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#### Neolib makes great power war inevitable – states need to expand for access to markets and resources, uneven development means the balance of power constantly shifts, and capitalism necessitates US imperialism to secure liberalization. The ROB is to vote for the team that best challenges capitalism.

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If the United States remains the command centre of global capitalism, a multiplicity of crises has been flashing up on its screens in the past few months. Let’s consider them in ascending order of importance from the perspective of US decision makers. First, there was Israel’s latest war on Gaza—not a crisis for Washington, more the kind of violent outburst through which a kind of equilibrium is re-established, but for growing numbers of people around the world an outrage and a crime. Secondly, there was the war—now halted by an uneasy ceasefire—between the pro-Western government in Kiev and Russian-backed forces in south eastern Ukraine. Thirdly, there is the US bombing campaign to halt the advance of the jihadi group that calls itself the Islamic State, but which we will continue to call ISIS, in Iraq and Syria. And, finally—not yet a crisis, but potentially the most serious conflict—there’s the increasingly intense interstate competition in East Asia in response to China’s growing power.1 One interesting thing about this list is that two of the items—the war in Ukraine and the rise of ISIS—wouldn’t have figured in anyone’s predictions at the beginning of 2014. **This is a sign of the volatility of the international situation, which is a consequence of power shifts among the leading capitalist states**. But it’s also quite frightening. Christopher Clark in his influential recent book on the outbreak of the First World War argues that, despite the polarisation of Europe into two rival power blocs, in the summer of 1914 “the danger of a conflict between the great alliance blocs seemed to be receding, just as the chain of events that would ultimately drag Europe into war got underway”.2 War can take even the greatest powers by surprise, as we can see now in Barack Obama’s reluctant redeployment of US military power in Iraq. But for many on the left internationally this reluctance is feigned. For them, the unifying theme in these different crises is the assertion of American power to maintain and even expand **Washington’s global domination, in the process pulverising states** such as Iraq, Syria and Ukraine. This diagnosis often dovetails into a revival of what was called “campism” during the Cold War—that is, political support for states that, because they resist the US geopolitically, are seen as in some sense progressive. The Ukraine war has, as Rob Ferguson discusses elsewhere in this issue, been accompanied by an outburst of campism, with the highly respected Russian Marxist Boris Kagarlitsky going so far as to claim about the Russian-backed forces in south eastern Ukraine: “What is happening in Novorossiya is a revolutionary movement, though it’s not yet a revolution in terms of social change”.3 In the Middle East campism takes the form of support for the alliance orchestrated by the Islamic Republican regime in Iran, including notably the regime of Bashar al-Assad in Syria and Hizbollah, the Shiite Islamist movement that dominates Lebanon. More generally, many on the left look to Russia and China as counterweights to the US. The problem with this complex of ideas is simultaneously factual, theoretical and political. We’ll return to the politics. Factually: the US has often harboured expansionist designs. This was true in broad terms after the Cold War, when successive administrations sought, by exporting neoliberalism and expanding NATO, to create a global order economically and politically dominated by the US.4 And, more specifically, the administration of George W Bush in the neocons’ heyday after 9/11 sought to seize Iraq in order to entrench US domination of the Middle East, topple hostile regimes in Syria and Iran, and spread bourgeois democracy neoliberal style to the Arab world.5 But the Middle East today is shaped above all by the failure of this vainglorious project and by the Arab revolutions and the reactionary attempts to crush them. The Obama administration is profoundly conscious of this. This doesn’t mean that it won’t inflict more evils on the region, or collude in them (for example through its support for Israel), but, as we will see in more detail below, its current aims are primarily defensive. Understanding imperialism today The problem is also theoretical. For much of the left imperialism is equated with US domination. But this is not how it was understood by the classical theorists of imperialism—and not because they were writing a hundred years ago, long before the onset of American hegemony. For them, imperialism had two crucial features. First of all, it **involved a system of geopolitical rivalries among the Great Powers**. As the Liberal J A Hobson (a major influence on Lenin) put it, “the novelty of recent imperialism regarded as a policy consists chiefly in its adoption by several nations. The notion of a number of competing empires is essentially modern”.6 **Secondly, the emergence of these rivalries was a consequence of a specific phase of capitalist development**, as Lenin underlines in his pamphlet Imperialism. **The concentration and centralisation of capital** that Marx identifies in Capital, Volume I **as one of the main tendencies arising from the capitalist accumulation process** **led** by the beginning of the 20th century **to the intersection of economic and geopolitical competition. Capitals**, increasingly large in scale and **operating internationally, came to depend on the support of their nation state to defend their interests**; equally, **to maintain themselves against their rivals, states had to promote the industrial capitalist economies that alone could provide complex modern weapons systems and the infrastructure of war**. The growing interdependence of states and capitals gave rise to the intensification of geopolitical rivalries that exploded into world war in August 1914 and that produced a second bout of carnage in 1939-45.7 So from a Marxist perspective, **modern imperialism is a system of intercapitalist competition and rivalry**. Lenin’s key contribution to the theory was the concept of uneven development. Capitalism doesn’t grow uniformly: some states and regions leap ahead; others lag behind. This unevenness defines the hierarchy of power in the world. But, crucially, **the uneven development of capitalism redistributes power among the leading states. This means that the balance of power is constantly shifting, creating** the circumstances of **new conflicts**. The key geopolitical development in the first half of the 20th century was the shift in relative power between Britain, hitherto the dominant capitalist state, **and the US and Germany; today another shift in relative power is taking place between the US and China**. Changes of this nature, Lenin insisted, make the peaceful transnational integration of capitals that Karl Kautsky called “ultra-imperialism” and Michael Hardt and Toni Negri have more recently named “Empire**” impossible: the redistribution of power among states undermines the deals that would be needed to make such integration work**.8

#### The affirmative is a futile compromise in the battlefield of capitalism. Even softening ip protections will not resolve contradictions and inequalities in society but only preserve laborers needed for the capitalist economy to function.

Rikowski 2006 (“A Marxist Analyhsis of the World Trade Organization’s Agreement on Trade-Related Aspects of Intellectual Property Rights.” By Ruthe Rikowski (Lecturer at London South Bank University. Senior Edoitor for Chandos Information Processional Series, and author of multiple books and journal articles.) Volume 4, Number 4 2006 of Policy Futures in Education. <https://journals.sagepub.com/doi/pdf/10.2304/pfie.2006.4.4.396>) 0:24

Fundamentally, it will be impossible to implement TRIPS in a way that will significantly benefit the developing world, because of the inherent inequalities and contradictions that are built into the very fabric of global capitalism itself. Furthermore, the drives of capital are infinite; it will never be satisfied. So, there will never come a point where it will be decided that the inequalities need to be lessened in any fundamental way. Instead, TRIPS, as a tool which aids the furtherance of global capitalism, is likely to increase the inequalities. Furthermore, inequalities and poverty will only ever be lessened (and largely on a temporary basis) when pressure is placed on those in positions of power. In regard to TRIPS this rests on putting pressure on the WTO through organisations such as the Third World Network and various NGOs in order to soften some of the most worrying of the implications of TRIPS for the poor and those in the developing world.

However, capitalism is a battlefield upon which various compromises are and can only ever be made, but it can never ultimately be for the benefit of the labourer and the poor. To change the situation on a permanent basis, we need to terminate capitalism and replace it with socialism and eventually with communism in my opinion.

#### **Pandemics like COVID are symptoms of capitalism that cannot be reformed away**

Eds. 8/20 [Eds., 8-1-2020, " COVID-19, capitalism and climate," MR Online, accessed 9-29-2020, https://mronline.org/2020/08/01/covid-19-capitalism-and-climate/?utm\_source=rss&amp;utm\_medium=rss&amp;utm\_campaign=covid-19-capitalism-and-climate] //YBKN

Because while COVID-19 is ravaging humanity planet-wide, it is merely a symptom of the real underlying disease of capitalism. The profit motive drives capitalists to dominate “the entire surface of the globe. It must nestle everywhere, settle everywhere, establish connexions everywhere.” Scientists have identified nine planetary boundaries for a livable planet: ozone depletion, biodiversity loss and extinctions, Chemical pollution, Climate Change, Ocean acidification, Freshwater consumption, Land system change, Nitrogen and phosphorus flows to the biosphere and oceans and Atmospheric aerosol loading. In a few hundred years of capitalist domination of the world, all nine have been or are in danger of being crossed. Geographer Jason Moore put it this way: “Capitalist production does not have an epidemiology so much as it is an epidemiology”. Fighting for reforms that can help people, preserve the environment and contribute to better outcomes is not optional. Socialists who help organize to win struggles from below in workplaces, schools and communities against the system build confidence in the ability of ordinary people to change the world, and aim to organize the movement. But ultimately, we can’t reform a system whose logic is to pursue every possible profitable enterprise, regardless of what it does to the health of animals and the natural environment or human beings. It is a system that will produce new killer pandemics along with the food we eat. It is a system that rewards the cutting down of the Amazon Rainforest, the earth’s lungs, to produce more meat that we don’t need. It is a system that will allow oil companies to extract every drop from the earth despite the fact that this will surely make the planet unliveable for humans and many other species. It is a system that controls, tortures and kills Black and Indigenous people and justifies it with racist mythologies to keep the profits going. The power to change the system lies with the working class, the overwhelming majority. But to lead a working class of millions we urgently need a revolutionary party comprised of the most class conscious elements linking the struggles against the system together and fighting for unity against racist, sexist, homophobic and transphobic divisions. The IS makes no pretense of being a mass party, but remains committed

#### Cap causes extinction – nuclear war, environmental destruction, and social inequality. The collapse will come by 2050 and cause extinction absent radical recalibration.

Streeck 16.(Wolfgang, Emeritus Director of the Max-Planck-Institute for the Study of Societies, Cologne, *How Will Capitalism End?: Essays on a Failing System*, p. 1-15)

Capitalism has always been an improbable social formation, full of conflicts and contradictions, therefore **permanently unstable** and in flux, and highly conditional on historically contingent and precarious supportive as well as constraining events and institutions. Capitalist society may be described in shorthand as a 'progressive' society in the sense of Adam Smith 1 and the enlightenment, a society that has coupled its 'progress' to the continuous and unlimited production and accumulation of productive capital, effected through a conversion, by means of the invisible hand of the market and the visible hand of the state, of the private vice of material greed into a public benefit.' Capitalism promises **infinite growth** of commodified material wealth in a finite world, by conjoining itself with modern science and technology, making capitalist society the first industrial society, and through unending expansion of free, in the sense of contestable, risky markets, on the coat-tails of a hegemonic carrier state and its market -opening policies both domestically and internationally. 3 As a version of industrial society, capitalist society is distinguished by the fact that its collective productive capital is accumulated in the hands of a minority of its members who enjoy the legal privilege, in the form of rights of private property, to dispose of such capital in any way they see fit, including letting it sit idle or transferring it abroad. One implication of this is that the vast majority of the members of a capitalist society must work under the direction, however mediated, of the private owners of the tools they need to provide for themselves, and on terms set by those owners in line with their desire to maximize the rate of increase of their capital. Motivating non-owners to do so- to work hard and diligently in the interest of the owners - requires artful devices - sticks and carrots of the most diverse sorts that are never certain to function - that have to be continuously reinvented as capitalist progress continuously renders them obsolescent. The tensions and contradictions within the capitalist political-economic configuration make for an ever-present possibility of structural breakdown and social crisis. Economic and social stability under modern capitalism must be secured on a background of systemic restlessness4 produced by competition and expansion, a difficult balancing act with a constantly uncertain outcome. Its success is contingent on, among other things, the timely appearance of a new technological paradigm or the development of social needs and values complementing changing requirements of continued economic growth. For example, for the vast majority of its members, a capitalist society must manage to convert their ever-present fear of being cut out of the productive process, because of economic or technological restructuring, into acceptance of the highly unequal distribution of wealth and power generated by the capitalist economy and a belief in the legitimacy of capitalism as a social order. For this, highly complicated and inevitably fragile institutional and ideological provisions arc necessary. The same holds true for the conversion of insecure workers - kept insecure to make them obedient workers - into confident consumers happily discharging their consumerist social obligations even in the face of the fundamental uncertainty oflabour markets and employment.' In light of the inherent instability of modern societies founded upon and dynamically shaped by a capitalist economy, it is small wonder that theories of capitalism, from the time the concept was first used in the early 1800s in Germany" and the mid-1800s in England/ were always also theories of crisis. This holds not just for Marx and Engels but also for writers like Ricardo, Mill, Sombart, Keynes, Hilferding, Polanyi and Schumpeter, all of whom expected one way or other to see the end of capitalism during their lifetime." What kind of crisis was expected to finish capitalism off differed with time and authors' theoretical priors; structuralist theories of death by overproduction or underconsumption, or by a tendency of the rate of profit to fall (Marx), coexisted with predictions of saturation of needs and markets (Keynes), of rising resistance to further commodification oflife and society (Polanyi), of exhaustion of new land and new labour available for colonization in a literal as well as figurative sense (Luxemburg), of technological stagnation (Kondratieff), financial-political organization of monopolistic corporations suspending liberal markets (Hilferding), bureaucratic suppression of entrepreneurialism aided by a worldwide trahison des clercs (Weber, Schumpeter, Hayek) etc., etc." While none of these theories came true as imagined, most of them were not entirely false either. In fact, the history of modern capitalism can be written as a succession of crises that capitalism survived only at the price of deep transformations of its economic and social institutions, saving it from bankruptcy in unforeseeable and often unintended ways. Seen this way, that the capitalist order still exists may well appear less impressive than that it existed so often on the brink of collapse and had continuously to change, frequently depending on contingent exogenous supports that it was unable to mobilize endogenously. The fact **that capitalism has**, until now, **managed to outlive all predictions of its impending death, need not mean that it will forever be able to do so**; there is no inductive proof here, and we cannot rule out the possibility that, **next time**, whatever cavalry capitalism may require for its rescue may fail to show up. A short recapitulation of the history of modern capitalism serves to illustrate this point. 10 Liberal capitalism in the nineteenth century was confronted by a revolutionary labour movement that needed to be politically tamed by a complex combination of repression and co-optation, including democratic power sharing and social reform. In the early twentieth century, capitalism was commandeered to serve national interests in international wars, thereby converting it into a public utility under the planning regimes of a new war economy, as private property and the invisible hand of the market seemed insufficient for the provision of the collective capacities countries needed to prevail in international hostilities. After the First World War, restoration of a liberal-capitalist economy failed to produce a viable social order and had to give way in large parts of the industrial world to either Communism or Fascism, while in the core countries of what was to become 'the West' liberal capitalism was gradually succeeded, in the aftermath of the Great Depression, by Keynesian, state-administered capitalism. Out of this grew the democratic welfare-state capitalism of the three post-war decades, with hindsight the only period in which economic growth and social and political stability, achieved through democracy, coexisted under capitalism, at least in the OECD world where capitalism came to be awarded the epithet, 'advanced'. In the 1970s, however, what had with hindsight been called the 'post-war settlement' of social-democratic capitalism began to disintegrate, gradually and imperceptibly at first but increasingly punctuated by successive, ever more severe crises of both the capitalist economy and the social and political institutions embedding, that is, supporting as well as containing it. This was the period of both intensifying crisis and deep transformation when 'late capitalism', as impressively described by Werner Sombart in the 1920s, 11 gave way to neoliberalism. Crisis Theory Redux Today, after the watershed of the financial crisis of 2008, critical and indeed crisis-theoretical reflection on the prospects of capitalism and its society is again en vogue. Does Capitalism Have a Future? is the title of a book published in 2013 by five outstanding social scientists: Immanuel Wallerstein, Randall Collins, Michael Mann, Georgi Derluguian and Craig Calhoun. Apart from the introduction and the conclusion, which are collectively authored, the contributors present their views in separate chapters, and this could not be otherwise since they differ widely. Still, all five share the conviction that, as they state in the introduction, 'something big looms on the horizon: a structural crisis much bigger than the recent Great Recession, which might in retrospect seem only a prologue to a period of deeper troubles and transformations: 12 On what is causing this crisis, however, and how it will end, there is substantial disagreement- which, with authors of this calibre, may be taken as a sign of the multiple uncertainties and possibilities inherent in the present condition of the capitalist political economy. To give an impression of how leading theorists may differ when trying to imagine the future of capitalism today, I will at some length review the prospects and predictions put forward in the book. A comparatively conventional crisis theory is probably the one offered by Wallerstein (pp. 9-35), who locates contemporary capitalism at the bottom of a Kondratieff cycle (Kondratieff B) with no prospect of a new (Kondratieff A) upturn. This is said to be due to a 'structural crisis' that began in the 1970s, as a result of which 'capitalists may no longer find capitalism rewarding'. Two broad causes are given, one a set of long-term trends 'ending the endless accumulation of capital', the other the demise, after the 'world revolution of 1968', of the 'dominance of centrist liberals of the geoculture' (p. 21 ). Structural trends include the exhaustion of virgin lands and the resulting necessity of environmental repair work, growing resource shortages, and the increasing need for public infrastructure. All of this costs money, and so does the pacification of a proliferating mass of discontented workers and the unemployed. Concerning global hegemony, Wallerstein points to what he considers the final decline of the U.S.-centred world order, in military and economic as well as ideological terms. Rising costs of doing business combine with global disorder to make restoration of a stable capitalist world system impossible. Instead Wallerstein foresees 'an ever-tighter gridlock of the system. Gridlock will in turn result in ever-wilder fluctuations, and will consequently make short-term predictions - both economic and political - ever more unreliable. And this in turn will aggravate ... popular fears and alienation. It is a negative cycle' (p. 32). For the near future Wallerstein expects a global political confrontation between defenders and opponents of the capitalist order, in his suggestive terms: between the forces of Davos and of Porto Alegre. Their final battle 'about the successor system' (p. 35) is currently fomenting. Its outcome, according to Wallerstein, is unpredictable, although 'we can feel sure that one side or the other will win out in the coming decades, and a new reasonably stable world-system (or set of world-systems) will be established: Much less pessimistic, or less optimistic from the perspective of those who would like to see capitalism dose down, is Craig Calhoun, who finds prospects of reform and renewal in what he, too, considers a deep and potentially final crisis (pp. 131-61). Calhoun assumes that there is still time for political intervention to save capitalism, as there was in the past, perhaps with the help of a 'sufficiently enlightened faction of capitalists' (p. 2). But he also believes 'a centralized socialist economy' to be possible, and even more so 'Chinese-style state capitalism': 'Markets can exist in the future even while specifically capitalist modes of property and finance have declined' (p. 3). Far more than Wallerstein, Calhoun is reluctant when it comes to prediction (for a summary of his view see pp. 158-61 ). His chapter offers a list of internal contradictions and possible external disruptions threatening the stability of capitalism, and points out a wide range of alternative outcomes. Like Wallerstein, Calhoun attributes particular significance to the international system, where he anticipates the emergence of a plurality of more or less capitalist political-economic regimes, with the attendant problems and pitfalls of coordination and competition. While he does not rule out a 'large-scale, more or less simultaneous collapse of capitalist markets ... not only bringing economic upheaval but also upending political and social institutions' (p. 161), Calhoun believes in the possibility of states, corporations and social movements re-establishing effective governance for a transformative renewal of capitalism. To quote, The capitalist order is a very large-scale, highly complex system. The events of the last forty years have deeply disrupted the institutions that kept capitalism relatively well organized through the postwar period. Efforts to repair or replace these will change the system, just as new technologies and new business and financial practices may. Even a successful renewal of capitalism will transform it ... The question is whether change will be adequate to manage systemic risks and fend off external threats. And if not, will there be widespread devastation before a new order emerges? (p. 161) Even more agnostic on the future of capitalism is Michael Mann ('The End May Be Nigh, But for Whom?: pp. 71-97). Mann begins by reminding his readers that in his 'general model of human society', he does 'not conceive of societies as systems but as multiple, overlapping networks of interaction, of which four networks - ideological, economic, military and political power relations - are the most important. Geopolitical relations can be added to the four .. : Mann continues: Each of these four or five sources of power may have an internal logic or tendency of development, so that it might be possible, for example, to identify tendencies toward equilibrium, cycles, or contradictions within capitalism, just as one might identify comparable tendencies within the other sources of social power. (p. 72) Interactions between the networks, Mann points out, are frequent but not systematic, meaning that 'once we admit the importance of such interactions we are into a more complex and uncertain world in which the development of capitalism, for example, is also influenced by ideologies, wars and states' (p. 73). Mann adds to this the possibility of uneven development across geographical space and the likelihood of irrational behaviour interfering with rational calculations of interest, even of the interest in survival. To demonstrate the importance of contingent events and of cycles other than those envisaged in the Wallerstein-Kondratieff model of history, Mann discusses the Great Depression of the 1930s and the Great Recession of 2008. He then proceeds to demonstrate how his approach speaks to the future, first of U.S. hegemony and second of 'capitalist markets'. As to the former, Mann (pp. 83-4) offers the standard list of American weaknesses, both domestic and international, from economic decline to political anomy to an increasingly less effective military- weaknesses that 'might bring America down' although 'we cannot know for sure: Even if U.S. hegemony were to end, however, 'this need not cause a systemic crisis of capitalism'. What may instead happen is a shift of economic power 'from the old West to the successfully developing Rest of the world, including most of Asia. This would result in a sharing of economic power between the United States, the European Union and (some of) the BRICS, as a consequence of which 'the capitalism of the medium term is likely to be more statist' (p. 86). Concerning 'capitalist markets' (pp. 86-7), Mann believes, pace Wallerstein, that there is still enough new land to conquer and enough demand to discover and invent, to allow for both extensive and intensive growth. Also, technological fixes may appear any time for all sorts of problems, and in any case it is the working class and revolutionary socialism, much more than capitalism, for which 'the end is nigh: In fact, if growth rates were to fall as predicted by some, the outcome might be a stable low-growth capitalism, with considerable ecological benefits. In this scenario, 'the future of the left is likely to be at most reformist social democracy or liberalism. Employers and workers will continue to struggle over the mundane injustices of capitalist employment [ ... ] and their likely outcome will be compromise and reform .. .' Still, Mann ends on a considerably less sanguine note, naming two big crises that he considers possible, and one of them probable - crises in which capitalism would go under although they would not be crises of capitalism, or of capitalism alone, since capitalism would only perish as a result of **the destruction of all human civilization**. One such scenario would be **nuclear war**, started by collective human irrationality, the other an ecological catastrophe resulting from 'escalating **climate change'**. In the latter case (pp. 93ff.), capitalism figures - together with the nation state and with 'citizen rights', defined as entitlements to unlimited consumption - as one of three 'triumphs of the modern period' that happen to be ecologically unsustainable. 'All three triumphs would have to be challenged for the sake of a rather abstract future, which is a very tall order, perhaps not achievable' (p. 95). While related to capitalism, ecological disaster would spring from 'a causal chain bigger than capitalism' (p. 97). However, 'policy decisions matter considerably', and 'humanity is in principle free to choose between better or worse future scenarios- and so ultimately the future is unpredictable' (p. 97). The most straightforward theory of capitalist crisis in the book is offered by Randall Collins (pp. 37-69) - a theory he correctly characterizes as a 'stripped-down version of (a] fundamental insight that Marx and Engels had formulated already in the 1840s' (p. 38). That insight, as adapted by Collins, is that capitalism is subject to 'a long-term structural weakness: namely 'the technological displacement of labor by machinery' (p. 37). Collins is entirely unapologetic for his strictly structuralist approach, even more structuralist than Wallerstein's, as well as his mono-factorial technological determinism. In fact, he is convinced that 'technological displacement of labor' will have finished capitalism, with or without revolutionary violence, **by the middle of this century** - earlier than it would be brought down by the, in principle, equally destructive and definitive ecological crisis, and more reliably than by comparatively difficult-to-predict financial bubbles. 'Stripped-down' Collins's late-Marxist structuralism is, among other things, because unlike Marx in his corresponding theorem of a secular decline of the rate of profit, Collins fails to hedge his prediction with a list of countervailing factors,' 3 as he believes capitalism to have run out of whatever saving graces may in the past have retarded its demise. Collins does allow for Mann's and Calhoun's non-Marxist, 'Weberian' influences on the course of history, but only as secondary forces modifying the way the fundamental structural trend that drives the history of capitalism from below will work itself out. Global unevenness of development, dimensions of conflict that are not capitalism-related, war and ecological pressures may or may not accelerate the crisis of the capitalist labour market and employment system; they cannot, however, suspend or avert it. What exactly does this crisis consist of? While labour has gradually been replaced by technology for the past two hundred years, with the rise of information technology and, in the very near future, artificial intelligence, that process is currently reaching its apogee, in at least two respects: first, it has vastly accelerated, and second, having in the second half of the twentieth century destroyed the manual working class, it is now attacking and about to destroy the middle class as well - in other words, the new petty bourgeoisie that is the very carrier of the neocapitalist and neoliberal lifestyle of 'hard work and hard play', of careerism-cum-consumerism, which, as will be discussed infra, may indeed be considered the indispensable cultural foundation of contemporary capitalism's society. What Collins sees coming is a rapid educational work by machinery intelligent enough even to design and create new, more advanced machinery. Electronicization will do to the middle class what mechanization has done to the working class, and it will do it much faster. The result will be **unemployment in the order of 50 to 70 per cent** by the middle of the century, hitting those who had hoped, by way of expensive education and disciplined job performance (in return for stagnant or declining wages), to escape the threat of redundancy attendant on the working classes. The benefits, meanwhile, will go to 'a tiny capitalist class of robot owners' who will become immeasurably rich. The drawback for them is, however, that they will increasingly find that their product 'cannot be sold because too few persons have enough income to buy it. Extrapolating this underlying tendency', Collins writes, 'Marx and Engels predicted the downfall of capitalism and its replacement with socialism' (p. 39), and this is what Collins also predicts. Collins's theory is most original where he undertakes to explain why technological displacement is only now about to finish capitalism when it had not succeeded in doing so in the past. Following in Marx's footsteps, he lists five 'escapes' that have hitherto saved capitalism from self-destruction, and then proceeds to show why they won't save it any more. They include the growth of new jobs and entire sectors compensating for employment losses caused by technological progress (employment in artificial intelligence will be miniscule, especially once robots begin to design and build other robots); the expansion of markets (which this time will primarily be labour markets in middle-class occupations, globally unified by information technology, enabling global competition among educated job seekers); the growth of finance, both as a source of income ('speculation') and as an industry (which cannot possibly balance the loss of employment caused by new technology, and of income caused by unemployment, also because computerization will make workers in large segments of the financial industry redundant); government employment replacing employment in the private sector (improbable because of the fiscal crisis of the state, and in any case requiring ultimately 'a revolutionary overturn of the property system' [p. 51]); and the use of education as a buffer to keep labour out of employment, making it a form of 'hidden Keynesian ism' while resulting in 'credential inflation' and 'grade inflation' (which for Collins is the path most probably taken, although ultimately it will prove equally futile as the others, as a result of demoralization within educational institutions and problems of financing, both public and private). **All five escapes closed**, there is no way society can prevent capitalism from causing accelerated displacement of labour and the attendant stark economic and social inequalities. Some sort of **socialism**, so Collins concludes, **will finally have to take capitalism's place**. What precisely it will look like, and what will come after socialism or with it, Collins leaves open, and he is equally agnostic on the exact mode of the transition. Revolutionary the change will be - but **whether it will be a violent social revolution** that will end capitalism or a **peaceful institutional revolution accomplished under political leadership** cannot be known beforehand. Heavy taxation of the super-rich for extended public employment or a guaranteed basic income for everyone, with equal distribution and strict rationing of very limited working hours by more or less dictatorial means a la Keynes' 4 - we are free to speculate on this as Collins's 'stripped-down Marxism' does not generate predictions as to what kind of society will emerge once capitalism will have run its course. **Only one thing is certain: that capitalism will end, and much sooner than one may have thought**. Something of an outlier in the book's suite of chapters is the contribution by Georgi Derluguian, who gives a fascinating inside account of the decline and eventual demise of Communism, in particular Soviet Communism (pp. 99-129). The chapter is of interest because of its speculations on the differences from and the potential parallels with a potential end of capitalism. As to the differences, Derluguian makes much of the fact that Soviet Communism was from early on embedded in the 'hostile geopolitics' (p. 110) of a 'capitalist world-system' ( 111). This linked its fate inseparably to that of the Soviet Union as an economically and strategically overextended multinational state. That state turned out to be unsustainable in the longer term, especially after the end of Stalinist despotism. By then the peculiar class structure of Soviet Communism gave rise to a domestic social compromise that, much unlike American capitalism, included political inertia and economic stagnation. The result was pervasive discontent on the part of a new generation of cultural, technocratic and scientific elites socialized in the revolutionary era of the late 1960s. Also, over-centralization made the state-based political economy of Soviet Communism vulnerable to regional and ethnic separatism, while the global capitalism surrounding it provided resentful opponents as well as opportunistic apparatchiks with a template of a preferable order, one in which the latter could ultimately establish themselves as self-made capitalist oligarchs. Contemporary capitalism, of course, is much less dependent on the geopolitical good fortunes of a single imperial state, although the role of the United States in this respect must not be underestimated. More importantly, capitalism is not exposed to pressure from an alternative political-economic model, assuming that Islamic economic doctrine will for a foreseeable future remain less than attractive even and precisely to Islamic elites (who are deeply integrated in the capitalist global economy). Where the two systems may, however, come to resemble each other is in their internal political disorder engendered by institutional and economic decline. When the Soviet Union lost its 'state integrity', Derluguian writes, this 'undermined all modern institutions and therefore disabled collective action at practically any level above family and crony networks. This condition became self-perpetuating' (p. 122). One consequence was that the ruling bureaucracies reacted 'with more panic than outright violence' when confronted by 'mass civic mobilizations like the 1968 Prague Spring and the Soviet perestroika at its height in 1989', while at the same time 'the insurgent movements ... failed to exploit the momentous disorganization in the ranks of dominant classes' (p. 129). For different reasons and under different circumstances, a similar weakness of collective agency, due to de-institutionalization and creating comparable uncertainty among both champions and challengers of the old order, might shape a future transition from capitalism to post-capitalism, pitting against each other fragmented social movements on the one hand and disoriented political-economic elites on the other. My own view builds on all five contributors but differs from each of them. I take the diversity of theories on what all agree is a severe crisis of capitalism and capitalist society as an indication of contemporary capitalism having entered a period of deep indeterminacy - a period in which unexpected things can happen any time and knowledgeable observers can legitimately disagree on what will happen, due to long-valid causal relations having become historically obsolete. In other words, I interpret the coexistence of a shared sense of crisis with diverging concepts of the nature of that crisis as an indication that **traditional economic** and sociological **theories have today lost much of their predictive power**. As I will point out in more detail, below, I see this as a result, but also as a cause, of a destruction of collective agency in the course of capitalist development, equally affecting Wallerstein's Davos and Porto Alegre people and resulting in a social context beset with unintended and unanticipated consequences of purposive, but in its effects increasingly unpredictable, social action. '5 Moreover, rather than picking one of the various scenarios of the crisis and privilege it over the others, I suggest that they all, or most of them, may be aggregated into a diagnosis of **multi-morbidity** in which **different disorders coexist and**, more often than not, **reinforce each other**. Capitalism, as pointed out at the beginning, was always a fragile and improbable order and for its survival depended on ongoing repair work. Today, however, **too many frailties have become simultaneously acute** while **too many remedies have been exhausted** or destroyed. **The end of capitalism** can then be imagined as a **death from a thousand cuts**, or from a multiplicity of infirmities each of which will be all the more untreatable as all will demand treatment at the same time. As will become apparent, **I do not believe that any of the potentially stabilizing forces** mentioned by Mann and Calhoun, be it regime pluralism, regional diversity and uneven development, political reform, or independent crisis cycles, **will be strong enough to neutralize** the syndrome of **accumulated weaknesses** that characterize contemporary capitalism. No effective opposition being left, and no practicable successor model waiting in the wings of history, capitalism's accumulation of defects, alongside its accumulation of capital, may be seen, with Collins, '6 as an **entirely endogenous dynamic of self-destruction**, following an evolutionary logic moulded in its expression but not suspended by contingent and coincidental events, along a historical trajectory from early liberal via state-administered to neoliberal capitalism, which culminated for the time being in the financial crisis of 2008 and its aftermath. For the decline of capitalism to continue, that is to say, no revolutionary alternative is required, and certainly no masterplan of a better society displacing capitalism. Contemporary capitalism is vanishing on its own, **collapsing from internal contradictions**, and not least as a result of having vanquished its enemies - who, as noted, have often rescued capitalism from itself by forcing it to assume a new form. What comes after capitalism in its final crisis, now under way, is, I suggest, not socialism or some other defined social order, but a lasting interregnum - no new world system equilibrium ala Wallerstein, but a prolonged period of social entropy, or disorder (and precisely for this reason a period of uncertainty and indeterminacy). It is an interesting problem for sociological theory whether and how a society can turn for a significant length of time into less than a society, a post-social society as it were, or a society lite, until it may or may not recover and again become a society in the full meaning of the term. ' 7 I suggest that one can attain a conceptual fix on this by drawing liberally on a famous article by David Lockwood'' to distinguish between system integration and social integration, or integration at the macro and micro levels of society. An interregnum would then be defined as a breakdown of system integration at the macro level, depriving individuals at the micro level of institutional structuring and collective support, and shifting the burden of ordering social life, of providing it with a modicum of security and stability, to individuals themselves and such social arrangements as they can create on their own. A society in interregnum, in other words, would be a de-institutionalized or under-institutionalized society, one in which expectations can be stabilized only for a short time by local improvisation, and which for this very reason is essentially ungovernable. Contemporary capitalism, then, would appear to be a society whose system integration is critically and irremediably weakened, so that the continuation of capital accumulation - for an intermediate period of uncertain duration - becomes solely dependent on the opportunism of collectively incapacitated individualized individuals, as they struggle to protect themselves from looming accidents and structural pressures on their social and economic status. Undergoverned and undermanaged, the social world of the post-capitalist interregnum, in the wake of neoliberal capitalism having cleared away states, governments, borders, trade unions and other moderating forces, can at any time be hit by disaster; for example, **bubbles imploding** or **violence penetrating from a collapsing periphery into the centre**. With individuals deprived of collective defences and left to their own devices, what remains of a social order hinges on the motivation of individuals to cooperate with other individuals on an ad hoc basis, driven by fear and greed and by elementary interests in individual survival. Society having lost the ability to provide its members with effective protection and proven templates for social action and social existence, individuals have only themselves to rely on while social order depends on the weakest possible mode of social integration, Zweckrationalitiit. As pointed out in Chapter 1 of this book, and partly elaborated in the rest of this introduction, I anchor this condition in a variety of interrelated developments, such as **declining growth** intensifying **distributional conflict**; the rising **inequality** that results from this; **vanishing macroeconomic manageability**, as manifested in, among other things, steadily growing indebtedness, a pumped-up money supply; and the ever-present possibility of another **economic breakdown**;'9 the suspension of post-war capitalism's engine of social progress, democracy, and the associated rise of **oligarchic rule**; the **dwindling capacity of governments** and the systemic inability of governance to limit the commodification of labour, nature and money; the omnipresence of **corruption** of all sorts, in response to intensified competition in winner-take-all markets with unlimited opportunities for self-enrichment; the erosion of public infrastructures and collective benefits in the course of commodification and privatization; the **failure** after 1989 of capitalism's host nation, the United States, to build and maintain a **stable global order**; etc., etc. These and other developments, I suggest, have resulted in widespread cynicism governing economic life, for a long time if not **forever ruling out a recovery of normative legitimacy for capitalism** as a just society offering equal opportunities for individual progress- a legitimacy that capitalism would need to draw on in critical moments - and founding social integration on collective resignation as the last remaining pillar of the capitalist social order, or disorder. 20

#### The alternative is to affirm the Communist party using dual power strategies. This debate is a question of the speed, scope, and scale of revolutionary strategy. Only dual power organizing builds institutions that meet the material needs of community, building a revolutionary base in the face of compounding crises of climate change, imperialism, and fascism.

Escalante, 19 [Alyson Escalante, Marxism, Radical Feminism, Continental Philosophy, 3-26-2019, "Communism and Climate Change: A Dual Power Approach," Regeneration Magazine, accessed 9-17-2021, https://regenerationmag.org/communism-and-climate-change-a-dual-power-approach/] //AD

I have previously argued that a crucial advantage to dual power strategy is that it gives the masses an infrastructure of socialist institutions which can directly provide for material needs in times of capitalist crisis. Socialist agricultural and food distribution programs can take ground that the capitalist state cedes by simultaneously meeting the needs of the masses while proving that socialist self-management and political institutions can function independently of capitalism. This approach is not only capable of literally saving lives in the case of crisis, but of demonstrating the possibility of a revolutionary project which seeks to destroy rather than reform capitalism. One of the most pressing of the various crises which humanity faces today is climate change. Capitalist production has devastated the planet, and everyday we discover that the small window of time for avoiding its most disastrous effects is shorter than previously understood. The Intergovernmental Panel on Climate Change predicts that we have 12 years to limit (not even prevent) the more catastrophic effects of climate change. The simple, and horrific, fact that we all must face is that climate change has reached a point where many of its effects are inevitable, and we are now in a **post-brink world**, where damage control is the primary concern. The question is not whether we can escape a future of climate change, but whether we can survive it. Socialist strategy must adapt accordingly. In the face of this crisis, the democratic socialists and social democrats in the United States have largely settled on market based reforms. The Green New Deal, championed by Alexandria Ocasio Cortez and the left wing of the Democratic Party, remains a thoroughly capitalist solution to a capitalist problem. The proposal does nothing to challenge capitalism itself, but rather seeks to subsidize market solutions to reorient the US energy infrastructure towards renewable energy production, to develop less energy consuming transportation, and the development of public investment towards these ends. **The plan does nothing to call into question the profit incentives and endless resource consumption of capitalism which led us to this point**. Rather, it seeks to reorient the relentless market forces of capitalism towards slightly less destructive technological developments. While the plan would lead to a massive investment in the manufacturing and deployment of solar energy infrastructure, National Geographic reports that, “Fabricating [solar] panels **requires caustic chemicals** such as sodium hydroxide and hydrofluoric acid, and **the process uses water as well as electricity**, the production of which **emits greenhouse gases**.” Technology alone cannot sufficiently combat this crisis, as the production of such technology through capitalist manufacturing infrastructure **only perpetuates environmental harm**. Furthermore, subsidizing and incentivizing renewable energy stops far short of actually combating the fossil fuel industry driving the current climate crisis. The technocratic market solutions offered in the Green New Deal fail to adequately combat the driving factors of climate change. What is worse, they rely on a violent imperialist global system in order to produce their technological solutions. The development of high-tech energy infrastructure and the development of low or zero emission transportation requires the import of raw material and rare earth minerals which the United States can only access because of the imperial division of the Global South. This imperial division of the world requires constant militarism from the imperial core nations, and as Lenin demonstrates in Imperialism: The Highest Stage of Capitalism, facilitates **constant warfare** as imperial states compete for **spheres of influence** in order to facilitate cheap resource extraction. The US military, one of many imperialist forces, is the single largest user of petroleum, and one of its main functions is to ensure oil access for the United States. Without challenging this imperialist division of the world and the role of the United States military in upholding it, the Green New Deal fails even further to challenge the underlying causes of climate change. Even with the failed promises of the Green New Deal itself, it is unlikely that this tepid market proposal will pass at all. Nancy Pelosi and other lead Democrats have largely condemned it and consider it “impractical” and “unfeasible.” This dismissal is crucial because it reveals the total inability of capitalism to resolve this crisis. If the center-left party in the heart of the imperial core sees even milquetoast capitalist reforms as a step too far, we ought to have very little hope that a reformist solution will present itself within the ever shrinking 12 year time frame. There are times for delicacy and there are times for bluntness, and we are in the latter. To put things bluntly: the capitalists are not going to save us, and if we don’t find a way to save ourselves, the collapse of human civilization is a real possibility. The pressing question we now face is: **how are we going to save ourselves?** Revolution and Dual Power If capitalism will not be able to resolve the current encroaching climate crisis, we must find a way to organize outside the confines of capitalist institutions, towards the end of overthrowing capitalism. If the Democratic Socialists of America backed candidates cannot offer real anti-capitalist solutions through the capitalist state, we should be skeptical of the possibility for any socialist organization doing so. The DSA is far larger and far more well funded than any of the other socialist organizations in the United States, and they have failed to produce anything more revolutionary than the Green New Deal. We have to abandon the idea that electoral strategy will be sufficient to resolve the underlying causes of this crisis within 12 years. While many radicals call for revolution instead of reform, the reformists often raise the same response: revolution is well and good, but what are you going to do in the mean time? In many ways this question is fair. The socialist left in the United States today is not ready for revolutionary action, and a mass base does not exist to back the various organizations which might undertake such a struggle. Revolutionaries must concede that we have much work to be done before a revolutionary strategy can be enacted. This is a hard truth, but it is true. Much of the left has sought to ignore this truth by embracing adventurism and violent protest theatrics, in the vain hope of sparking revolutionary momentum which does not currently exist. If this is the core strategy of the socialist left, **we will accomplish nothing in the next 12 years**. Such approaches are as useless as the opportunist reforms pushed by the social democrats. Our task in these 12 years is not simply to arm ourselves and hope that magically the masses will wake up prepared for revolution and willing to put their trust in our small ideological cadres. We must instead, build a movement, and with it we must build infrastructure which can survive revolution and provide a framework for socialist development. Dual power is tooled towards this project best. The Marxist Center network has done an impressive amount of work developing socialist institutions across the US, largely through tenants organizing and serve the people programs. The left wing factions within the DSA itself have also begun to develop mutual aid programs that could be useful for dual power strategy. At the same time, mutual aid is not enough. We cannot simply build these institutions as a reform to make capitalism more survivable. Rather, we must make these institutions part of a broader revolutionary movement and they ought to function as a material prefiguration to a socialist society and economy. The institutions we build as dual power outside the capitalist state today ought to be structured towards revolutionary ends, such that they will someday function as the early institutions of a revolutionary socialist society. To accomplish this goal, we cannot simply declare these institutions to be revolutionary. Rather they have to be linked together through an actual revolutionary movement working towards revolutionary ends. This means that dual power institutions cannot exist as ends in and of themselves, nor can abstract notions of mutual aid cannot be conceptualized as an end in itself. The explicit purpose of these institutions has to be to radicalize the masses through meeting their needs, and providing an infrastructure for a socialist movement to meet the needs of its members and the communities in which it operates. Revolutionary institutions that can provide food, housing, and other needs for a revolutionary movement will be crucial for building a base among the masses and for constructing the beginnings of a socialist infrastructure for when we eventually engage in revolutionary struggle.

# Case

## Adv 1 – credibility

#### WTO solves nuke war wrong – they’ve had since 2009 to stop so many wars but they haven’t – it just won’t happen

#### Trade promotes economic competition---makes war net more likely

J. Tyson Chatagnier 15, Postdoctoral Scholar in the Department of Political Science at Vanderbilt University, “From Economic Competition to Military Combat: Export Similarity and International Conflict,” *Journal of Conflict Resolution*, 11/17/15, Sage Journals

International trade has long been thought to facilitate peace among nations (Kant [1795] 1970). A voluntary exchange of goods that leaves both parties better off inherently raises the value of each side to the other, increasing the cost of conflict. The belief that economic interaction can ignite a positive dynamic of cooperation and reduce conflictual behavior is so intuitive and widespread that some political pundits have even heralded free trade as the path to world peace (see, e.g., Griswold 1998; Boudreaux 2006).The conventional wisdom within the international relations literature (e.g., Oneal and Russett 1997; Gartzke, Li, and Boehmer 2003; Polachek and Xiang 2010) reinforces these claims, having found consistent empirical (and theoretical) links between trade and peace.

At the same time, however, there is certainly evidence that trade can exacerbate rivalry and conflict between states. Throughout history, states have fought their competitors for advantage (i.e., access to inputs and markets) in the global marketplace. For instance, in his authoritative account of the Anglo-German rivalry before World War I, Kennedy (1980, 464) concludes that ‘‘the most profound cause [of the conflict], surely, was economic’’. More specifically, the cause was ‘‘the detectable increase in Anglo-German trade rivalry since Bismarck’s time as the latter country steadily became more competitive.’’ Moreover, while modern empirical international relations research has largely come down on the side of the neoliberals, it has not been monolithic. Indeed, numerous studies by Barbieri (1996, 2002) have demonstrated that increased trade actually has the potential to aggravate tensions between states.

These inconsistencies in both the historical and analytical records raise questions about the simplicity of the link between trade and conflict. Additionally, the vast majority of previous work considers only the bilateral effects of trade, neglecting the way in which trade between two actors can affect a third. We remedy this oversight by analyzing the effects of trade competition, arguing that the tension produced by export competition can be an important source of international conflict. More specifically, we highlight that economic actors who face foreign competition have an incentive to use military power to gain an advantage in international markets. These domestic actors can use their economic power to influence their nation’s political elites and increase the likelihood that economic conflict erupts into war. We support this theoretical argument with several well-established historical cases including the seventeenth-century Dutch-English commercial rivalry, the pre-World War I Anglo-German rivalry, and the 1990 invasion of Kuwait by Iraq. Our argument suggests that, although trade can have a pacifying direct effect at the dyadic level, it also has strong indirect effects, which can be conflict aggravating.

We test this argument using commodity-level trade data from 1962 to 2000. We measure each country pair’s portfolio similarity along nearly 1,300 commodity categories and test the effect of this variable on several indicators of international conflict. Our results strongly support our claim that countries that produce and export similar goods are significantly more likely to fight, even taking into account their bilateral trade. These findings are robust to several checks on model specification as well as alternative explanations. We also show that our findings are not driven by oil or other strategic resources and that they hold for both raw and manufactured goods. In light of these results, we are confident that we have identified a significant and practically important cause of war.

#### Capitalist peace theory is wrong – unequal trade creates conflict, and growth promotes military development.

**Levy & Thompson ’10** (Jack S & William R; Levy is Board of Governors' Professor of Political Science at Rutgers University, former president of the International Studies Association, Affiliate at the Saltzman Institute of War and Peace Studies at Columbia University; Thompson is Distinguished Professor and the Donald A. Rogers Professor of Political Science at Indiana University; 2010; “The Dyadic Interactions of States”; *Causes of War*; pp. 72-75, published by Wiley-Blackwell)

Realist and rationalist critiques Realists, who share the economic nationalism and statist orientation of the old mercantilists, criticize the liberal economic theory of peace on a number of grounds. First of all, they argue (as do some non-realists) that even if it were true that trade has a pacifying effect, the magnitude of the impact of trade on decisions for war and peace is **small relative to** that of **military and diplomatic considerations** (Buzan, 1984 ; Levy, 1989b ). Realists, like mercantilists, argue that states are **motivated** primarily **by power** and that economic opportunity costs of war are **minor** in the context of the long-term struggle for power. Were the Western liberal democracies seriously concerned about the short-term loss of trade when they made decisions to go to war against the hegemonic threats posed by Germany in 1914 and again in 1939? Realists also argue that trade and other forms of economic interdependence can actually **increase the level of** militarized **conflict** rather than reduce it (Barbieri, 2002 ). As Rousseau (cited in Hoffmann, 1963 :319) argued, “…interdependence breeds not accommodation and harmony, but suspicion and incompatibility. ”Among other things, interdependence creates increased opportunities for conflict. The greater the interdependence between states, the greater the **number of things to argue about**. In addition, whereas liberals argue that economic interdependence creates mutual dependence and incentives to avoid war, realists argue that interdependence may also be **asymmetrical**. Each is dependent on the other, but the degree of dependence is **uneven**. The less dependent party may be tempted to use economic coercion to exploit the adversary’s vulnerabilities and influence its behavior relating to security as well as economic issues. 32 These can lead to **retaliatory actions, conflict spirals, and war.** 33 The temptation to exploit asymmetries of interdependence is enhanced by the realist view that political leaders are concerned with “relative gains” and that they aim to maximize their power **relative to** that of **their adversaries**. 34 Whereas liberals focus on absolute gains and ask how much states gain from trade, realists focus on relative gains and ask who gains more. Liberals are more interested in the size of the pie, while realists are more interested in who has the larger slice. With respect to economic gains, realists assume that a state can convert any disproportionate economic gains into military power (Huntington, 1993a). Realists argue that in relations between adversaries or rivals, political leaders on at least one side will fear that the adversary will gain more from trade and convert those gains into further economic gains, political influence, and military power. This leads realists to argue that leaders’ concerns about relative gains will lead to reductions in trade in **intense international rivalries** and to the termination of trade if war breaks out between trading partners (Gowa, 1994 ). Concerns about the effects of asymmetric interdependence (and even symmetrical interdependence) are also shared by many rational choice theorists. One analytic problem with the economic opportunity cost model is that its causal logic focuses only on the costs and benefits to individual states and ignores strategic bargaining between states. If states are mutually dependent and fear the economic opportunity costs of escalation and war, it is quite possible that both might make concessions to avoid war, as the opportunity cost model predicts. It is also possible, however, that one side might conclude that its adversary has more to fear from war and more to lose in terms of opportunity costs of war, and that the adversary can be coerced to make concessions to avoid war. This is particularly likely if interdependence is asymmetrical. One state might actually increase its demands during a crisis, and **engage in threats of force** to back those demands, something that is even more likely to occur if one side is more risk acceptant than the other. In a crisis between interdependent states, then, it is unclear whether states will make concessions to avoid the opportunity costs of war or whether they will attempt to exploit their adversary’s fear of war through increased coercion. Depending on the magnitude of the increased demands, war might be more rather than less likely under conditions of interdependence. In the absence of more information, the outcome is indeterminate (Morrow, 2003 :90). This line of argument leads some rational choice theorists to suggest another mechanism through which economic interdependence contributes to peace. The advantage of high levels of economic interdependence is that it provides states with a greater range of options for sending credible signals of their resolve in a dispute. Trade and financial instruments serve as additional mechanisms (economic sanctions, for example) through which states can emphasize their evaluation of the issues at stake and their determination to hold firm, but with less cost and risk of escalation (Morrow, 1999, 2003 ; Gartzke, Li, and Boehmer, 2001 ). Economic sanctions are costly to the initiator as well as to the target. Only states that are highly resolved will be willing to incur those costs, so cutting back on trade or financial flows helps a state to signal its resolve in a dispute. Other states understand this, and the result is to reduce uncertainty about adversary intentions and consequently to reduce the danger of a war through miscalculation. Economic signaling also avoids (or at least delays) the resort to military threats that might also induce compliance but that are also more likely to induce counter-threats and escalation. Realists also question the standard liberal assumption that trade is always more efficient than military coercion in expanding markets and investment opportunities and in promoting state wealth. Realists argue that for much of human history military force has been a useful instrument to **promote state wealth** as well as power. Many liberals concede this point, but argue that as the foundations of wealth and power have historically shifted from territory to industrialization and now to knowledge - based forms of production, the economic value of territorial conquest has diminished, at least for advanced industrial states. The greater the mobility of production and of capital, the less is the utility of war as a means for acquiring wealth (Hirschman, [1945]1980 ; Brooks, 2005 ). Strategies of enhancing wealth through conquest have been replaced by strategies of enhancing wealth through trade, finance, and other forms of economic exchange. This line of argument leads Rosecrance (1986) to argue that the military state has gradually given way to the trading state. 35

India Crisis over. They’re expected to resume exports this month.

Masih 9/20 (“India to resume vaccine exports next month as covid pressure eases” Niha Masil (India based correspondent for the washingtonpost) The Washington Post. Sept 20. 2021 https://www.washingtonpost.com/world/2021/09/20/india-vaccine-exports/)

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.

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.

#### WTO cred rides upon deal curbing overfishing – covid is less of an issue – post dates their ev

**Aljazeera 7/14** [Aljazeera, 7-14-2021, "WTO’s reputation rides on upcoming deal to curb overfishing," No Publication, accessed 10-9-2021, https://www.aljazeera.com/economy/2021/7/14/wtos-reputation-rides-on-upcoming-deal-to-curb-overfishing] //kn

Negotiators are hoping the World Trade Organization will on Thursday not only deal a major blow to overfishing after 20 years of trying, but in doing so also dispel doubts about its own usefulness. The global trade watchdog, whose 164 members are also at loggerheads over how it should settle disputes, has not clinched a significant trade deal for years, and analysts say it needs to land one this year to maintain its credibility The prize could be a sharp reduction of the widespread fishing subsidies that are generally held to be the single biggest factor in depleting the world’s fish stocks. The WTO says it is “on the cusp” of a deal; Director-General Ngozi Okonjo-Iweala said the ministerial meeting, being held virtually, “should kick us along the path towards agreement”, before a November session intended to seal the deal. Some delegates are privately more sceptical, saying there is still a gulf in views over the allocation of subsidies between wealthy members such as the European Union on one side and developing countries such as India on the other. “Many members feel that the larger subsidisers should make larger cuts to their subsidies, given the worldwide impact of their fishing, both historical and current, whereas many developing countries feel the rules should be different for them,” said Alice Tipping from the International Institute for Sustainable Development. A confidential proposal in May by African, Caribbean and Pacific countries, seen by Reuters news agency, seeks exemptions for members that take less than 2.5 percent of the global catch – which others say would undermine the whole deal. While China is the biggest single subsidiser, it accounts for only 21 percent of the $35.4bn that countries and trading blocs around the world, including the EU and Japan, spend propping up their fleets every year, according to a 2019 study by academics from universities and institutes in Canada, China and the United States. Meanwhile, sustainable fish stocks have plunged from 90 percent of the total in 1990 to below 66 percent in 2017, the UN Food and Agriculture Organization says. A 2018 study by American-, Canadian- and Australian-based researchers found that much fishing in international waters – the “high seas” – would be unprofitable without state handouts. “In the waters in countries from which fleets emanate, the stocks are devastated, so they have to go elsewhere and they compete with each other,” said Daniel Pauly, a fisheries biologist at the University of British Columbia in Canada, expressing particular concern about tuna. “This is a race to the bottom.” Tipping says the WTO is closer than ever to a deal – but that a draft text still has 84 places where there is no agreement yet. Negotiators say China could help by dropping its opposition to subsidies on the high seas, and the EU could likewise drop its opposition to fuel subsidies. Some also want Washington to budge, possibly by dropping its proposal on curbing forced labour – another cost-saving measure that spurs overfishing. “This is the last chance for a deal,” said Friends of Ocean Action’s Remi Parmentier. “If not, there’s an existential crisis at the WTO.”

#### Any articulation of no alt causes to cred is wrong – their card is from november 2020 – over a year ago, this means we’ve not only had vaccines distributed internationally but are much more out of the pandemic than that period

## Adv 2

### Scenario 1 – Indo-Pak

#### India Crisis over. They’re expected to resume exports this month. – post dates their uq by 4 months

Masih 9/20 (“India to resume vaccine exports next month as covid pressure eases” Niha Masil (India based correspondent for the washingtonpost) The Washington Post. Sept 20. 2021 https://www.washingtonpost.com/world/2021/09/20/india-vaccine-exports/)

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#### Indo-pak

#### Deterrence solves Indo-Pak war

David White 16, writer for Inter Press Service, citing Pakistan’s former president and army chief Pervez Musharraf, “Pakistan and India Unlikely to Move to All-out War: Musharraf,” 12/3/16, http://www.ipsnews.net/2016/12/pakistan-and-india-unlikely-to-move-to-all-out-war-musharraf/

High levels of both conventional and nuclear deterrence are likely to prevent the recent surge in clashes between India and Pakistan from escalating into all-out war, according to Pakistan’s former president and army chief Pervez Musharraf.

In an exclusive interview with IPS in London, Musharraf predicted that low-intensity conflict would continue in disputed border areas. But he did not share the belief of many Pakistanis that hostilities could slide into full-scale war between the two nuclear-armed countries.

“Any military commander knows the force levels being maintained by either side,” he said. “I don’t think war is a possibility because the lethality and accuracy of weapons has increased so much.”

Although Pakistan has reserved the right to make a nuclear first strike, he said it had sufficient controls to ensure that its nuclear weapons, including new short-range tactical missiles, were not used accidentally or stolen by terrorist groups. “They are in good hands, in secure hands.” he said.

“Thank God, the level of conventional deterrence that we have in terms of weapons and manpower is enough to deter conventional war. So therefore I’m reasonably sure that in case of a war it is the conventional side which will be played and we will not go on to the unconventional.”

#### b) their impact card talks about increase of groups attacking but it is context to the taliban which the US has already mishandled but nothing happened – the scenario is just wrong and mishighlighted –

### Scenario 2 - Africa

#### No impact

#### No Africa war and no impact to instability

Scott Straus 12, professor of politics at the University of Wisconsin, “Wars Do End! Changing Patterns of Political Violence in Sub-Saharan Africa,” afraf.oxfordjournals.org/content/early/2012/03/01/afraf.ads015.full

The principal finding is that in the twenty-first century both the volume and the character of civil wars have changed in significant ways.5 Civil wars are and have been the dominant form of warfare in Africa, but they have declined steeply in recent years, so that today there are half as many as in the 1990s. This change tracks global patterns of decline in warfare.6 While some students of African armed conflicts, such as Paul Williams, note the recent trend,7 it is fair to say that the change in the prevalence of civil wars is not recognized by most Africanists and generalists. Equally important but even less noted is that the character of warfare in Africa has changed. Today's wars are typically fought on the peripheries of states, and insurgents tend to be militarily weak and factionalized. The large wars that pitted major fighting forces against each other, in which insurgents threatened to capture a capital or to have enough power to secede, and in which insurgents held significant territory – from the Biafra secessionists in Nigeria, to UNITA in Angola, RENAMO in Mozambique, the TPLF in Ethiopia, the EPLF in Eritrea, the SPLM in Sudan, the NRM in Uganda and the RPF in Rwanda – are few and far between in contemporary sub-Saharan Africa. Somalia's Al-Shabab holds territory and represents a significant threat to the Somali federal transitional government, but given the 20-year void at the centre of Somalia the case is not representative. In April 2011, rebel forces in Côte d'Ivoire captured Abidjan, but they did so with external help and after incumbent Laurent Gbagbo, facing a phalanx of domestic, regional, and international opposition, tried to steal an election.8 More characteristic of the late 2000s and the early 2010s are the low-level insurgencies in Casamance (Senegal), the Ogaden (Ethiopia), the Caprivi strip (Namibia), northern Uganda (the Lord's Resistance Army), Cabinda (Angola), Nigeria (Boko Haram), Chad and the Central African Republic (various armed groups in the east), Sudan (Darfur), and South Sudan, as well as the insurgent-bandits in eastern Congo (a variety of armed actors, including Rwandan insurgents) and northern Mali (al-Qaeda in the Maghreb). Although these armed groups are in some cases capable of sowing terror and disruption, they tend to be small in size, internally divided, poorly structured and trained, and without access to heavy weapons.9 Several of today's rebel groups have strong transnational characteristics, that is, insurgents move fluidly between states. Few are at present a significant military threat to the governments they face or in a position to seize and hold large swaths of territory.

#### No internal link to nuclear war – there is no scenario in the card nor their evidence didn’t even have a line about nuclear weapons or extinction, especially from Africa – they didn’t read enough warrants about the i/l – you really can’t vote on it scott

## Solvency

#### 1 - Circumvention and they don’t solve – even if they say “durable fiat”, they have not defined the scope of the plan in the 1AC so you don’t know what the plan would materially look like

Mercurio 6/24 [Simon F.S. Li Professor of Law, The Chinese University of Hong Kong, Shatin, Hong Kong. June 24, 2021. “The IP Waiver for COVID-19: Bad Policy, Bad Precedent” <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/> Accessed 8/25 //gord0]

The role of intellectual property rights (IPRs) and access to medicines is contentious. On the one hand, IPRs encourage investment, innovation and the advancement of health science. On the other hand, the limited-term monopoly rights can result in artificially high prices and become a barrier to access to medicines. While the wisdom of the IPRs system has at times been tested, it has proven its value in the current COVID-19 pandemic as IPRs played a large role in the rapid (and unprecedented) development and availability of multiple vaccines. Despite the success, India and South Africa proposed that the World Trade Organization (WTO) waive IPRs under the Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS Agreement) in order to increase access to vaccines and other COVID-19-related technologies.[1](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn1) The proposal, tabled at a meeting of the TRIPS Council in October 2020, calls on Members to waive IPRs relating to and having an impact on the “prevention, containment or treatment of COVID-19”.[2](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn2) The proposal attracted support from the majority of developing country Members,[3](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn3) but was opposed by a handful of Members including the United States (US).[4](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn4) Given that consensus could not be reached within the deadline of 90 days as set out in Art. IX:3 of the Agreement Establishing the WTO, Members agreed to keep the waiver proposal on the agenda of the TRIPS Council in 2021.[5](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn5) On 5 May 2021, the US reversed its position and announced that it would support a waiver for COVID-19 vaccines.[6](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn6) To be clear, this does not mean that the US supported the waiver as proposed by India and South Africa. Instead, the US has simply agreed to negotiate the perimeters of a waiver. Others, including the European Union (EU), Canada, Australia, Norway, Switzerland, the United Kingdom (UK) and even leading developing countries such as Brazil, Chile and Mexico remain opposed or lukewarm on the waiver.[7](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn7) The US dropping opposition does not mean the concerns of other Members will simply disappear – one would hope that these nations opposed the waiver for valid reasons and did not simply blindly follow the US. Indeed, many of the above-listed Members remain unconvinced that even such a draconian step as a waiver of IPRs would accomplish the goal of increased vaccine production.[8](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn8) For its part, the EU continues to favour an approach which makes better use of existing flexibilities available in the TRIPS Agreement.[9](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn9) Thus, those expecting quick agreement on the waiver will be disappointed. Negotiations at the WTO are always difficult and lengthy, and US Trade Representative Katherine Tai acknowledged that the “negotiations will take time given the consensus-based nature of the institution and the complexity of the issues involved”.[10](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn10) Issues of negotiation will include the scope of the waiver. Whereas the original proposal and its amended form extend the waiver beyond patents and vaccines to include nearly all forms of IP (i.e. copyright,[11](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn11) industrial designs and trade secrets) as well as to all “health products and technologies including diagnostics, therapeutics, vaccines, medical devices, personal protective equipment, their materials or components, and their methods and means of manufacture for the prevention, treatment or containment of COVID-19”[12](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn12) (with no requirement on how or the extent to which they are related to or useful in combatting COVID-19), the US and others seem to support a waiver limited to patents and vaccines.[13](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn13) The length of the waiver will also be a contentious negotiating issue, with proponents seeking a virtual indefinite waiver lasting until the Membership agrees by consensus that it is no longer required – meaning even a single Member’s objection to ending the waiver would mean the waiver continues to remain in force[14](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn14) – as will the request that any action claimed to be taken under the waiver is outside the scope of the WTO’s dispute settlement mechanism.[15](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn15) These provisions will almost certainly be opposed by other Members, who would perhaps agree to a time-limited waiver which could be extended rather than an unchallengeable indefinite waiver which will be difficult to reverse. The proposal also fails to mention anything in relation to transparency and notification requirements and lacks safeguards against abuse or diversion. These points will likely also prove contentious in the negotiations. With so many initial divergences and as yet undiscussed issues, the negotiations at best could be completed by the time of the next WTO Ministerial Conference, scheduled to begin on 20 November 2021. There is precedent in this regard, as previous TRIPS negotiations involving IP and pharmaceuticals were not fully resolved until the days before the Ministerial Conferences (in 2003 and 2005).[16](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn16) There is also a chance that the negotiations will continue past the calendar year 2021. The chance for a swift negotiation diminished with the release of a revised proposal by India and South Africa on 22 May 2021. As mentioned above, the proposal contains no limit as to product coverage, scope, notification requirements or safeguards and proposes that the waiver will remain in effect for what could be an indefinite period. This was not a proposal designed to engender quick negotiations and a solution. Instead, the proposal perhaps reveals India’s and South Africa’s true intent to use the COVID-19 pandemic as an excuse to roll-back IPRs rather than a good-faith effort to rapidly increase access to lifesaving vaccines and treatments around the world. It is not only the length of time which is an issue but also the ultimate impact of the waiver. A waiver simply means that a WTO Member would not be in violation of its WTO obligations if it does not protect and enforce the COVID-19-related IPRs for the duration of the waiver. The waiver would thus allow Members to deviate from their international obligations but not obligate Members to suspend protection and enforcement of the IPRs. Members like the US who support the waiver may not implement the necessary domestic legislation to waive IPRs within the jurisdiction. It is questionable whether the US could even legally implement the waiver given that IPRs are a matter of constitutional law.[17](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn17) The US announcement remains meaningful, however, for two reasons. First, it signals a departure from the longstanding and bipartisan support for the pharmaceutical industry, which for decades has been instrumental in setting the IP and trade agenda.[18](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn18) Second, it sends a strong signal that the US does not oppose others from waiving patent protection for vaccines. This shift may also be part of a broader and alternative strategy to increase vaccine production and distribution, whereby the US is not viewing or supporting waiver negotiations as a legal tool but more so as a threat to encourage vaccine innovators to increase production. In essence, the desired reaction would be that the IP holders increase efforts to license, transfer technology and expand manufacturing – exactly what the world needs at this time. Alan Beattie, writing in the Financial Times, believes that even the proponents of the waiver desire this outcome: “having talked to the proponents, [the original proposal] was always a tactical position designed to start a debate, identify possible support and flush out opponents rather than a likely outcome. To that end, it seems to have worked rather well.”[19](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn19) India’s negotiator to the TRIPS Agreement and longtime WTO staffer, Jayashree Watal, agrees, stating the proposal is an “indirect attempt to put pressure on the original manufacturers to cooperate [and license production to companies in their countries]”.[20](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn20) This view makes sense, as the proponents (and their supporters) have not even pointed to one credible instance where IPRs have blocked the production of a COVID-19 vaccine. Moreover, it is well known that the leading vaccines using mRNA are difficult to reproduce and having the “blueprints” does not guarantee safe and effective production. Simply stated, if a pastry chef provides instructions on how to bake a cake, the cake they bake is still going to be better than cakes baked by novices using the exact same recipe. The know-how and trade secrets are the key ingredient to the manufacture of quality, safe and effective pharmaceuticals or vaccines, and not only is it not transferred through compulsory licenses but it is hard to imagine how any government would force the transfer of such information even under a waiver. For this reason, instead of encouraging production everywhere – including in locations where safety and efficacy standards are virtually nonexistent – and accepting that there will be a flood of substandard vaccines coming onto the world market (with devastating effects) it is much more sensible to find out where potential manufacturing capabilities exist and find ways to exploit them and scale them up. When asked if a waiver would improve vaccine availability and equity, Watal responded: “No. It won’t. That’s clear.”[21](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn21) I share Watal’s view and do not support a TRIPS waiver for IPRs or even a limited waiver for patents. With evidence mounting that “what the proposal … will definitely not achieve is speeding up the Covid-19 vaccination rate in India or other parts of the Global South”[22](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn22) I refuse to sacrifice academic integrity by supporting a proposal simply because it is gaining traction in some circles.[23](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn23) IPRs played a key role in delivering vaccines within a year of the discovery of a new pathogen; it seems inexplicable that the world would abandon the system without any evidence that IPRs are limiting during the current crisis.[24](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8223179/#Fn24) Moreover, innovators have been generous in licensing technology transfer and production and one would be hard-pressed to find credible reports of qualified generic producers being refused a license. This is not surprising, since multiple competing vaccines are on the market it simply does not make economic sense for innovators to refuse a license – the generic manufacturer would simply obtain a license (and market share) and pay royalties to a competitor. Instead, I support efforts to enable prompt and effective use of existing flexibilities in the TRIPS Agreement and concerted and coordinated efforts involving governments and the private sector to ensure all qualified generic producers willing and capable of manufacturing vaccines are doing so and to create supply by working to bring more facilities up to standard. Cooperation will not only lead us out of this pandemic but also put us in a better position to deal with the next one. Killing the goose that laid the golden egg may seem appealing to some in the short term but will only ensure that no eggs are delivered in the next pandemic.

#### 2 - 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.

#### 3 - Alt Causes to lack of generics thump Aff solvency to zero – pay-for-delay, citizen petitions, authorized generics, and testing sample access – this is terminal since they’d just shift tactics to non-patent strategies.

Fox 17, Erin. "How pharma companies game the system to keep drugs expensive." Harvard Business Review (April 6, 2017), https://hbr. org/2017/04/how-pharma-companies-game-the-system-to-keep-drugs-expensive (last visited on November 22, 2019) (2017). (director of Drug Information at University of Utah Health)//Elmer

The ways companies stop generics One of the ways branded drug manufacturers prevent competition is simple: cash. In so-called “pay for delay” agreements, a brand drug company simply pays a generic company not to launch a version of a drug. The Federal Trade Commission estimates these pacts cost U.S. consumers and taxpayers $3.5 billion in higher drug costs each year. “Citizen petitions” offer drug companies another way to delay generics from being approved. These ask the Food and Drug Administration to delay action on a pending generic drug application. By law, the FDA is required to prioritize these petitions. However, the citizens filing concerns are not individuals, they’re corporations. The FDA recently said branded drug manufacturers submitted 92% of all citizen petitions. Many of these petitions are filed near the date of patent expiration, effectively limiting potential competition for another 150 days. “Authorized generics” are another tactic to limit competition. These aren’t really generic products at all; they are the same product sold under a generic name by the company that sells the branded drug. Why? By law, the first generic company to market a drug gets an exclusivity period of 180 days. During this time, no other companies can market a generic product. But the company with the expiring patent is not barred from launching an “authorized generic.” By selling a drug they’re already making under a different name, pharmaceutical firms are effectively extending their monopoly for another six months. Another way pharmaceutical firms are thwarting generics is by restricting access to samples for testing. Generic drug makers need to be able to purchase a sample of a brand-name product to conduct bioequivalence testing. That’s because they have to prove they can make a bioequivalent product following the current good manufacturing practices (CGMP) standard. These manufacturers don’t need to conduct clinical trials like the original drug company did. But the original drug developer often declines to sell drug samples to generics manufacturers by citing “FDA requirements,” by which they mean the agency’s Risk Evaluation and Mitigation Strategies program. The idea behind this program is a good one: give access to patients who will benefit from these personalized medicines, and bar access for patients who won’t benefit and could be seriously harmed. However, brand drug makers are citing these requirements for the sole purpose of keeping generics from coming to market.

#### 4 - Aff doesn’t attack all of the root causes of disease spread- lack of materials, equipment, and facilities when faced with skyrocketed demands means solving IP protections alone isnt enough

Brant & Burns 7-29-21 [Jennifer Brant, CEO and Founder of Innovation Insights, and Thaddeus Burns, Head of Life Science Government & Public Affairs at Merck and served in senior positions at the US Department of Commerce and the White House Office of the US Trade Representative, served as a member of the National Academy of Sciences Committee charged with preparing a report on the science and technology capabilities of the U.S. Department of State. “Trade restrictions are delaying the COVID response. The WTO must act.” July 29, 2021. <https://www.weforum.org/agenda/2021/07/wto-members-must-launch-new-work-to-reinforce-the-covid-response-in-november/>] AL

The COVID-19 pandemic hit at a time when bio-manufacturing was undergoing a process of democratization. Technological progress had enabled growing capacity in many countries including Brazil, Indonesia, South Africa, Tunisia, Argentina, and Egypt. By 2020, the business model for bio-manufacturing had fundamentally changed and it was becoming the norm for companies to distribute research, development and manufacturing across geographies and work with partners. As recently as 15 years ago, building a facility to produce biologics such as monoclonal antibodies or vaccines could require an investment of as much as €500m, and it would take up to 3 years to bring that facility online. New manufacturing technologies have made it cheaper and easier to build new facilities and to scale up existing ones. Today, an investment of €20m can get a bio-manufacturing plant up and running. Such changes are part of the reason the global community was able to launch production of new COVID-19 vaccines so quickly. The urgency of COVID-19 accelerated further innovations in bio-manufacturing equipment and processes, and compressed production time in a way that will have positive impacts in the future. But the pandemic also revealed major weaknesses in global value chains. It was difficult for manufacturers to keep up with the sudden surge for demand for raw materials and equipment, as many new research and development and manufacturing partnerships rapidly took off. To extend capacity, new employees, intensive training and collaboration, and more infrastructure were needed. The global community was faced with the reality that facilities cannot be built everywhere in an instant, and that there are bottlenecks in the supply chain. Government action in some cases made things worse. Some countries enacted export restrictions on COVID-related products, which made it extremely difficult to run a global supply chain. Another difficult issue has been the tariffs applied on biologics and the products needed for their manufacture. Eighteen months into the pandemic, biologics manufacturers are still trying to cope with a range of challenges. There is still surging demand for equipment and raw materials. In some cases, they have expanded manufacturing capacity to produce more equipment such as filters and bioreactors. This continues to require time and significant investments.