by output restrictions on the patented product and discouragement of downstream innovations dependent on access to the patented technology.Unfortunately, the U.S. patent system at present is out of balance. Over the past few decades, the expansion of patentability to include software and business methods as well as a general relaxation of patenting requirements have led to wildly excessive growth in these temporary monopolies: the number of patents granted annually has [skyrocketed roughly fivefold](https://www.uspto.gov/web/offices/ac/ido/oeip/taf/us_stat.htm) since the early 1980s. One unfortunate result has been the rise of “non-practicing entities,” better known as patent trolls: firms that make nothing themselves but buy up patent portfolios and monetize them through aggressive litigation. As a result, a law that is supposed to encourage innovation has turned into a [legal minefield](https://scholarship.law.cornell.edu/cgi/viewcontent.cgi?article=4620&context=clr) for many would-be innovators. In the pharmaceutical industry, firms have abused the law by piling up patents for trivial, therapeutically irrelevant “innovations” that allow them to [extend their monopolies](https://www.i-mak.org/wp-content/uploads/2018/08/I-MAK-Overpatented-Overpriced-Report.pdf) and keep raising prices long beyond the statutorily contemplated 20 years. Patent law is creating these unintended consequences because policymakers have been caught in an ideological fog that [conflates “intellectual property” with actual property rights](https://www.niskanencenter.org/wp-content/uploads/2019/09/LT_IPMisnomer-2-1.pdf) over physical objects. Enveloped in that fog, they regard any attempts to put limits on patent monopolies as attacks on private property and view ongoing expansions of patent privileges as necessary to keep innovation from grinding to a halt. In fact, patent law is a tool of regulatory policy with the usual tradeoffs between costs and benefits; like all tools, it can be misused, and as with all tools there are some jobs for which other tools are better suited. A well-designed patent system, in which benefits are maximized and costs kept to a minimum, is just one of various policy options that governments can employ to stimulate technological advance—including tax credits for R&D, prizes for targeted inventions, and direct government support.

#### The plan seamlessly shifts to a direct support model during pandemics, which allows pharma companies to profit and innovate while speeding up the process---that solves but avoids the innovation DA.

Brink **Lindsey 21**. Vice President, Niskanen Center; Writes for Brookings, “Why Intellectual Property and Pandemics Don’t Mix,” Brookings, June 3, 2021, <https://www.brookings.edu/blog/up-front/2021/06/03/why-intellectual-property-and-pandemics-dont-mix/>, RJP, **DebateDrills**.

**PUBLIC HEALTH EMERGENCIES AND DIRECT GOVERNMENT SUPPORT**

For pandemics and other public health emergencies, patents’ mix of costs and benefits is misaligned with what is needed for an effective policy response. The basic patent bargain, even when well struck, is to pay for more innovation down the road with slower diffusion of innovation today. In the context of a pandemic, that bargain is a bad one and should be rejected entirely. Here the imperative is to accelerate the diffusion of vaccines and other treatments, not slow it down. Giving drug companies the power to hold things up by blocking competitors and raising prices pushes in the completely wrong direction.

What approach to encouraging innovation should we take instead? How do we incentivize drug makers to undertake the hefty R&D costs to develop new vaccines without giving them exclusive rights over their production and sale? The most effective approach during a public health crisis is direct government support: public funding of R&D, advance purchase commitments by the government to buy large numbers of doses at set prices, and other, related payouts. And when we pay drug makers, we should not hesitate to pay generously, even extravagantly: we want to offer drug companies big profits so that they prioritize this work above everything else, and so that they are ready and eager to come to the rescue again the next time there’s a crisis.

It was direct support via Operation Warp Speed that made possible the astonishingly rapid development of COVID-19 vaccines and then facilitated a relatively rapid rollout of vaccine distribution (relative, that is, to most of the rest of the world). And it’s worth noting that a major reason for the faster rollout here and in the United Kingdom compared to the European Union was the latter’s [misguided penny-pinching](https://www.nytimes.com/2021/05/17/opinion/europe-vaccines-commission.html?smid=tw-share). The EU bargained hard with firms to keep vaccine prices low, and as a result their citizens ended up in the back of the queue as various supply line kinks were being ironed out. This is particularly ironic since the Pfizer-BioNTech vaccine was developed in Germany. As this fact underscores, the chief advantage of direct support isn’t to “get tough” with drug firms and keep a lid on their profits. Instead, it is to accelerate the end of the public health emergency by making sure drug makers profit handsomely from doing the right thing.

Patent law and direct support should be seen not as either-or alternatives but as complements that apply different incentives to different circumstances and time horizons. Patent law provides a decentralized system for encouraging innovation. The government doesn’t presume to tell the industry which new drugs are needed; it simply incentivizes the development of whatever new drugs that pharmaceutical firms can come up with by offering them a temporary monopoly. It is important to note that patent law’s incentives offer no commercial guarantees. Yes, you can block other competitors for a number of years, but that still doesn’t ensure enough consumer demand for the new product to make it profitable. DIRECT SUPPORT MAKES PATENTS REDUNDANT The situation is different in a pandemic. Here the government knows exactly what it wants to incentivize: the creation of vaccines to prevent the spread of a specific virus and other drugs to treat that virus. Under these circumstances, the decentralized approach isn’t good enough. There is no time to sit back and let drug makers take the initiative on their own timeline. Instead, the government needs to be more involved to incentivize specific innovations now. As recompense for letting it call the shots (pardon the pun), the government sweetens the deal for drug companies by insulating them from commercial risk. If pharmaceutical firms develop effective vaccines and therapies, the government will buy large, predetermined quantities at prices set high enough to guarantee a healthy return.

#### Thus the plan: The United States of America ought to reduce intellectual property protections for the COVID-19 vaccine. The plan’s implemented through a TRIPS waiver for the U.S.

-- that’s Moderna, Pfizer-BioNTech, Johnson & Johnson/Janssen

### FW

#### The standard is maximizing expected wellbeing.

#### Prefer it:

#### 1] Actor specificity:

#### A] Aggregation – every policy benefits some and harms others, which also means side constraints freeze action.

#### B] No intent-foresight distinction – If we foresee a consequence, then it becomes part of our deliberation which makes it intrinsic to our action since we intend it to happen

#### 2] Only consequentialism explains degrees of wrongness—if I break a promise to meet up for lunch, that is not as bad as breaking a promise to take a dying person to the hospital. Only the consequences of breaking the promise explain why the second one is much worse than the first. Intuitions outweigh—they’re the foundational basis for any argument and theories that contradict our intuitions are most likely false even if we can’t deductively determine why.

#### 3] Psychological evidence proves we don’t identify with our future selves.

Opar 14. Alisa Opar (articles editor at Audubon magazine; cites Hal Hershfield, an assistant professor at New York University’s Stern School of Business; and Emily Pronin, a psychologist at Princeton) “Why We Procrastinate” Nautilus January 2014

“The British philosopher Derek Parfit espoused a severely reductionist view of personal identity in his seminal book, Reasons and Persons: It does not exist, at least not in the way we usually consider it. We humans, Parfit argued, are not a consistent identity moving through time, but a chain of successive selves, each tangentially linked to, and yet distinct from, the previous and subsequent ones. The boy who begins to smoke despite knowing that he may suffer from the habit decades later should not be judged harshly: “This boy does not identify with his future self,” Parfit wrote. “His attitude towards this future self is in some ways like his attitude to other people.” Parfit’s view was controversial even among philosophers. But psychologists are beginning to understand that it may accurately describe our attitudes towards our own decision-making: It turns out that we see our future selves as strangers. Though we will inevitably share their fates, the people we will become in a decade, quarter century, or more, are unknown to us. This impedes our ability to make good choices on their—which of course is our own—behalf. That bright, shiny New Year’s resolution? If you feel perfectly justified in breaking it, it may be because it feels like it was a promise someone else made. “It’s kind of a weird notion,” says Hal Hershfield, an assistant professor at New York University’s Stern School of Business. “On a psychological and emotional level we really consider that future self as if it’s another person.” Using MRI, Hershfield and colleagues studied brain activity changes when people imagine their future and consider their present. They homed in on two areas of the brain called the medial prefrontal cortex and the rostral anterior cingulate cortex, which are more active when a subject thinks about himself than when he thinks of someone else. They found these same areas were more strongly activated when subjects thought of themselves today, than of themselves in the future. Their future self “felt” like somebody else. In fact, their neural activity when they described themselves in a decade was similar to that when they described Matt Damon or Natalie Portman. And subjects whose brain activity changed the most when they spoke about their future selves were the least likely to favor large long-term financial gains over small immediate ones. Emily Pronin, a psychologist at Princeton, has come to similar conclusions in her research. In a 2008 study, Pronin and her team told college students that they were taking part in an experiment on disgust that required drinking a concoction made of ketchup and soy sauce. The more they, their future selves, or other students consumed, they were told, the greater the benefit to science. Students who were told they’d have to down the distasteful quaff that day committed to consuming two tablespoons. But those that were committing their future selves (the following semester) or other students to participate agreed to guzzle an average of half a cup. We think of our future selves, says Pronin, like we think of others: in the third person.

### UV

#### 1] 1AR theory – a) AFF gets it because otherwise the neg can engage in infinite abuse, making debate impossible, b) reject the debater – the 1AR is too short for theory and substance so ballot implications are key to check abuse, c) no RVIs – they can stick me with 6min of answers to a short arg and make the 2AR impossible, d) competing interps – 1AR interps aren’t bidirectional and the neg should have to defend their norm since they have more time, e) no 2NR theory – 2-to-1 time tradeoff makes it devastating for the 2AR, f) comes first – it’s a bigger percentage of the 1AR than 1NC which means there’s more abuse if I’m devoting a larger fraction of time and only the 2N has time to win multiple layers, g) voters – fairness because debate’s a game that needs rules to evaluate it and education since it gives us portable skills for life like research and thinking.

#### Second, Prefer comparative worlds:

#### 1] It ensures a reciprocal division of ground and is most intuitive

**Nelson 08** “Towards a Comprehensive Theory of LD - Adam Nelson” by Adam F. Nelson, J.D. [Director of Lincoln-Douglas Debate and Mock Trial at The Harker School, San Jose, CA] TUESDAY, APRIL 15, 2008 [http://ldtheoryjournal.blogspot.com/2008/04/towards-comprehensive-theory-of-ld-adam.html //](http://ldtheoryjournal.blogspot.com/2008/04/towards-comprehensive-theory-of-ld-adam.html%20//) OHS-AT

And the truth-statement model of the resolution imposes an absolute burden of proof on the affirmative: if the resolution is a truth-claim, and the afﬁrmative has the burden of proving that claim, in so far as intuitively we tend to disbelieve truth-claims until we are persuaded otherwise, the afﬁrmative has the burden to prove that statement absolutely true. Indeed, one of the most common theory arguments in LD is conditionality, which argues it is inappropriate for the afﬁrmative to claim only proving the truth of part of the resolution is sufﬁcient to earn the ballot. Such a model of the resolution also gives the negative access to a range of strategies that many students, coaches, and judges ﬁnd ridiculous or even irrelevant to evaluation of the resolution. If the negative need only prevent the affirmative from proving the truth of the resolution, it is logically sufficient to negate to deny our ability to make truth-statements or to prove normative morality does not exist or to deny the reliability of human senses or reason. Yet, even though most coaches appear to endorse the truth-statement model of the resolution, they complain about the use of such negative strategies, even though they are a necessary consequence of that model. And, moreover, such strategies seem fundamentally unfair, as they provide the negative with functionally inﬁnite ground, as there are a nearly inﬁnite variety of such skeptical objections to normative claims, while continuing to bind the afﬁrmative to a much smaller range of options: advocacy of the resolution as a whole. Instead, it seems much more reasonable to treat the resolution as a way to equitably divide ground: the affirmative advocating the desirability of a world in which people adhere to the value judgment implied by the resolution and the negative advocating the desirability of a world in which people adhere to a value judgment mutually exclusive to that implied by the resolution. By making the issue one of desirability of competing world-views rather than of truth, the affirmative gains access to increased flexibility regarding how he or she chooses to defend that world, while the negative retains equal flexibility while being denied access to those skeptical arguments indicted above. Our ability to make normative claims is irrelevant to a discussion of the desirability of making two such claims. Unless there is some significant harm in making such statements, some offensive reason to reject making them that can be avoided by an advocacy mutually exclusive with that of the affirmative such objections are not a reason the negative world is more desirable, and therefore not a reason to negate. Note this is precisely how things have been done in policy debate for some time: a team that runs a kritik is expected to offer some impact of the mindset they are indicting and some alternative that would solve for that impact. A team that simply argued some universal, unavoidable, problem was bad and therefore a reason to negate would not be very successful. It is about time LD started treating such arguments the same way. Such a model of the resolution has additional benefits as well. First, it forces both debaters to offer offensive reasons to prefer their worldview, thereby further enforcing a parallel burden structure. This means debaters can no longer get away with arguing the resolution is by definition true of false. The “truth” of the particular vocabulary of the resolution is irrelevant to its desirability. Second, it is intuitive. When people evaluate the truth of ethical claims, they consider their implications in the real world. They ask themselves whether a world in which people live by that ethical rule is better than one in which they don’t. Such debates don’t happen solely in the abstract. We want to know how the various options affect us and the world we live in.

#### 2] Inclusion –

#### A] TT justifies absurd NIBs and a prioris that are confusing to novices and lay debaters and deter them from the activity – proven by them reading generic topic positions like the politics DA.

#### B] A lot of small school debaters are K debaters like Kumi and Eric to manage res specific prep load

#### C] Comparative worlds is intuitive – that’s Nelson – that’s how novices default

#### 3] Advocacy skills – their model leads to defensive offense so they never have an active advocacy – voter since we need to be advocate for solutions to messed up things in the world

#### No neg prep time – they have 7-6 speeches plus 30 mins before the round and 2 only 1 speech to prep for as opposed to the aff which has 2 speeches to prep for

#### Combo shells don’t solve –

#### 1] Arb – it’s infinitely regressive cuz you can pick any arg I said an group and change them which means you don’t set a norm for what debates ought to look like

#### 2] picking can choosing means you can find the smallest violation to exploit BUT there will always be other arguments in the UV that you can’t include in the combo shell

#### 3] Contradictions are good, allow for testing on dumb theory args to cycle them out like they did in policy