### 1

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

Nebel 19. [Jake Nebel is an assistant professor of philosophy at the University of Southern California and executive director of Victory Briefs. He writes a lot of this stuff lol – duh.] “Genericity on the Standardized Tests Resolution.” Vbriefly. August 12, 2019. <https://www.vbriefly.com/2019/08/12/genericity-on-the-standardized-tests-resolution/?fbclid=IwAR0hUkKdDzHWrNeqEVI7m59pwsnmqLl490n4uRLQTe7bWmWDO_avWCNzi14> TG

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.

“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](https://plato.stanford.edu/entries/generics/#IsolGeneInte) 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 universitiesz 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.

#### Violation: They spec COVID medicines

#### Standards:

#### [1] precision – the counter-interp justifies them arbitrarily doing away with random words in the resolution which decks negative ground and preparation because the aff is no longer bounded by the resolution. Independent voter for jurisdiction – the judge doesn’t have the jurisdiction to vote aff if there wasn’t a legitimate aff.

#### [2] Limits and ground – their model allows affs to defend anything from Covid vaccines to HIV drugs to Insulin— there's no universal DA since each has different functions and political implications — that explodes neg prep which makes cutting links impossible

#### [3] TVA solves – you could’ve read your plan as an advantage under a whole res advocacy.

#### Fairness – debate is a competitive activity that requires fairness for objective evaluation. Outweighs because it’s the only intrinsic part of debate – all other rules can be debated over but rely on some conception of fairness to be justified.

#### Drop the debater – a] deter future abuse and b] set better norms for debate.

#### Competing interps – [a] reasonability is arbitrary and encourages judge intervention since there’s no clear norm, [b] it creates a race to the top where we create the best possible norms for debate.

#### No RVIs – a] illogical, you don’t win for proving that you meet the burden of being fair b] RVIs incentivize baiting theory and prepping it out which leads to maximally abusive practices

### 2

#### Desire from lack projects identity which we can never fully reach which urges the political to determine which identities are legitimate. Thus, the role of the ballot is to vote for the debater with the best method of traversing the fantasy.

**Edelman 1** (Lee Edelman, No Future: Queer Theory and the Death Drive, 2004, Duke University Press, p. 7-9) SJCP//JG

Politics, to put this another way, names the space in which Imaginary relations, relations that hark back to a misrecognition of the self as enjoying some originary access to presence (a presence retroactively posited and therefore lost, one might say, from the start), compete for Symbolic fulfillment, for actualization in the realm of language to which subjectification subjects us all. Only the mediation of the signifier allows us to articulate those Imaginary relations, though always at the price of introducing the distance that precludes their realization: the distance inherent in the chain of ceaseless deferrals and substitutions to which language as a system of differences necessarily gives birth. The signifier, as alienating and meaningless token of our Symbolic constitution as subjects (as token, that is, of our subjectification through subjection to the prospect of meaning); the signifier, by means of which we always inhabit the order of the Other, the order of a social and linguistic reality articulated from somewhere; the signifier, which calls us into meaning by seeming call us to ourselves: this signifier only bestows a sort of promissory identity, one with which we can never succeed in fully coinciding because we, as subjects of the signifier, can only, be signifiers ourselves, can only ever aspire to catch up to [be what] whatever it is we might signify by closing the gap that divides us and, paradoxically, makes us subjects through that act of division alone. This structural inability of the subject to merge with the self for which it sees itself as a signifier in the eyes of the Other necessitates various strategies designed to suture the subject in the space of meaning where Symbolic and Imaginary overlap. Politics names the social enactment of the subject's attempt to establish the conditions for this impossible consolidation by identifying with something outside of itself in order to enter the presence, deferred perpetually, of itself. Politics, that is, names the struggle to effect a fantasmic order of reality in which the subject's alienation would vanish into the seamlessness of identity at the endpoint of the endless chain of signifiers lived as history. If politics in the Symbolic is always therefore a politics of the Symbolic, operating in the name and in the direction of a constantly anticipated futurity, then the telos that would, in fantasy, put an end to these deferrals, the presence toward which the metonymic chain of signifiers always aims, must be recognized, nonetheless, as belonging to an Imaginary past. This means not only that politics conforms to the temporality of desire, to what we might call the inevitable historicity of desire- the successive displacements forward of nodes of attachment as figures of meaning, points of intense metaphoric investment, produced in the hope, however vain, of filling the constitutive gap in the subject that the signifier necessarily installs- but also that politics is name for the temporalization of desire, for its translation into a narrative, for its teleological determination.

#### Notions of progress that pass through the aff is rooted in futurism that is built upon the symbol of the child which will always exclude the queer from the political as they are seen as useless to that image

**Edelman 2** (Lee Edelman, No Future: Queer Theory and the Death Drive, 2004, Duke University Press, p. 10-13) SJCP//JG

Politics, then, in opposing itself to the negativity of such a drive, gives us history as the continuous staging of our dream of eventual self-realization by endlessly reconstructing, in the mirror of desire, what we take to be reality itself. And it does so without letting us acknowledge that the future, to which it persistently appeals, marks the impossible place of an Imaginary past exempt from the deferrals intrinsic to the operation of the signifying chain and projected ahead as the site at which being and meaning are joined as One. In this it enacts the formal repetition distinctive of the drive while representing itself as bringing to fulfillment the narrative sequence of history and, with it, of desire, in the realization of the subject's authentic presence in the Child imagined as enjoying unmediated access to Imaginary wholeness. Small wonder that the era of the universal subject should produce as the very figure of politics, because also as the embodiment of futurity collapsing undecidably into the past, the image of the Child as we know it: the Child who becomes, in Wordsworth's phrase, but more punitively, "father of the Man." Historically constructed, as social critics and intellectual historians including Phillipe Aries, James Kincaid, and Lawrence Stone have made clear, to serve as the repository of variously sentimentalized cultural identifications, the Child has come to embody for us the telos of the social order and come to be seen as the one for whom that order is held in perpetual trust. In its coercive universalization, however, the image of the Child, not to be confused with the lived experiences of any historical children, serves to regulate political discourse-to prescribe what will count as political discourse-by compelling such discourse to accede in advance to the reality of a collective future whose figurative status we are never permitted to acknowledge or address. From Delacroix's iconic image of Liberty leading us into a brave new world of revolutionary possibility- her bare breast making each spectator the unweaned Child to whom it's held out while the boy to her left, reproducing her posture, affirms the absolute logic of reproduction itself-to the revolutionary waif in the logo that miniaturizes the "politics" of Les Mis (summed up in its anthem to futurism, the "inspirational" "One Day More"), we are no more able to conceive of a politics without a fantasy of the future than we are able to conceive of a future without the figure of the Child. That figural Child alone embodies the citizen as an ideal, entitled to claim full rights to its future share in the nation's good, though always at the cost of limiting the rights "real" citizens are allowed. For the social order exists to preserve for this universalized subject, this fantasmatic Child, a notional freedom more highly valued than the actuality of freedom itself, which might, after all, put at risk the Child to whom such a freedom falls due. Hence, whatever refuses this mandate by which our political institutions compel the collective reproduction of the Child must appear as a threat not only to the organization of a given social order but also, and far more ominously, to social order as such, insofar as it threatens the logic of futurism on which meaning always depends. So, for example, when D. James, in her novel Children of Men, imagines a future in which the human race has suffered a seemingly absolute loss of the capacity to reproduce, her narrator, Theodore Faron, not only attributes this reversal of biological fortune to the putative crisis of sexual values in late twentieth-century democracies-"Pornography and sexual violence on film, on television, in books, in life had increased and became more explicit but less and less in the West we made love and bred children," he declares-but also gives voice to the ideological truism that governs our investment in the Child as the obligatory token of futurity: "Without the hope of posterity, for our race not for ourselves, without the assurance that we being dead yet live," he later observes, "all pleasures of the mind and senses sometimes seem to me no more than pathetic and crumbling defences shored up against our ruins."12 While this allusion to Eliot's "The Waste Land" may recall another of its well-known lines, one for which we apparently have Eliot's Wife, Vivian, to thank-"What you get married for if you don't want children?"-it also brings out the function of the child as the prop of the secular theology on which our social reality rests: the secular theology that shapes at once the meaning of our collective narratives and our collective narratives of meaning. Charged, after all, with the task of assuring "that we being dead yet live," the Child, as if by nature (more precisely, as the promise of a natural transcendence of the limits of nature itself), exudes the very pathos from which the narrator of The Children of Men recoils when he comes upon it in nonreproductive "pleasures of the mind and senses." For the "pathetic" quality he projectively locates in non-generative sexual enjoyment-enjoyment that he views in the absence of futurity as empty, substitutive, pathological-exposes the fetishistic figurations of the Child that the narrator pits against it as legible in terms identical to those for which enjoyment without "hope of posterity" is peremptorily dismissed: legible, that is, as nothing more than "pathetic and crumbling defences shored up against our ruins." How better to characterize the narrative project of The Children of Men itself, which ends, as anyone not born yesterday surely expects from the start, with the renewal of our barren and dying race through the miracle of birth? After all, as Walter Wangerin Jr., reviewing the book for the New York Times, approvingly noted in a sentence delicately poised between description and performance of the novel's pro-procreative ideology: "If there is a baby, there is a future, there is redemption."13 If, however, there is no baby and, in consequence, no future, then the blame must fall on the fatal lure of sterile, narcissistic enjoyments understood as inherently destructive of meaning and therefore as responsible for the undoing of social organization, collective reality, and, inevitably, life itself.

#### anything hindering progress of the metaphorical child is subject to an ontological state of overkill

#### Stanley 11 Eric Stanley, Near Life, Queer Death: Overkill and Ontological Capture, 2011 SJ//VM

- Mbembe - “But what does it mean to do violence to what is nothing?”

**According to the autopsy** report, Travis County **medical examiner Dr.** Roberto **Bayardo cataloged at least fourteen blows to Lauryn’s head and more than sixty knife wounds to her body. The knife wounds were so deep that they almost decapitated her—a clear sign of overkill.** **Overkill is** a term used to indicate such **excessive violence that** it **pushes a body beyond death.** Overkill is often determined by the postmortem removal of body parts, as with the partial decapitation in the case of Lauryn Paige and the dissection of Rashawn Brazell. **The temporality of violence, the biological** **time when the heart stops pushing** **and pulling** **blood, yet the killing is not finished, suggests** **the aim is not** **simply** **the end of** **a** **specific life, but the ending** **of all queer life.** **This is the time of queer death, when the utility of violence gives way to the pleasure in the other’s mortality.** If queers, along with others, approximate nothing, then the task of ending, of killing, that which is nothing must go beyond normative times of life and death. In other words, **if** **Lauryn was** **dead after** **the first** **few stab wounds to the throat,** **then what do the remaining fifty wounds signify?** The legal theory that is offered to nullify the practice of overkill often functions under the name of the trans- or gay-panic defense. Both of these defense strategies argue that the murderer became so enraged after the “discovery” of either genitalia or someone’s sexuality they were forced to protect themselves from the threat of queerness. Estanislao Martinez of Fresno, California, used the trans-panic defense and received a four-year prison sentence after admittedly stabbing J. Robles, a Latina transwoman, at least twenty times with a pair of scissors. Importantly, this defense is often used, as in the cases of Robles and Paige, after the murderer has engaged in some kind of sex with the victim. **The logic of the trans-panic defense as an explanation for overkill, in its gory semiotics, offers us a way of understanding queers as the nothing of Mbembe’s query.** **Overkill names** **the technologies necessary** **to do away** **with** **that which is already gone. Queers** then **are the** specters of **life whose** **threat** **is** **so unimaginable that one is** **“forced,” not simply to murder, but to push them** **backward** **out of time, out of History, and into that which comes before.**

#### The alternative is to embrace the death drive – a full affirmation of queer negativity in which we reject the 1AC in favor of traversing the fantasy and realizing the structural positionality of queer identity.

**Edelman 3** (Lee Edelman, No Future: Queer Theory and the Death Drive, 2004, Duke University Press, p. 4-7) SJCP//JG

“Rather than rejecting, with liberal discourse, this ascription of negativity to the queer, we might, as I argue, do better to consider accepting and even embracing it. Not in the hope of forging thereby some more perfect social order-such a hope, after all, would only reproduce the constraining mandate of futurism, just as any such order would equally occasion the negativity of the queer-but rather to refuse the insistence of hope itself as affirmation, which is always affirmation of an order whose refusal will register as unthinkable, irresponsible, inhumane. And the trump card of affirmation? Always the question: If not this, what? Always the demand to translate the insistence, the pulsive force, of negativity into some determinate stance or "position" whose determination would thus negate it: always the imperative to immure it in some stable and positive form. When I argue, then, that we might do well to attempt what is surely impossible-to withdraw our allegiance, however compulsory, from a reality based on the Ponzi scheme of reproductive futurism-I do not intend to propose some "good" that will thereby be assured. To the contrary, I mean to insist that nothing, and certainly not what we calI the "good," can ever have any assurance at all in the order of the Symbolic. Abjuring fidelity to a futurism that's always purchased at our expense, though bound, as Symbolic subjects consigned to figure the Symbolic's undoing, to the necessary contradiction of trying turn its intelligibility against itself, we might rather, figuratively, cast our vote for "none of the above," for the primacy of a constant no in response to the law of the Symbolic, which would echo that law's foundational act, its self­constituting negation. The structuring optimism of politics to which the order of meaning commits us, installing as it does the perpetual hope of reaching meaning through signification, is always, I would argue, a negation of this primal, constitutive, and negative act. And the various positivities produced in its wake by the logic of political hope depend on the mathematical illusion that negated negations might somehow escape, and not redouble, such negativity. My polemic thus stakes its fortunes on a truly hopeless wager: that taking the Symbolic's negativity to the very letter of the law, that attending to the persistence of something internal to reason that reason refuses, that turning the force of queerness against all subjects, however queer, can afford an access to the jouissance that at once defines and negates us. Or better: can expose the constancy, the inescapability, of such access to jouissance in the social order itself even if that order can access its constant access to jouissance only in the process of abjecting that constancy of access onto the queer. In contrast to what Theodor Adorno describes as the "grimness with which a man clings to himself, as to the immediately sure and substantial," the queerness of which I speak would deliberately sever us from ourselves, from the assurance, that is, of knowing ourselves and hence of knowing our "good."4 Such queerness proposes, in place of the good, something I want to call "better," though it promises, in more than one sense of the phrase, absolutely nothing. I connect this something better with Lacan's characterization of what he calls "truth," where truth does not assure happiness, or even, as Lacan makes clear, the good.5 Instead, it names only the insistent particularity of the subject, impossible fully to articulate and "tend[ing] toward the real."6 Lacan, therefore, can write of this truth: The quality that best characterizes it is that of being the true Wunsch, which was at the origin of an aberrant or atypical behavior. We encounter this Wunsch with its particular, irreducible character as a modification that presupposes no other form of normalization than that of an experience of pleasure or of pain, but of a final experience from whence it springs and is subsequently preserved in the depths of the subject in an irreducible form. The Wunsch does not have the character of a universal law but, on the contrary, of the most particular of laws-even if it is universal that this particularity is to be found in every human being.' Truth, like queerness, irreducibly linked to the "aberrant or atypical," to what chafes against "normalization," finds its value not in a good susceptible to generalization, but only in the stubborn particularity that voids every notion of a general good. The embrace of queer negativity, then,- can have no justification if justification requires it to reinforce some positive social value; its value, instead, resides in its challenge to value as defined by the social, and thus in its radical challenge to the very value of the social itself. For by figuring a refusal of the coercive belief in the paramount value of futurity, while refusing as well any backdoor hope for dialectical access to meaning, the queer dispossesses the social order of the ground on which it rests: a faith in the consistent reality of the social-and by extension, of the social subject; a faith that politics, whether of the left or of the right, implicitly affirms. Divesting such politics of its thematic trappings, bracketing the particularity of its various proposals for social organization, the queer insists that politics is always a politics of the signifier, or even of what Lacan will often refer to as "the letter." It serves to shore up a reality always unmoored by signification and lacking any guarantee. To say as much is not, of course, to deny the experiential violence that frequently troubles social reality or the apparent consistency with which it bears-and thereby bears down on-us all. It is, rather, to suggest that queerness exposes the obliquity of our relation to what we experience in and as social reality, alerting us to the fantasies structurally necessary in order to sustain it and engaging those fantasies through the figural logics, the linguistic structures, that shape them. If it aims effectively to intervene in the reproduction of such a reality-an inter­vention that may well take the form of figuring that reality's abortion­ then queer theory must always insist on its connection to the vicissi­tudes of the sign, to the tension between the signifier's collapse into the letter's cadaverous materiality and its participation in a system of refer­ence wherein it generates meaning itself. As a particular story, in other words, of why storytelling fails, one that takes both the value and the burden of that failure upon itself, queer theory, as I construe it, marks the "other" side of politics: the "side" where narrative realization and derealization overlap, where the energies of vitalization ceaselessly turn against themselves; the "side" outside all political sides, committed as they are, on every side, to futurism's unquestioned good.

### 3

#### Text: The member nations of the World Trade Organization ought to form and adhere to an international panel of science diplomats’ ruling to reduce intellectual property protections for medicines related to the prevention, containment, and treatment of COVID-19. which would be justified based on deliberation over the plan is a good idea, why the status quo is worse, and how to enforce the plan.

#### They have the jurisdiction to rule over intellectual property and secure science diplomacy.

Hajjar and Greenbaum 18 [David; Dean Emeritus and University Distinguished Professor, and Professor of Biochemistry and Pathology at Weill Cornell Medicine, Cornell University. He is a Fellow of the American Academy of Arts and Sciences, Fellow of the American Association for the Advancement of Sciences, a Jefferson Science Fellow of the National Academies at the U.S. Department of State, and a recent Senior Fellow in Science Policy at the Brookings Institute; Steven; Professor and Chair of the Department of Physics and Astronomy at Hunter College of the City University of New York and a Fellow of the American Physical Society. He was a Jefferson Science Fellow of the National Academies at the U.S. Department of State; “Leveraging Diplomacy for Managing Scientific Challenges,” American Diplomacy; September 18; <https://americandiplomacy.web.unc.edu/2018/09/leveraging-diplomacy-for-managing-scientific-challenges-an-opportunity-to-navigate-the-future-of-science/>] Justin

At the global level, science diplomacy is defined as cooperation among countries in order to solve complex problems through scientific research and education (1). For example, science diplomacy plays an important role in resolving global issues related to the ecosystem (such as clean water, food safety, energy conservation, and preservation of the environment). It also addresses problems related to the healthcare industry. For example, scientists have served at the international level to forge the Middle Eastern Cancer Consortium a decade ago to facilitate better healthcare and improve cancer research in the region. Whether one considers science for diplomacy or diplomacy for science, international science collaborations benefit from allowing science diplomats (broadly defined as science envoys, science attaches, embassy fellows) to help establish positive international relationships between the U.S., Europe, Latin America, Africa or Asia, particularly when proprietary disputes arise (2, 3). These various types of science diplomats already exist; some, like embassy fellows and science envoys, have one-year appointments so their role may be limited, while attaches usually have two or three year appointments that may allow them to be more successful in long, protracted negotiations. In any event, we believe that scientists can play more of a role in advancing international scientific cooperation. A key point addressed here is how to balance security concerns against the need for free exchange of information needed for innovation and growth. Both the National Science Foundation and the National Institutes of Health are already engaged in supporting American science and strengthening collaborations abroad. Such efforts take advantage of international expertise, facilities, and equipment. Here, we provide a rationale for the use of diplomacy to address scientific challenges. This approach allows some scientists working as diplomats to help manage complex and potentially conflicting situations that arise between scientific communities and their governments. Such issues include managing disputes such as licensing agreements for intellectual property (IP) and providing protection of IP. International collaborations can not only support but also accelerate the advancement of science. However, collaborations may carry risk if IP is misappropriated for other purposes. International collaborations should have a basis in strategy and specific goals (for example, drug discovery) in order to justify the use of government and/or corporate funds. About a decade ago, a group of academics from the University of Manchester in the United Kingdom assembled the “Manchester Manifesto,” subtitled “Who Owns Science” (6). This document addressed the lack of alignment between commercial interests, intellectual rights, and credit to the researcher. In our (and commonly held) view, the groups representing these disparate values could benefit from diplomatic mediation. More recently, it has become increasing apparent that managing China as a science and technology superpower represents another challenge for the U.S. Resolution of issues such as ownership of IP, rights to reagents, or use of skilled laboratory personnel from international collaborations may require the efforts of science diplomats. There are few international offices or “guardians” to protect junior and senior scientists in corporate or academic sectors from misuse of reagents or piracy. China’s failure to respect IP rights, and the resulting piracy, has drawn much attention. The media have also focused on the failure of watchdog government agencies to detect and manage these unwanted activities. Industrial espionage compromises U.S. interests. Moreover, Chinese and Russian hackers have cyberattacked U.S. technology companies, financial institutions, media groups, and defense contractors. In 2018, industrial spying was even reported in a major medical school in New York City where scientists were alleged to have illegally shared research findings with Chinese companies. The U.S. has a long history of hiring research personnel from other countries to staff its laboratories and industrial R&D centers. These scientists and engineers have made critical contributions to our nation’s well-being and security. These young Chinese and South Asian graduates of U.S. programs a generation ago now staff our research enterprise. However, recent trends in U.S. graduate school applications in science, technology, engineering and mathematics (STEM) reflect a downturn in foreign applicants, particularly from China. It is becoming increasingly apparent that the number of American-born students seeking STEM degrees is not sufficient to satisfy future demands of our high-tech workforce. While our own educational reforms must be augmented, we cannot ignore the need to continue to recruit overseas talent. We believe that foreign scientists can continue to make critical discoveries in the U. S. provided that their talent is nurtured, developed, and harnessed for the common good. At the same time, American companies cannot hire foreign scientists if they take the ideas they generate in U.S. laboratories back to their home countries without proper credit or permission. If the advancement of science is to succeed, greater diplomatic cooperation is needed to solve and manage proprietary issues for the benefit of all (5, 6). So, how does one strike the proper balance between security and growth? Science is a universal social enterprise; international conferences lead to friendships and productive collaborations between nations. Given that the U.S. and Chinese governments recognize the need for international communication and collaboration then surely there should be a mechanism for adjudicating anticipated conflicts. One approach would be for government, industrial, and academic stakeholders to form an international panel of scientists and engineers to manage any conflicts of interest between the need to protect proprietary information crucial to a company’s competitive edge, and the need for students and young faculty members to publish their findings. Smaller scale efforts along these lines have recently given rise to unique global partnerships, such as fellowship support by major pharmaceutical companies, which aim to address these conflicts to the benefit of both parties. An added feature of such arrangements is that they often provide corporate financing for research (9). Can this corporate-academic partnership model be adapted to multinational joint R&D efforts while protecting IP? This question falls squarely within the purview of international science diplomacy, whereby science diplomats can establish rules of conduct governing joint global technology development with proper IP protection. Despite the highly publicized and legitimate piracy allegations against China, at least some data indicates that the Chinese legal system is responding positively to worldwide pressure to honor foreign IP. A 2016 study by Love, Helmers, and Eberhardt, for example, found that between 2006 and 2011, foreign companies brought over 10 percent of patent infringement cases in China, and won over 70 percent of those cases (10). Today, “win rates” average around 80 percent, and “injunction rates,” around 98 percent (10). As Chinese scientists and engineers increasingly enter the top tier of the innovation space, their growing awareness of their own need for IP protection could be a powerful motivating force for the protection of all IP. As stated earlier, science diplomats could catalyze this progress even further by direct negotiations with those parties involved in the conflicts. An obvious flaw in this optimistic outlook is that scientists in the U.S. wield more influence with their government than scientists in China wield with theirs. And to the extent that the Chinese government could be encouraging IP theft, this must be addressed first by those international companies/firms who want to do business with the Chinese. Chinese investments, as well as tech incubators and targeted acquisitions, can enable access to U.S. technologies for commercial development. Although this conveys a level of risk to the developers, it may provide valuable opportunities for U.S. companies as well. In many respects, the extensive engagement and collaboration in innovation between the U.S. and China, often characterized by open exchanges of ideas, talent, and technologies, can be mutually beneficial in enriching and accelerating innovation in both countries. In summary, we believe that science diplomats could help address the increasingly complex issues that arise between accelerating scientific and engineering advances, and the need to protect national security and corporate IP. We also propose that this might be accomplished by asking the **National Academies to recommend academic, corporate, and government scientific leaders to serve on an international scientific advisory board**, and for the corresponding organizations in other countries to do the same. Access to the free flow of information promotes new knowledge and innovation. A return to a more restrictive intellectual environment is not only harmful to progress, but also nearly impossible to manage in the current internet age. A good place to start would be to engage the newly appointed head of the White House Office of Science and Technology Policy (the Science Advisor to the President of the United States), and working groups within established organizations. These organizations include the American Association for the Advancement of Science (AAAS) or the National Academies of Science, Engineering and Medicine, and corresponding international organizations. What incentive is there for a busy and successful scientist to serve in such capacity? It is the same altruism that motivates us to accept assignments as journal editors, manuscript reviewers, or funding agency panelists for the advancement of science toward the greater good.

#### Solves every existential threat.

Haynes 18—research associate in the Neurobiology Department at Harvard Medical School (Trevor, “Science Diplomacy: Collaboration in a rapidly changing world,” <http://sitn.hms.harvard.edu/flash/2018/science-diplomacy-collaboration-rapidly-changing-world/>, dml) // Re-Cut Justin

Today’s world is extremely interconnected. Most of us take this fact for granted, but its implications cannot be overstated. The rate at which information, resources, and people are able to move from one part of the world to another continues to accelerate at an alarming rate. Undoubtedly, this development has done society immense good. In the last century, global life expectancy has doubled, the percentage of people living in extreme poverty has dropped by about 60%, and world literacy rates have increased by a similar margin. But while these statistics paint a promising picture of human civilization, human progress rests on a fragile foundation of international cooperation; the challenges presented by an interconnected world are immense. War, natural disasters, and economic collapse now exert their effects globally, creating economic and ecological disasters and mass human migrations on an unprecedented scale. And with the US pulling out of major multilateral agreements on trade, climate change mitigation, and denuclearization, you might wonder if our ability to collaborate across borders productively is really up to the task.

Global challenges require global solutions, and global solutions require collaboration between countries both big and small, rich and poor, authoritative and democratic. There are few human enterprises capable of providing continuity across these differences, and as technological solutions are becoming available to some of our most pressing issues, two in particular will be necessary to getting the job done: science and diplomacy. While science has long been utilized as a means to reach political ends—think of British explorer James Cook’s mapping of unexplored continents or the United States’ Manhattan Project—a more formal integration of scientists into the diplomatic process is being undertaken. This effort, which has led to scientists and academics playing a direct role in foreign policy development and international relations, has given birth of a new branch of diplomacy: science diplomacy.

What is science diplomacy?

As both the term and concept of science diplomacy have only recently gained traction in scientific and diplomatic circles, it’s been given a variety of definitions. But common to them all is the focus on applying scientific expertise to an international effort. The focus of these efforts is to solve international problems collaboratively while balancing economic prosperity, environmental protection, and societal wellbeing. The challenge of reaching this balance in the face of a booming global population cannot be understated, but this new branch of diplomacy is already at work and is producing results. International agreements such as the Paris Climate Agreement and the Iran Nuclear Deal are two famous examples, and science diplomacy is also establishing international collaboration in many other important arenas. While these lesser known efforts may not dominate the headlines, they are quietly tackling the global issues of today and preparing us for those of tomorrow.

Natural disasters don’t respect national boundaries (and neither does the aftermath)

In 2013, the number of refugees displaced by natural disasters—hurricanes, droughts, earthquakes—outnumbered those displaced by war. Current projections estimate as many as 1 billion people may be displaced by natural disasters by the year 2050. That would mean 1 in 9 people on the planet displaced and looking for a home. Compare this to the estimated 12 million refugees displaced by the war in Syria, and a frightening picture begins to form. As natural disasters continue to increase in both their frequency and intensity, solutions for mitigating the risk of total catastrophe will be underpinned by science, technology, and the ability of the international community to collaborate. Many organizations are starting to tackle these problems through the use of science diplomacy. The center for Integrated Research on Disaster Risk (IRDR) is composed of ten national committees—a network of government sponsored research institutions across the world in countries ranging the political and economic scale. These working groups have committed to improving disaster-risk-reduction science and technology while providing guidance to policy makers charged with implementing disaster prevention and mitigation strategies.

IRDR is governed by a committee comprising experienced scientists and natural disaster experts. Its members come from all over the world—the US, China, Uganda, Norway, Mexico, Venezuela, and more. The diversity of this organization starts at the top and is crucial to developing comprehensive risk-reduction strategies. Data and insights from countries with varying areas of expertise are being shared and built upon, facilitating more accurate natural disaster forecasting and better strategies for mitigating their destructive power. And by including representatives from countries of varying political and economic power in its leadership, IRDR ensures that its work will consider the needs of the global community at large, rather than just nations with considerable wealth and political standing.

The results of this type of international collaboration speak for themselves. Although humanity is grappling with more natural disasters than ever before, deaths related to these incidents continue to trend downward. Operating outside of the typical political framework that dominates foreign relations, IRDR provides a model for effective collaboration across the geopolitical spectrum in the face of a major global issue.

Explore or Exploit? Managing international spaces

Over the last few decades the polar ice cap that covers much of the Arctic Ocean has been shrinking. So much so, that during the warm season vast areas of previously solid ice have become open waters, creating opportunities for new trade routes and exposing the Arctic’s enormous reserves of oil and natural gas. Depending on your values, this will sound either like an opportunity for huge economic development of the region or the inevitable exploitation of one of the last untouched natural territories on the planet. And if you live there, like the half a million indigenous people who currently do, how this territory is managed will determine where you can live, how (and if) you can make a living, and what the health of the ecosystems that have supported Arctic life for millennia will look like.

Luckily, such a scenario was predicted decades ago. In 1987, Mikhail Gorbachev, then leader of the then Soviet Union, delivered a speech outlining his aspirations for the arctic to be explored rather than exploited—to radically reduce military presence, create a collaborative multinational research effort, cooperate on matters of environmental security, and open up the Northern Sea Route for trade. This speech laid the foundation for the Arctic Council (Figure 1), which is one of the most successful examples of science diplomacy at work. Composed of the eight Arctic nations, including geopolitical rivals US and Russia, and numerous groups of indigenous peoples, the Arctic Council was established to maintain Gorbachev’s vision for the region while giving the indigenous peoples a seat at the negotiating table. The council’s activities are conducted by six scientific and technology-based working groups who conduct research in the area and provide knowledge and recommendations to the council members. As a result of this research, and allowing scientists to take part in the negotiations, the Arctic council has enacted several legally binding agreements regarding the sustainable development and environmental protection of the Arctic Ocean. These agreements have facilitated cooperation on a number of important issues including search and rescue operations, prevention and containment of maritime oil pollution, and, most recently, enhanced data sharing and scientific research collaborations. Against a backdrop of rapidly deteriorating diplomatic relations, the US and Russia have co-chaired task forces that laid the foundation for these agreements, proving to the world that meaningful results can be achieved through the avenue of science diplomacy, regardless of geopolitics.

Science diplomacy going forward

The technical expertise that characterizes science diplomacy will continue to be in demand across many realms of foreign policy. For example, synthetic biology and gene-editing technology continue to factor into matters regarding agriculture and trade. Also, digital currencies, such as bitcoin, have changed the way economists and businesses are approaching markets. Finally, machine learning and artificial intelligence are being used by governments as a means for population control, giving rise to a new type of governance—digital authoritarianism.

While this expertise will be necessary for managing such issues, building international coalitions can’t be done through a purely scientific and technical lens. Convincing others to cooperate means providing them with a convincing argument to do so, and in terms they understand and find compelling. To achieve this, scientists must be trained to communicate their expertise in a way that moves stakeholders in policy discussions to act. This means appealing to motivations they have been largely taught to put to the side—whether they be political, economic, or emotional in nature—without obscuring the data and insights they have to offer.

For our leaders, policy makers, and diplomats to effectively understand issues underpinned by science and technology, experts in these fields must continue to be integrated into the mechanisms of governance. With scientists in the US running for elections in numbers like never before, we can expect this trend to continue. And in the face of a rising wave of nationalism across the world, it is crucial that we do everything we can to foster collaboration. The future of human civilization depends on it.

#### Pics are good 1). negflex, negating is harder they get to speak first and last so theyre always perceptually ahead and there’s infinite prep time before the 1ac, the neg needs some way to compensate which are pics 2) critical thinking making the 1ar harder forces them to think on their feet which controls the strongest internal link to fairness insofar as it forces big schoolers of their docs

### 4

#### A Temporary debt ceiling bill has passed but its not enough, comprehensive White House-Congress cooperation must be achieved through political capital for a December vote

**Cornwell 10-13** Susan Cornwell, 10-13-2021, "U.S. House votes for short-term debt ceiling fix, averting default," Reuters, <https://www.reuters.com/world/us/us-house-expected-pass-bill-hike-debt-ceiling-avert-default-2021-10-12/> SJ//DA

WASHINGTON, Oct 12 (Reuters) - **The Democratic-controlled U.S. House of Representatives gave final approval on Tuesday to legislation temporarily raising the government's borrowing limit to $28.9 trillion, pushing off the deadline for debt default only until December.** Democrats, who narrowly control the House, maintained party discipline to pass the hard-fought, $480 billion debt limit increase by 219-206. The vote was along party lines, with every yes from Democrats and every no from Republicans. President Joe Biden is expected to sign the measure into law before Oct. 18, when the Treasury Department has estimated it would no longer be able to pay the nation's debts without congressional action. House passage warded off concerns that the United States - the world's largest economy - would go into default for the first time, **but the temporary extension set the stage for continued fighting between the parties. "We have temporarily averted crisis ahead of next week’s deadline, but come December, members of Congress will need to choose to put country before party and prevent default,"** said Democratic Representative Richard Neal, chairman of the House Ways and Means committee. Republicans insist Democrats should take sole responsibility for raising the debt limit because their party wants to spend trillions of dollars to expand social programs and tackle climate change. Democrats say the increased borrowing authority is needed largely to cover the cost of tax cuts and spending programs during former Republican President Donald Trump's administration, which congressional Republicans supported. Senate Republican Leader Mitch McConnell wrote to Biden on Friday that he would not work with Democrats on another debt limit increase. McConnell was harshly criticized by Trump, the Republican party's leader, after the Senate vote. "I will not be a party to any future effort to mitigate the consequences of Democratic mismanagement," McConnell wrote to Biden, saying another vast spending bill would hurt Americans and help China. **Lawmakers also have only until Dec. 3 to pass legislation to fund the government and prevent a shutdown. MORE PARTISAN FIGHTING AHEAD House Speaker Nancy Pelosi told reporters earlier on Tuesday she hoped there could be a bipartisan solution to the debt ceiling issue.** Pelosi said a Democratic proposal to allow the Treasury Department to lift the debt ceiling, with Congress having the ability to overrule it "has merit." She also repeated that Democrats do not want to use a procedural maneuver called reconciliation to raise the ceiling. Reconciliation would let Democrats raise the ceiling with 51 votes rather than the 60 required under the Senate's filibuster rule if Republicans will not cooperate. **The Senate's vote last week to raise the limit - which had been more routine before the current era of fierce partisanship - turned into a brawl.** Republicans tried to link the measure to Biden's goal of passing multitrillion-dollar legislation to bolster infrastructure and social services while fighting climate change. Pelosi said she is optimistic that **Democrats can work out changes to reduce the cost of their social policy plans** by Oct. 31. **In another sign compromise was possible, progressive Democrats told reporters that most of them wanted to keep all the proposed programs in the multitrillion-dollar bill, while shortening the time period to cut its overall cost.** Biden has suggested a cost range around $2 trillion rather than the initial $3.5 trillion target. Pelosi said she would not bring legislation to the House floor if it cannot pass the Senate, where moderate Democrats Joe Manchin and Krysten Sinema both say they cannot support a $3.5 trillion cost. The months-long fight over the debt limit is closely tied to the November 2022 congressional elections, when Republicans are trying to gain majorities in both the House and Senate. Democratic lawmakers fear that a Republican boycott of future efforts to raise the debt ceiling will leave them exposed to political attack ads over the next year that accuse Democrats of fiscal malfeasance and disregard for the ballooning debt. But Democrats in turn accuse Republicans of being willing to let the country default on its debts to score political points. During the Trump administration, **the debt limit was raised three times with the support of Democrats, despite their opposition to Republican initiatives that added to government debt like 2017 tax-cut legislation and Trump priorities like construction of a southwest border wall to keep out immigrants.**

#### Aff doesn’t solve but requires negotiations that saps PC.

Pooley 21 [James; Former deputy director general of the United Nations’ World Intellectual Property Organization and a member of the Center for Intellectual Property Understanding; “Drawn-Out Negotiations Over Covid IP Will Blow Back on Biden,” Barron’s; 5/26/21; <https://www.barrons.com/articles/drawn-out-negotiations-over-covid-ip-will-blow-back-on-biden-51621973675>] Justin

The Biden administration recently announced its support for a proposal before the World Trade Organization that would suspend the intellectual property protections on Covid-19 vaccines as guaranteed by the landmark TRIPS Agreement, a global trade pact that took effect in 1995. The decision has sparked furious debate, with supporters arguing that the decision will speed the vaccine rollout in developing countries. The reality, however, is that even if enacted, the IP waiver will have zero short-term impact—but could inflict serious, long-term harm on global economic growth. The myopic nature of the Biden administration’s announcement cannot be overstated. Even if WTO officials decide to waive IP protections at their June meeting, it’ll simply kickstart months of legal negotiations over precisely which drug formulas and technical know-how are undeserving of IP protections. And it’s unthinkable that the Biden administration, or Congress for that matter, would actually force American companies to hand over their most cutting-edge—and closely guarded—secrets. As a result, the inevitable foot-dragging will cause enormous resentment in developing countries. And that’s the real threat of the waiver—precisely because it won’t accomplish either of its short-term goals of improving vaccine access and facilitating tech transfers from rich countries to developing ones. It’ll strengthen calls for more extreme, anti-IP measures down the road. Experts overwhelmingly agree that waiving IP protections alone won’t increase vaccine production. That’s because making a shot is far more complicated than just following a

recipe, and two of the most effective vaccines are based on cutting-edge discoveries using messenger RNA. As Moderna Chief Executive Stephane Bancel said on a recent earnings call, “This is a new technology. You cannot go hire people who know how to make the mRNA. Those people don’t exist. And then even if all those things were available, whoever wants to do mRNA vaccines will have to, you know, buy the machine, invent the manufacturing process, invent creation processes and ethical processes, and then they will have to go run a clinical trial, get the data, get the product approved and scale manufacturing. This doesn’t happen in six or 12 or 18 months.” Anthony Fauci, the president’s chief medical adviser, has echoed that sentiment and emphasized the need for immediate solutions. “Going back and forth, consuming time and lawyers in a legal argument about waivers—that is not the endgame,” he said. “People are dying around the world and we have to get vaccines into their arms in the fastest and most efficient way possible.” Those claiming the waiver poses an immediate, rather than long-term, threat to IP rights also misunderstand what the waiver will—and won’t—do. The waiver petition itself is more akin to a statement of principle than an actual legal document. In fact, it’s only a few pages long. As the Office of the United States Trade Representative has said, “Text-based negotiations at the WTO will take time given the consensus-based nature of the institution and the complexity of the issues involved.” The WTO director-general predicts negotiations will last until early December. That’s a lot of wasted time and effort. The U.S. Trade Representative would be far better off spending the next six months breaking down real trade barriers and helping export our surplus vaccine doses and vaccine ingredients to countries in need.

#### Debt default tips gradual dollar decline into a spiral of destabilizing hot money outflows.

Brian Chappatta 20, CFA Charterholder, Bloomberg Opinion Columnist Covering Debt Markets, BS in Journalism and Economics from Northwestern University, “A Weakening U.S. Dollar Is Still the Preeminent Currency”, Bloomberg Quint, 10/22/2020, https://www.bloombergquint.com/gadfly/a-weakening-u-s-dollar-is-still-the-preeminent-currency

Simply put, it’s in no country’s or region’s best interest (at least not imminently) for the U.S. dollar lose its place as the reserve currency of choice. That means the dollar will retain its place on the global stage no matter how weak it might get in the months to come. But make no mistake: There are any number of reasons to bet that the greenback will slide further.

Most obviously, the dollar tends to appreciate when U.S. interest rates climb and weaken when they fall. Short-term Treasury yields are pinned near zero and are expected to stay there for years, while longer-term yields have increased somewhat but remain near all-time lows. There’s also the well-known fact that the federal budget deficit has ballooned this year in response to the Covid-19 pandemic. Traders widely expect that large shortfalls will continue in the year ahead, particularly if the Democratic Party sweeps the White House and both chambers of Congress, as polls indicate.

Either way, America’s so-called twin deficits — in both its current account and budget — are so extreme that a regression analysis from Bloomberg News’s Cameron Crise projects a 31% decline over the next two years in the ICE U.S. Dollar Index, known as DXY. There’d certainly be no hyperbole in calling that a “crash.”

It’s hard to imagine that sort of precipitous decline happening, however, without an exogenous shock that’s separate and distinct from interest rates and deficits. My Bloomberg Opinion colleague Noah Smith posited last month that a complete breakdown in America’s institutions could be that force:

Urban chaos, violent conflict and uncertainty over who will control the country in the coming years make for a very bad business environment. In a worst-case scenario, businesses and investors could decide the U.S. is a failing state and that their money is best kept elsewhere, at least until things quiet down. The result could be an unprecedented capital flight — money stampeding out of one of the world’s largest economies and abandoning the reserve currency at the same time. That would probably mean a dollar crash, a surge of U.S. inflation and destabilizing flows of hot money into Europe, Japan, Canada, Australia, South Korea and other, more stable developed nations.

Suffice it to say, that sort of dystopian outlook probably shouldn’t be anyone’s base-case scenario for how the next few months will unfold in the foreign-exchange market. Indeed, speculative U.S. dollar traders recently turned positive on the greenback for the first time in four months, with net noncommercial positions in DXY futures rising above zero for the first time since June, according to Commodity Futures Trading Commission data. While that’s hardly a decidedly bullish position, it at least suggests a sizable pool of money will take the other side of the dollar doomsday narrative.

#### Extinction.

Joshua Zoffer 20, Investor at Cove Hill Partners, Fellow at New America, JD Candidate at Yale University Law School, AB from Harvard University, “To End Forever War, Keep the Dollar Globally Dominant”, The New Republic, 2/3/2020, https://newrepublic.com/article/156417/end-forever-war-keep-dollar-globally-dominant

In early 2016, Obama Treasury Secretary Jack Lew cautioned that the dollar’s dominance as a global currency rested, in part, on the U.S. government’s reluctance to fully weaponize it. If foreign markets and governments “feel that we will deploy sanctions without sufficient justification or for inappropriate reasons,” he warned, “we should not be surprised if they look for ways to avoid doing business in the United States or in U.S. dollars.” Lew’s case stemmed from the more fundamental view that the dollar’s international role is “a source of tremendous strength for our economy, a benefit for U.S. companies and a driver of U.S. global leadership”—in other words, a role worth keeping. This view is emblematic of American financial governance since the Second World War. U.S. economic analysts, especially at the Treasury, have jealously guarded the dollar’s role and the many benefits it offers: the ability to run large deficits at low cost and disproportionate influence over the structure of the global economy, among others.

Yet in their recent article in The New Republic, David Adler and Daniel Bessner argue the U.S. should abandon these advantages. In their view, the dollar’s role has encouraged American militarism and should be relinquished to curb such behavior. Dollar hegemony is not without cost, but to renounce it would be a profound mistake. Adler and Bessner’s view neglects the sizable economic benefits the dollar’s role confers on the U.S., as well as its possible use as an antidote to military adventurism. It ignores the enormous good that can be done with deficit spending, much of which has gone to the American military but could instead fund progressive programs. And it elides the inability of the U.S. and its global trading partners to shift away from dollar dominance without creating worldwide financial distress. Adler and Bessner are right that the U.S. has misused its privilege, but Washington should not abandon it; rather, American leaders should seek to transform it.

Generations of American policymakers have been right to protect the dollar’s key currency role for economic reasons. Most notably, dollar hegemony affords the U.S. the ability to run large and prolonged budget and balance-of-payments deficits. The dollar represents 62 percent of allocated foreign exchange reserves, is used to invoice and settle roughly half of world trade, and accounts for 42 percent of global payments. Because governments, banks, and businesses worldwide need lots of dollars, the world market always stands ready to absorb new U.S.-dollar-denominated debt without charging higher interest rates.

Adler and Bessner correctly point out that the rest of the world considers the dollar’s role as the world’s reserve currency to be an “exorbitant privilege,” a term coined in the 1960s by then French Finance Minister Valéry Giscard D’Estaing. The ability to spend beyond its means has enabled the U.S. to fund its impressive military might, whether one views that power as the fountainhead of Pax Americana or the source of illegitimate military adventurism.

But these economic benefits go beyond just deficits. The demand for dollars also pushes up the dollar’s value against other currencies, enhancing American purchasing power and offering consumers access to imports on the cheap. The dollar’s role also means American firms rarely need to do business in foreign currencies, reducing transaction costs and exchange-rate risks.

More broadly, America’s central economic role gives it outsize influence at crucial moments. At the height of the financial crisis that began in 2008, the Federal Reserve was able to inject vital liquidity into the global financial system by selectively offering dollar swap lines to trusted foreign central banks. Dollar hegemony enabled the U.S. to act swiftly, effectively, and on its own terms.

In addition, the dollar’s role offers a potent alternative to kinetic military action as a means of pursuing foreign policy objectives. The dollar’s broad use means access to dollar liquidity—which in turn requires access to the U.S. financial system—is essential for foreign governments and businesses. For foreign banks, especially, being cut off from dollar access is essentially a death sentence. That makes sanctions that do so a powerful tool in the international arena.

In 2005, for example, the U.S. used the dollar to strike a devastating blow against North Korea without firing a single shot or even formally enacting sanctions. Using authority provided by Section 311 of the Patriot Act, the Department of the Treasury crippled Banco Delta Asia, a bank accused of facilitating illegal activity by the North Korean government, by merely threatening to cut off its access to the American financial system. Deposit outflows began within days; within weeks the bank was placed under government administration to avoid a full collapse. Pyongyang was hit hard, as other banks ceased their business with it to avoid meeting the same fate.

Similarly, though the Trump administration has worked hard to undo it, the Joint Comprehensive Plan of Action with Iran to limit the development of nuclear weapons was made possible, in part, by painful dollar sanctions that brought Iran to the table. Far from being a proximate cause of military conflict, the dollar’s central global role has often been used to contain adversaries without military intervention.

Still, skeptics are right to point out that the dollar’s role has indirectly funded American interventionism and that dollar sanctions have been overused, provoking the ire of American allies. But these facts suggest we should use our dollar power to forge a more progressive U.S. order, not abandon the advantage altogether. America’s exorbitant privilege need not fund warships and missiles: The same low-interest borrowing could be used to fund a new universal health care system, expand access to higher education, or pursue any number of large-scale social policy objectives, including financing global public goods that no other country or consortium of countries is prepared to fund, such as climate change mitigation.

### Case

#### Reject 1AR theory, independent voters and perf cons- 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 which is also a reason why they shouldn’t get 2ar weighing

#### Infinite abuse claims are wrong- A] Spikes solve-you can just preempt paradigms in the 1AC B] Functional limits- 1nc is only 7 minutes long

### Framework

#### [1] Form over content, you need to win how your form of communication is good before you get an access to it, all their policy making good arguments are at most content since it presupposes that the form of communication we engage in is good

#### [2] Alt solves case, the only reason why companies abuse IP protections for products is for some notion of a better future or more money but a rejection of futurism solves back

#### [3]. Fiats illusionary, nothing happens when the judge votes aff so vote neg on presumption

#### On Pummer

1. Justifies atrocities since it says impacts only matter if you die which allows things like torture and genocide in the face of it
2. Freeze’s action since it allows a 1% risk of extinction to mean that we cant do anything
3. Non unique- extinction assumes that value to life exists in the fist place but overkill and reproductive futurism proves its inaccessible to queerpess

### overview

#### The WTO can’t enforce the aff- causes circumvention.

Lamp 19 [Nicholas; Assistant Professor of Law at Queen’s University; “What Just Happened at the WTO? Everything You Need to Know, Brink News,” 12/16/19; <https://www.brinknews.com/what-just-happened-at-the-wto-everything-you-need-to-know/>] Justin

Nicolas Lamp: For the first time since the establishment of the WTO in 1995, the Appellate Body cannot accept any new appeals, and that has knock-on effects on the whole global trade dispute settlement system. When a member appeals a WTO panel report, it goes to the Appellate Body, but if there is no Appellate Body, it means that that panel report will not become binding and will not attain legal force.

The absence of the Appellate Body means that members can now effectively block the dispute settlement proceedings by what has been called appealing panel reports “into the void.”

The WTO panels will continue to function as normal. When a panel issues a report, it will normally be automatically adopted — unless it is appealed. And so, even though the panel is working, the respondent in a dispute now has the option of blocking the adoption of the panel’s report. It can, thereby, shield itself from the legal consequences of a report that finds that the member has acted inconsistently with its WTO obligations.

### Covid

#### Companies like Moderna already reduced intellectual property.

Reuters 20 [10/8, Moderna will not enforce COVID-19 vaccine patents during pandemic, Reuters, <https://www.reuters.com/article/health-coronavirus-moderna/moderna-will-not-enforce-covid-19-vaccine-patents-during-pandemic-idUSL4N2GZ2D6>] Justin

Moderna Inc said on Thursday it would not enforce patents related to its experimental COVID-19 vaccine while the pandemic continues, a move that would allow other drugmakers to develop shots using the company’s technology. Moderna is not asserting its intellectual property rights for its vaccine technology and is willing to license the technology behind its experimental coronavirus vaccine after the pandemic, the company said in a statement. The company is one of the furthest along in the U.S. race for a vaccine seen as essential to ending a pandemic that has claimed more than a million lives worldwide. Moderna has received over $1 billion in government funding to develop and produce its candidate, and another $1.5 billion to supply it to the American public.

#### Aff fails---trade secrets remain secrets and existing logistical hubs fail.

Banri Ito 21 [(Professor of Economics, Aoyama Gakuin University; Fellow, RIETI), 8/8/21, Impacts of the vaccine intellectual property rights waiver on global supply, <https://voxeu.org/article/impacts-vaccine-intellectual-property-rights-waiver-global-supply>] Justin

Regarding waivers of vaccine patents, there have been some voluntary initiatives. On 8 October, soon after South Africa and India proposed a waiver of the TRIPS agreement on 2 October 2020, Moderna, a US pharmaceutical company, expressed its intention not to exercise its patent rights on its COVID-19 vaccine.1 Although Moderna reached an agreement with South Korean pharmaceutical company Samsung Biologics on consignment production of the vaccine on 22 May 2021, so far there have been very few confirmed cases of efforts to reproduce Moderna's vaccine or of licenses being granted to other companies.

With respect to the COVID-19 vaccines developed by Pfizer (jointly with BioNTech of Germany) and Moderna, it appears that the whole body of relevant technical knowledge has not necessarily been patented but that some of the technical knowledge remains undisclosed as trade secrets. Patenting is only one means of ensuring ‘appropriability’, which refers to a company's capacity to secure profits from its own technological innovation. While patent information may make it possible for outsiders to achieve development results similar to those achieved by the patented technology through a similar method without infringing the patent right, keeping the technology undisclosed as a trade secret or incorporating complex processes into it may be an effective means of ensuring appropriability. Pharmaceuticals can easily be counterfeited through ‘reverse engineering’, which refers to a process in which the active ingredients of a drug are identified as a result of deformulation. Therefore, as a general rule, it is considered important to exclude the risk of counterfeiting through patenting.

While it is not clear how much of the relevant technological knowledge remains unpatented, there are apparently some technical reasons for not obtaining full patent protection. The Pfizer and Moderna vaccines use advanced technology based on messenger RNA (mRNA), representing the first case of practical application of such technology. Although I, a non-expert in this field, will refrain from going into further detail, it is highly likely that those vaccines cannot easily be counterfeited as their production requires complex production processes and unique technology.

Patenting involves public disclosure of technical knowledge, providing information on how to reproduce patented inventions. It has the function of lowering technology trade costs by clarifying property rights on technical knowledge. If the technical knowledge necessary for manufacturing a certain product remains undisclosed as a trade secret, it may not be recorded in a written or other tangible form, and it may become necessary to pass down the technical information as cumulative implicit knowledge. As a result, technology transfer may become difficult.

Perhaps in view of that risk, in April 2021, the World Health Organization (WHO) established a COVID-19 vaccine technology transfer hub as a scheme to promote the sharing of mRNA-based technology. However, there are no media reports to date indicating that technical knowledge has been provided through this scheme.2

#### MRNA expert shortages.

Garde et al 21 [Damian Garde (National Biotech Reporter), Helen Branswell (Senior Writer, Infectious Disease)Matthew Herper (Senior Writer, Medicine, Editorial Director of Events), 5/6/21, Waiver of patent rights on Covid-19 vaccines, in near term, may be more symbolic than substantive, <https://www.statnews.com/2021/05/06/waiver-of-patent-rights-on-covid-19-vaccines-in-near-term-may-be-more-symbolic-than-substantive/>] Justin

In October, Moderna vowed not to enforce its Covid-19-related patents for the duration of the pandemic, opening the door for manufacturers that might want to copy its vaccine. But to date, it’s unclear whether anyone has, despite the vaccine’s demonstrated efficacy and the worldwide demand for doses.

That underscores the drug industry’s case that patents are just one facet of the complex process of producing vaccines.

“There are currently no generic vaccines primarily because there are hundreds of process steps involved in the manufacturing of vaccines, and thousands of check points for testing to assure the quality and consistency of manufacturing. One may transfer the IP, but the transfer of skills is not that simple,” said Norman Baylor, who formerly headed the Food and Drug Administration’s Office of Vaccines Research and Review, and who is now president of Biologics Consulting.

While there are factories around the world that can reliably produce generic Lipitor, vaccines like the ones from Pfizer and Moderna — using messenger RNA technology — require skilled expertise that even existing manufacturers are having trouble sourcing.

“In such a setting, imagining that someone will have staff who can create a new site or refurbish or reconfigure an existing site to make mRNA [vaccine] is highly, highly unlikely,” Yadav said.

#### The aff causes a scramble for limited resources by manufacturers with no experience – turns case.

Breuninger 21 [Kevin; Specialist at CNBC; “Pfizer CEO opposes U.S. call to waive Covid vaccine patents, cites manufacturing and safety issues,” CNBC; 5/7/21; <https://www.cnbc.com/2021/05/07/pfizer-ceo-biden-backed-covid-vaccine-patent-waiver-will-cause-problems.html>] Justin

“Currently, infrastructure is not the bottleneck for us manufacturing faster,” Bourla wrote in a dear colleague letter posted on LinkedIn. “The restriction is the scarcity of highly specialized raw materials needed to produce our vaccine.”

Pfizer’s vaccine requires 280 different materials and components that are sourced from 19 countries around the world, Bourla said. He contended that without patent protections, entities with much less experienced than Pfizer at manufacturing vaccines will start competing for the same ingredients.

“Right now, virtually every single gram of raw material produced is shipped immediately into our manufacturing facilities and is converted immediately and reliably to vaccines that are shipped immediately around the world,” Bourla wrote.

He predicted that the proposed waiver “threatens to disrupt the flow of raw materials.”

“It will unleash a scramble for the critical inputs we require in order to make a safe and effective vaccine,” Bourla wrote.

“Entities with little or no experience in manufacturing vaccines are likely to chase the very raw materials we require to scale our production, putting the safety and security of all at risk,” the CEO wrote.

#### Prevents distribution---causes vaccine hesitancy.

Newey et al 21 [Sarah Newey*;* Anne Gulland*;* Jennifer Rigby, (GLOBAL HEALTH SECURITY CORRESPONDENTS at the telegraph) *and* Samaan Lateef (Reporting IN INDIA) 6/1/21, Vaccinating the world: the obstacles hindering global rollout – and how to overcome them, Telegraph, <https://www.telegraph.co.uk/global-health/science-and-disease/vaccinating-the-world/>] Justin

[Vaccine hesitancy has also reared its head](https://www.telegraph.co.uk/global-health/science-and-disease/hesitancy-hard-wired-us-indulge-now-peril/), with concerns around rare blood clots linked to the AstraZeneca and J&J vaccines hitting public confidence in Africa. The Democratic Republic of Congo sent 1.3m unwanted doses to countries including Togo and Senegal before they expired in late June, while Malawi destroyed 20,000 unused shots last month as hesitancy hit rollout. “There were some assumptions in the public health community that this is such a bad pandemic... that this will change people’s minds if they were ever hesitant about vaccines,” Prof Heidi Larson, director of the Vaccine Confidence Project, told a Devex event. “Well, it hasn’t really – in fact, the groups and the questioning around vaccines and some of the anti sentiments have actually escalated.” There are also growing concerns that the AstraZeneca and J&J vaccines may be viewed as the “cheap relation” compared to the new mRNA vaccines produced by Pfizer and Moderna. Given the former make up the bulk of Covax’s supply and are far easier to distribute in the developing world, this is a substantial hurdle. “The AstraZeneca row has significantly impacted confidence – not just across Africa, but around the world,” says Dr Ayoade Alakija, co-chair of the Africa Union Vaccine Delivery Alliance. “But there is no choice here [to pick a different vaccine].” However, back in Kumasi, Mr Nyarko says it is supply rather than confidence that is currently undermining his district’s roll out. And with no clear picture on when more shots will arrive, he’s left with few options. “All we can do for now is pray that Ghana can secure another batch,” he says. “We are praying that the UK and Europe will help us.

### India

#### 4] No war: India’s NFU and Pakistan has no incentive- is emprically proven

**Herrera 19**, Jack. “Could the Conflict Between Pakistan and India Lead to Nuclear War?” Pacific Standard, 27 Feb. 2019, psmag.com/news/could-the-conflict-between-pakistan-and-india-lead-to-nuclear-war. SJCP//JG

Does that mean the current conflict between Pakistan and India could escalate into a nuclear confrontation? Commentators regard that possibility as unlikely. Pakistan first began developing nuclear weapons in response to its humiliating loss of territory in 1971. Thus far, the current conflict with India does not appear to be a land grab, which suggests Pakistan does not have reason to engage its nuclear option. "To be clear, escalating tensions to the point of nuclear conflict would be catastrophic for both India and Pakistan and would destabilize the entire region—an option unlikely to be taken by either New Delhi or Islamabad," Saheli Roy Choudhury wrote for [CNBC](https://www.cnbc.com/2019/02/27/india-pakistan-air-strike-claims-what-you-need-to-know.html) on Wednesday. History bolsters Choudhury's analysis. In 1999, Pakistan and India became the first nuclear powers ever to engage in direct war with each others' forces. On the ice of the Kargil Glacier, nestled nine miles above sea level between Himalayan peaks, Pakistani soldiers, initially disguised as a Kashmiri militants, exchanged fire with Indian soldiers. The high-altitude fighting only lasted two months before the two sides agreed to de-escalate.

#### INDIA’S HEALTH CARE FAILURES ARE SYSTEMIC. LACK OF HEALTH COVERAGE, INSUFFICIENT INVESTMENTS, HOSPITALS AND HEALTH CARE WORKERS PROVE THAT COVID IS A SYMPTOM NOT THE CAUSE. THERE ARE TOO MANY ALT CAUSES FOR THE AFF TO FIX

Dylan Scott (policy reporter, Vox), Pamposh Raina (New Delhi-based journalist), Makepeace Sitlhou (journalist based in Guwahati).8/19/21, The long road to India’s unparalleled pandemic catastrophe, VOX, https://www.vox.com/coronavirus-covid19/22628806/india-covid-19-cases-deaths-delta-variant

**Less than 40 percent of Indians have health coverage.** The country spends a smaller share of its GDP on health care than most of its economic peers. The country’s health outcomes, such as life expectancy and infant mortality, trail accordingly. **Indians pay a higher share of the country’s health care expenditures out of their own pockets.** Indian experts say this reality reflects the government’s failure to invest in a sustainable health system for the world’s largest democracy. As a result, **when Covid-19 hit, there were not enough hospitals,** particularly in the rural parts of the country. There were not enough doctors or nurses. **Overworked community health volunteers were stretched beyond their limits.** The system was so overloaded that some patients died before finding out the results of their Covid-19 test. The toll has been enormous: [The more than 430,000 official deaths](https://covid19.who.int/region/searo/country/in) from Covid-19 are believed to be a serious undercount. The actual number of deaths [may be as high as](https://www.reuters.com/world/india/indias-30093-new-covid-19-cases-are-lowest-daily-figure-4-mths-2021-07-20/) 3 million to 5 million. A recent antibody study suggested [more than half of India’s people](https://indianexpress.com/article/explained/explained-icmr-covid-fourth-serosurvey-findings-7413949/) have contracted Covid-19. India’s failures parallel those in other countries both rich and poor. **A decentralized health system dependent on private industry pushed much of the cost of medical care onto individuals and families, exposing deep disparities between the haves and have-nots** — a familiar narrative in the US. As in other developing economies, including Brazil and Colombia, systemic failures and insufficiencies resulted in overwhelmed hospitals and patients left to die without care. But in sheer magnitude, no Covid-19 catastrophe matches India’s. Indian leaders have known for years their health system needed improvement. Prime Minister **Narendra Modi**, who came to power with the BJP in 2014 on a Hindu nationalist platform, tried to reform it. In 2018, **his administration established a new health insurance program that would cover hospital services for more than one-third of Indians, targeted to lower-income groups. But that program has** [**struggled**](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3797792) **to meet its goals.** “Now a country that aspires to be a global leader is seeing people die because they can’t get oxygen,” Rama Baru, who studies India health policy at Jawaharlal Nehru University, told Vox. “I feel quite shocked. We’ve never had a time in our history when we lost our humanness.”

#### Current measures are effective and India is scaling up

**Masih 9-20** Niha Masih, 9-20-2021, "India to resume vaccine exports next month as covid pressure eases," Washington Post, <https://www.washingtonpost.com/world/2021/09/20/india-vaccine-exports/?fbclid=IwAR2bf9LBS0NKlUdHoO3VKxBC2JYE8w7rM2ggrY6UMhceBQ4Yxhm6DSulnCc>

NEW DELHI — **India’s health minister announced Monday that the country will restart vaccine exports beginning next month, giving a major boost to strained global vaccine supplies. India, the world’s largest vaccine manufacturer**, had been **expected to play a huge role in getting the shots to the rest of the world**, but then it halted all exports to deal with its own crushing coronavirus wave earlier this year. Health Minister Mansukh Mandaviya told reporters that vaccine production is likely to increase in the coming weeks. **After fulfilling the country’s domestic requirements, excess supplies will be exported next month under the Vaccine Maitri or Friendship program**, Mandaviya said. “We will help the world and fulfill our responsibility to Covax,” he said. Coronavirus has crushed India’s health system. Patients are on their own. New vaccines were also likely to be approved, he said, which would augment the supply. The minister said that the country’s vaccine production has more than doubled since April and was likely to quadruple to reach 300 million doses next month, reported New Delhi Television. It is not clear yet how many doses will be exported at first. In April, India had halted vaccine exports and donations to expand its own vaccine program amid a devastating second wave that at its peak registered more than 400,000 daily cases. **Now, cases have fallen to just around 30,000 a day and its vaccine drive has gathered momentum.** India’s announcement is expected to come as a relief for Covax, the international **vaccine distribution effort that had faced an immediate 90 million dose shortfall in April after exports were halted.** Health officials in India had called it a temporary restriction that would be resolved within weeks. Before the restrictions kicked in, India had donated or exported more than 65 million vaccine doses to dozens of countries. Covax had expected India’s Serum Institute — the world’s largest vaccine manufacturer — to supply a big chunk of its target of more than 1 billion doses to low-income countries by the end of 2021. Last week, Covax said it had delivered 250 million doses so far. Its supply forecast was 25 percent lower than what it had estimated in June. Even as India’s export halt disrupted the global supply chain, wealthy countries have come under fire for considering booster shots for their own, already vaccinated, populations. In a statement this month, the World Health Organization highlighted the gaping inequity. “Only 20% of people in low- and lower-middle-income countries have received a first dose of vaccine compared to 80% in high- and upper-middle-income countries.” India’s announcement comes days ahead of Prime Minister Narendra Modi’s visit to the United States where he is scheduled to meet the leaders of the Quad countries. The Washington Post reported last week that President Biden plans to call on world leaders to make new commitments to fight the pandemic, including a target to vaccinate 70 percent of the world within a year. While India’s vaccine drive had sputtered in earlier stages, it has gathered pace in recent months. **The Indian government has said it plans to immunize all adults by December, a tall order for the country of nearly 1.4 billion people**. This week, to mark Modi’s birthday, a record 25 million shots were administered in a day, according to the Health Ministry. **More than 60 percent of adults have received at least one dose of the vaccine so far and around 20 percent are fully vaccinated.**