## 1NC

### 1NC – OFF

#### Interpretation debaters must defend that the member nations of the World Trade Organization ought to reduce intellectual property protections for medicines.

#### “Resolved” means to enact by law.

Words & Phrases ’64

(Words and Phrases; 1964; Permanent Edition)

Definition of the word “resolve,” given by Webster is “to express an opinion or determination by resolution or vote; as ‘it was resolved by the legislature;” It is of similar force to the word “enact,” which is defined by Bouvier as meaning “to establish by law”.

#### Nations are defined territories with governments

**Merriam Webster** [Merriam Webster, 8-22-2021, accessed on 9-6-2021, Merriam-webster, "Definition of NATION", <https://www.merriam-webster.com/dictionary/nation>] Adam

Definition of nation

 (Entry 1 of 2)

1a(1): [NATIONALITY sense 5a](https://www.merriam-webster.com/dictionary/nationality)three Slav peoples … forged into a Yugoslavia without really fusing into a Yugoslav nation— Hans Kohn

(2): a politically organized [nationality](https://www.merriam-webster.com/dictionary/nationality)

(3)in the Bible : a non-Jewish nationalitywhy do the nations conspire— Psalms 2:1 (Revised Standard Version)

b: a community of people composed of one or more [nationalities](https://www.merriam-webster.com/dictionary/nationalities) and possessing a more or less defined territory and government Canada is a nation with a written constitution— B. K. Sandwell

c: a territorial division containing a body of people of one or more nationalities and usually characterized by relatively large size and independent statusa nation of vast size with a small population— Mary K. Hammond

2archaic : [GROUP](https://www.merriam-webster.com/dictionary/group), [AGGREGATION](https://www.merriam-webster.com/dictionary/aggregation)

3: a tribe or federation of tribes (as of American Indians)the Seminole Nation in Oklahoma

#### Medicines refer to physical substances.

American Heritage Dictionary of Medicine 18 The American Heritage Dictionary of Medicine 2018 by Houghton Mifflin Harcourt Publishing Company <https://www.yourdictionary.com/medicine> //Elmer

"A **substance**, **especially a drug**, **used to treat** the signs and symptoms of a **disease**, condition, or injury."

#### There are 4 types of IP the aff could reduce.

**Brewer 19** [Trevor Brewer, 5-16-2019, accessed on 8-11-2021, BrewerLong, "What Are The 4 Types of Intellectual Property Rights? BrewerLong", <https://brewerlong.com/information/business-law/four-types-of-intellectual-property/>] Adam

There are four types of intellectual property rights and protections (although multiple types of intellectual property itself). Securing the correct protection for your property is important, which is why consulting with a lawyer is a must. The four categories of intellectual property protections include:

TRADE SECRETS

Trade secrets refer to specific, private information that is important to a business because it gives the business a competitive advantage in its marketplace. If a trade secret is acquired by another company, it could harm the original holder.

Examples of trade secrets include recipes for certain foods and beverages (like Mrs. Fields’ cookies or Sprite), new inventions, software, processes, and even different marketing strategies.

When a person or business holds a trade secret protection, others cannot copy or steal the idea. In order to establish information as a “trade secret,” and to incur the legal protections associated with trade secrets, businesses must actively behave in a manner that demonstrates their desire to protect the information.

[Trade secrets are protected without official registration](https://www.wipo.int/sme/en/ip_business/trade_secrets/protection.htm); however, an owner of a trade secret whose rights are breached–i.e. someone steals their trade secret–may ask a court to ask against that individual and prevent them from using the trade secret.

PATENTS

As defined by the[U.S. Patent and Trademark Office](https://www.uspto.gov/help/patent-help#patents) (USPTO), a patent is a type of limited-duration protection that can be used to protect inventions (or discoveries) that are new, non-obvious, and useful, such a new process, machine, article of manufacture, or composition of matter.

When a property owner holds a patent, others are prevented, under law, from offering for sale, making, or using the product.

COPYRIGHTS

Copyrights and patents are not the same things, although they are often confused. A copyright is a type of intellectual property protection that protects original works of authorship, which might include literary works, music, art, and more. Today, copyrights also protect computer software and architecture.

Copyright protections are automatic; once you create something, it is yours. However, if your rights under copyright protections are infringed and you wish to file a lawsuit, then registration of your copyright will be necessary.

TRADEMARKS

Finally, the fourth type of intellectual property protection is a trademark protection. Remember, patents are used to protect inventions and discoveries and copyrights are used to protect expressions of ideas and creations, like art and writing.

Trademarks, then, refer to phrases, words, or symbols that distinguish the source of a product or services of one party from another. For example, the Nike symbol–which nearly all could easily recognize and identify–is a type of trademark.

While patents and copyrights can expire, trademark rights come from the use of the trademark, and therefore can be held indefinitely. Like a copyright, registration of a trademark is not required, but registering can offer additional advantages.

#### Violation –

#### At best they’re Extra-T, which is a voter for Limits since they can add any amount of infinite planks to the aff to solve for all neg arguments, or Effects-T which is worse, since any small aff can spill up to the res.

#### First, competitive equity –

#### A] Ground: they get to pick the topic ex post facto which incentivizes vague argumentation that’s not grounded in a consistent, stable mechanism – they’re playing dodgeball with hand grenades – caselists are concessionary, unpredictable, beaten by perms, and don’t justify their model.

#### B] Limits: their model has no resolutional bound and creates the possibility for literally an infinite number of 1ACs. Not debating the topic allows someone to specialize in one area of the library for 4 years giving them a huge edge over people who switch research focus ever 2 months. Cutting negs to every possible aff is a commitment even large squads can’t handle, let alone small schools like us. Counter-interpretations are arbitrary, unpredictable, and don’t solve the world of neg prep because there’s no grounding in the resolution

#### C] Causality- debating the resolution forces the affirmative to defend a cause and effect relationship, the state doing x results in y. Non topical affs establish their own barometer “I think x is good for me” that aren’t negateable.

#### D] Fairness is an impact – [1] it’s an intrinsic good – some level of competitive equity is necessary to sustain the activity – if it didn’t exist, then there wouldn’t be value to the game since judges could literally vote whatever way they wanted regardless of the competing arguments made [2] probability – your ballot can’t solve their impacts but it can solve mine – debate can’t alter subjectivity, but can rectify skews [3] internal link turns every impact – a limited topic promotes in-depth research and engagement which is necessary to access all of their education [4] comes before substance – deciding any other argument in this debate cannot be disentangled from our inability to prepare for it – any argument you think they’re winning is a link, not a reason to vote for them, since it’s just as likely that they’re winning it because we weren’t able to effectively prepare to defeat it. This means they don’t get to weigh the aff.

#### Second, switch-side debate –

#### A] It forces debaters to consider a controversial issue from multiple perspectives. Non-T affs allow individuals to establish their own metrics for what they want to debate leading to ideological dogmatism. Even if they prove the topic is bad, our argument is that the process of preparing and defending proposals is an educational benefit of engaging it.

#### B] topical version of the aff solves – they can still have all their advantages under TVA

#### Vote negative – A] this procedurally evaluates whether their model is good, which is a prior question B] they can’t get offense: we don’t exclude them, only persuade you that our methodology is best. Every debate requires a winner and loser, so voting negative doesn’t reject them from debate, it just says they should make a better argument next time.

### 1NC – OFF

#### The AFF’s structural claims and refusal of institutional politics results in a politics of cynicism that makes any kind of material change impossible

Burgum 15 (Samuel, PhD candidate in Sociology at the University of Warwick and has been conducting research with Occupy London since 2012, “The branding of the left: between spectacle and passivity in an era of cynicism,” *Journal for Cultural Research*, Volume 19, Issue 3)

Rather than the Situationist spectacle, then, I argue that the reason those on the left are rendered post-politically impotent to bring about change is not because we are deceived, but because we enact apathy despite ourselves. In other words, the relationship between the resistive subject and ideology is not one of false consciousness, but one of cynicism: we are not misdirected by shallow spectacles, but instead somehow distracted by our cynical belief that we are being “distracted”. In this section, I begin by outlining the concept of cynicism as it has been theorised by Peter Sloterdijk and Slavoj Žižek. This then leads us to an analysis of the cynical position adopted by Brand’s critics, which I argue actually demonstrates more political problems on the part of the left than those suggested by Brand himself. For Sloterdijk, cynicism is an attitude that emerges right at the centre of the enlightenment project, where, in contrast to a modernist illumination of truth, “a twilight arises, a deep ambivalence” (1987, p. 22). Rather than the promised heightened consciousness of science that would allow us to see the hidden essential truths behind appearances, the very conception of truth as unconcealedness (aletheia)3 instead creates a widespread mistrust and suspicion of every appearance. Subsequently, “a new form of realism bursts forth, a form that is driven by the fear of becoming deceived or overpowered … everything that appears to us could be a deceptive manoeuvre of an overpowering evil enemy” (Sloterdijk, 1987, p. 330). The surface becomes suspect and the subject therefore retreats from all appearances: judging them to be spectacles that are seeking to oppress through falsity. The result is cynicism. Subsequently, this leads Sloterdijk to his well-known paradoxical definition of cynicism as “enlightened false consciousness” which he describes as a “modernized, unhappy consciousness on which enlightenment has laboured both successfully and in vain … it has learned its lessons in enlightenment, but it has not, probably was not able to, put them into practice” (1987, p. 5). In other words, in the search for a higher consciousness behind appearances, the subject is paradoxically “duped” by their very suspicion of being duped. Furthermore, because the subject thinks they “know” that appearances are just a mask, they disbelieve the truth when it does appear. Like the story of the Emperor’s New Clothes, they fancy themselves to know what is right in front of their eyes (that the emperor is nude and vulnerable) yet they choose “not to know” and don’t act upon it (they still act as if the emperor is all-powerful). As such, cynical reason is no longer naïve, but is a paradox of enlightened false consciousness: one knows the falsehood very well, one is well aware of a particular hidden interest hidden behind the ideological universality, but still one does not renounce it. (Žižek, 1989, p. 23) The audience to the parade of power can see that the emperor is not divine – just a fragile human body like the rest of us – yet they cynically choose not to know and objectively retain his aura. They congratulate themselves on “knowing” that Brand is a trivial spectacle, yet they choose to remain apathetic towards his calls for action. As such, the dismissive reaction to Brand reveals a regressive interpassive tendency of the left to subjectively treat ourselves as “enlightened” to authentic politics and yet objectively render ourselves passive. In a kind of defence mechanism, the left believes that it can avoid becoming the dupe of the latest fashion or advertising trend by treating everything as a matter of fashion and advertising, reassuring ourselves as we flip through television channels or browse through the shopping mall that at least we know what’s really going on. (Stanley, 2007, p. 399) The critics disbelieve Brand, distrusting his motives and seeing him as inauthentic, yet they continue to “believe” objectively in their own marginalisation. As such, the cynical left believe they are dismissing shallow spectacle in the direction of a stronger authentic radicalism, yet what their “doing believes” is the maintenance of their apathetic position. More precisely, it maintains the attitudes of left melancholy and anti-populism. The problem of “left melancholy” points towards the forever-delayed search for authenticity on the part of a cynical left that is in mourning. Coined by Walter Benjamin (1998), the concept points towards “the revolutionary who is, finally, attached more to a particular political analysis or ideal – even to the failure of that ideal – than to seizing possibilities for radical change in the present” (Brown, 1999, p. 19). Suffering from a history of defeat and embarrassment, the left persist in a narcissistic identification with failure, fetishising the “good old days” and remaining faithful to lost causes. As Benjamin himself points out, the cynical kernel of this attitude is clear, as “melancholy betrays the world for the sake of knowledge … but in its tenacious self-absorption it embraces dead objects in its consumption in order to redeem them” (1998, p. 157). In other words, the sentiment is a deliberate self-sabotage that takes place even before politics proper has a chance to begin or “the paradox of an intention to mourn that precedes and anticipates the loss of the object” (Žižek, 2001, p. 146). This then leads us to the second problem of leftist cynicism: anti-populism. As a result of melancholia, the left has developed the bad habit of prejudging all instances of popular radical expression (such as Brand’s) as necessarily flawed. However, to return to Dean again, she points out that this aversion to being popular and successful is a defining feature of a contemporary left, who prefer to adopt an “authentic” underdog position in advance than take risks towards political power. As she argues, “we” on the left see “ourselves” as “always morally correct but never politically responsible” (Dean, 2009, p. 6) prepositioned as righteous victims and proud political losers from the outset. What this cynicism towards instances of popular radicalism ultimately means, therefore, is that any concern for authenticity is ultimately a regressive one, a defence mechanism for a left that “as long as it sees itself as defeated victims, can refrain from having to admit is short on ideas” (Dean, 2009, p. 5). Such an attitude means never risking potential failure and residing in the safety of marginal righteousness. It is the contention here, therefore, that both melancholia and anti-populism can be seen in the cynical reaction to Brand’s radicalism. Somewhat ironically, Brand (2013) even recognised these problems himself when he wrote in his *New Statesman* piece that the right seeks converts while the left seeks traitors … this moral superiority that is peculiar to the left is a great impediment towards momentum … for an ideology that is defined by inclusiveness, socialism has become in practice quite exclusive. Automatically, then, the left denounce Brand and self-proclaimed “radical left-wing thinkers and organisers” bitterly complain how he is getting so much attention for the arguments they have been making for years (for example, Park & Nastasia, 2013). The left maintain distance and label Brand trivial, yet such a distance only renders these critiques even more marginal and prevents them from becoming popular, effective or counter-hegemonic. As Žižek has pointed out, the political issue of cynicism is “not that people ‘do not know what they want’ but rather that cynical resignation prevents them from acting upon it, with the result that a weird gap opens up between what people think and how they act”, adding that “today’s post-political silent majority is not stupid, but it is cynical and resigned” (2011, p. 390). In terms of Brand, this blanket cynical melancholy is typical of the left’s distrust of anything popular, rendering them “like the last men” whose “immediate reaction to idealism is mocking cynicism” (Winlow & Hall, 2012, p. 13). Proponents of a radical alternative immediately adopt caution with the effect of forever delaying change, holding out for that real and authentic (unbranded) struggle and therefore denying it indefinitely.

#### \*insert link from up top\*

#### Capitalism causes war, violence, environmental destruction and extinction.

Robinson 18 (William I., Prof. of Sociology, Global and International Studies, and Latin American Studies, @ UC-Santa Barbara, “Accumulation Crisis and Global Police State” Critical Sociology) RE

Each major episode of crisis in the world capitalist system has presented the potential for systemic change. Each has involved the breakdown of state legitimacy, escalating class and social struggles, and military conflicts, leading to a restructuring of the system, including new institutional arrangements, class relations, and accumulation activities that eventually result in a restabilization of the system and renewed capitalist expansion. The current crisis shares aspects of earlier system-wide structural crises, such as of the 1880s, the 1930s or the 1970s. But there are six interrelated dimensions to the current crisis that I believe sets it apart from these earlier ones and suggests that a simple restructuring of the system will not lead to its restabilization – that is, our very survival now requires a revolution against global capitalism (Robinson, 2014). These six dimensions, in broad strokes, present a “big picture” context in which a global police state is emerging. First, the system is fast reaching the ecological limits of its reproduction. We have already passed tipping points in climate change, the nitrogen cycle, and diversity loss. For the first time ever, human conduct is intersecting with and fundamentally altering the earth system in such a way that threatens to bring about a sixth mass extinction (see, e.g., Foster et al., 2011; Moore, 2015). These ecological dimensions of global crisis have been brought to the forefront of the global agenda by the worldwide environmental justice movement. Communities around the world have come under escalating repression as they face off against transnational corporate plunder of their environment. While capitalism cannot be held solely responsible for the ecological crisis, it is difficult to imagine that the environmental catastrophe can be resolved within the capitalist system given capital’s implacable impulse to accumulate and its accelerated commodification of nature. Second, the level of global social polarization and inequality is unprecedented. The richest one percent of humanity in 2016 controlled over half of the world’s wealth and 20 percent controlled 95 percent of that wealth, while the remaining 80 percent had to make do with just five percent (Oxfam, 2017). These escalating inequalities fuel capitalism’s chronic problem of overaccumulation: the TCC cannot find productive outlets to unload the enormous amounts of surplus it has accumulated, leading to chronic stagnation in the world economy (see next section). Such extreme levels of social polarization present a challenge of social control to dominant groups. As Trumpism in the United States as well as the rise of far-right and neo-fascist movements in Europe so well illustrate, cooptation also involves the manipulation of fear and insecurity among the downwardly mobile so that social anxiety is channeled towards scapegoated communities. This psychosocial mechanism of displacing mass anxieties is not new, but it appears to be increasing around the world in the face of the structural destabilization of capitalist globalization. Extreme inequality requires extreme violence and repression that lend themselves to projects of 21st century fascism. Third, the sheer magnitude of the means of violence and social control is unprecedented, as well as the magnitude and concentrated control over the means of global communication and the production and circulation of symbols, images, and knowledge. Computerized wars, drone warfare, robot soldiers, bunker-buster bombs, a new generation of nuclear weapons, satellite surveillance, cyberwar, spatial control technology, and so forth, have changed the face of warfare, and more generally, of systems of social control and repression. We have arrived at the panoptical surveillance society, a point brought home by Edward Snowden’s revelations in 2013, and the age of thought control by those who control global flows of communication and symbolic production. If global capitalist crisis leads to a new world war the destruction would simply be unprecedented. Fourth, we are reaching limits to the extensive expansion of capitalism, in the sense that there are no longer any new territories of significance to integrate into world capitalism and new spaces to commodify are drying up. The capitalist system is by its nature expansionary. In each earlier structural crisis, the system went through a new round of extensive expansion – from waves of colonial conquest in earlier centuries, to the integration in the late 20th and early 21st centuries of the former socialist countries, China, India and other areas that had been marginally outside the system. There are no longer any new territories to integrate into world capitalism. At the same time, the privatization of education, health, utilities, basic services, and public lands is turning those spaces in global society that were outside of capital’s control into “spaces of capital,” so that intensive expansion is reaching depths never before seen. What is there left to commodify? Where can the system now expand? New spaces have to be violently cracked open and the peoples in these spaces must be repressed by the global police state.

#### Thus the alternative is to affirm the model of the Communist Party – only democratic centralist dual power organizing can provide effective accountability to connect local struggles for international mobilization

**Escalante 18**  
(Alyson Escalante, you should totally read her work for non-debate reasons, Marxist-Leninist, Materialist Feminist and Anti-Imperialist activist. “PARTY ORGANIZING IN THE 21ST CENTURY” September 21st, 2018 <https://theforgenews.org/2018/09/21/party-organizing-in-the-21st-century/> rvs)

I would argue that within the base building movement, there is a move towards party organizing, but this trend has not always been explicitly theorized or forwarded within the movement. My goal in this essay is to argue that base building and dual power strategy can be best forwarded through party organizing, and that party organizing can allow this emerging movement to solidify into a powerful revolutionary socialist tendency in the United States. One of the crucial insights of the base building movement is that the current state of the left in the United States is one in which revolution is not currently possible. There exists very little popular support for socialist politics. A century of anticommunist propaganda has been extremely effective in convincing even the most oppressed and marginalized that communism has nothing to offer them. The base building emphasis on dual power responds directly to this insight. By building institutions which can meet people’s needs, we are able to concretely demonstrate that communists can offer the oppressed relief from the horrific conditions of capitalism. Base building strategy recognizes that actually doing the work to serve the people does infinitely more to create a socialist base of popular support than electing democratic socialist candidates or holding endless political education classes can ever hope to do. Dual power is about proving that we have something to offer the oppressed. The question, of course, remains: once we have built a base of popular support, what do we do next? If it turns out that establishing socialist institutions to meet people’s needs does in fact create sympathy towards the cause of communism, how can we mobilize that base? Put simply: **in order to mobilize the base which base builders hope to create, we need to have already done the work of building a communist party.** It is not enough to simply meet peoples needs. Rather, we must build the institutions of dual power in the name of communism. We must refuse covert front organizing and instead have a public face as a communist party. When we build tenants unions, serve the people programs, and other dual power projects, we must make it clear that we are organizing as communists, unified around a party, and are not content simply with establishing endless dual power organizations. We must be clear that our strategy is revolutionary and in order to make this clear we must adopt party organizing. By “party organizing” I mean an organizational strategy which adopts the party model. Such organizing focuses on building a party whose membership is formally unified around a party line determined by democratic centralist decision making. The party model creates internal methods for **holding party members accountable**, unifying party member action around democratically determined goals, and for educating party members in communist theory and praxis. A communist organization utilizing the party model works to build dual power institutions while simultaneously educating the communities they hope to serve. Organizations which adopt the party model focus on propagandizing around the need for revolutionary socialism. They function as the forefront of political organizing, empowering local communities to theorize their liberation through communist theory while organizing communities to literally fight for their liberation. A party is not simply a group of individuals doing work together, but is a formal organization unified in its fight against capitalism. Party organizing has much to offer the base building movement. By working in a unified party, base builders can ensure that local struggles are tied to and informed by a unified national and international strategy. While the most horrific manifestations of capitalism take on particular and unique form at the local level, we need to remember that our struggle is against a material base which functions not only at the national but at the international level. The formal structures provided by a democratic centralist party model allow individual locals to have a voice in open debate, but also allow for a unified strategy to emerge from democratic consensus. Furthermore, **party organizing allows for local organizations and individual organizers to be held accountable for their actions.** It allows criticism to function not as one independent group criticizing another independent group, but rather as comrades with a formal organizational unity working together to sharpen each others strategies and to help correct chauvinist ideas and actions. In the context of the socialist movement within the United States, such accountability is crucial. As a movement which operates within a settler colonial society, imperialist and colonial ideal frequently infect leftist organizing. Creating formal unity and party procedure for dealing with and correcting these ideas allows us to address these consistent problems within American socialist organizing. Having a formal party which unifies the various dual power projects being undertaken at the local level also allows for base builders to not simply meet peoples needs, but to pull them into the membership of the party as organizers themselves. The party model creates a means for sustained growth to occur by unifying organizers in a manner that allows for skills, strategies, and ideas to be shared with newer organizers. It also allows community members who have been served by dual power projects to take an active role in organizing by becoming party members and participating in the continued growth of base building strategy. It ensures that there are formal processes for educating communities in communist theory and praxis, and also enables them to act and organize in accordance with their own local conditions. We also must recognize that the current state of the base building movement precludes the possibility of such a national unified party in the present moment. Since base building strategy is being undertaken in a number of already established organizations, it is not likely that base builders would abandon these organizations in favor of founding a unified party. Additionally, it would not be strategic to immediately undertake such complete unification because it would mean abandoning the organizational contexts in which concrete gains are already being made and in which growth is currently occurring. What is important for base builders to focus on in the current moment is building dual power on a local level alongside building a national movement. This means aspiring towards the possibility of a unified party, while pursuing continued local growth. The movement within the Marxist Center network towards some form of unification is positive step in the right direction. The independent party emphasis within the Refoundation caucus should also be recognized as a positive approach. It is important for base builders to continue to explore the possibility of unification, and to maintain unification through a party model as a long term goal. In the meantime, individual base building organizations ought to adopt party models for their local organizing. Local organizations ought to be building dual power alongside recruitment into their organizations, education of community members in communist theory and praxis, and the establishment of armed and militant party cadres capable of defending dual power institutions from state terror. Dual power institutions must be unified openly and transparently around these organizations in order for them to operate as more than “red charities.” Serving the people means meeting their material needs while also educating and propagandizing. It means radicalizing, recruiting, and organizing. The party model remains the most useful method for achieving these ends. The use of the party model by local organizations allows base builders to gain popular support, and most importantly, to mobilize their base of popular support towards revolutionary ends, not simply towards the construction of a parallel economy which exists as an end in and of itself. It is my hope that we will see future unification of the various local base building organizations into a national party, but in the meantime we must push for party organizing at the local level. If local organizations adopt party organizing, it ought to become clear that **a unified national party will have to be the long term goal of the base building movement.** Many of the already existing organizations within the base building movement already operate according to these principles. I do not mean to suggest otherwise. Rather, my hope is to suggest that we ought to be explicit about the need for party organizing and emphasize the relationship between dual power and the party model. Doing so will make it clear that the base building movement is not pursuing a cooperative economy alongside capitalism, but is pursuing a revolutionary socialist strategy capable of fighting capitalism. The long term details of base building and dual power organizing will arise organically in response to the conditions the movement finds itself operating within. I hope that I have put forward a useful contribution to the discussion about base building organizing, and have demonstrated the need for party organizing in order to ensure that the base building tendency maintains a revolutionary orientation. The finer details of revolutionary strategy will be worked out over time and are not a good subject for public discussion. I strongly believe party organizing offers the best path for ensuring that such strategy will succeed. My goal here is not to dictate the only possible path forward but to open a conversation about how the base building movement will organize as it transitions from a loose network of individual organizations into a unified socialist tendency. These discussions and debates will be crucial to ensuring that this rapidly growing movement can succeed.

## 1NC – Case

### 1NC – AT: Framework

#### Presume neg – it’s the affs job to prove a desirable change from the squo. statements are false till proven true that’s why we don’t believe conspiracy theories

#### Reject framing arguments that parameterize content – debate should be an open forum to attack ideas from different directions – anything else brackets out certain modes of knowledge production which their ev would obviously disagree w/.

#### ROB is to vote for the better debater. Only evaluating the consequences of the plan allows us to determine the practical impacts of politics and preserves the predictability that fosters engagement. Rigorous contestation and third and fourth-line testing are key to generate the self-reflexivity that creates ethical subjects.

#### Prefer –

#### 1. Competition- The competitive nature of debate wrecks the interactive nature of debate – the judge must decide between two competing speech acts and the debaters are trying to beat each other – this is the wrong forum for interaction

#### 2. Spillover- How does educational orientations spill over beyond this space? Empirically denied – judges vote on this shit on this time and nothing ever happens.

#### 3. Prescription- certain interactions are prescripted – eg subjectivity– can’t be reformulated so easily

#### 4. Competition takes out the aff – the ballot becomes a securitizing object that prevents engagement

Ritter 13. JD from U Texas Law (Michael J., “Overcoming The Fiction of “Social Change Through Debate”: What’s To Learn from 2pac’s Changes?,” National Journal of Speech and Debate, Vol. 2, Issue 1

The structure of competitive interscholastic debate renders any message communicated in a debate round virtually incapable of creating any social change, either in the debate community or in general society. And to the extent that the fiction of social change through debate can be proven or disproven through empirical studies or surveys, academics instead have analyzed debate with nonapplicable rhetorical theory that fails to account for the unique aspects of competitive interscholastic debate. Rather, the current debate relating to activism and competitive interscholastic debate concerns the following: “What is the best model to promote social change?” But a more fundamental question that must be addressed first is: “Can debate cause social change?” Despite over two decades of opportunity to conduct and publish empirical studies or surveys, academic proponents of the fiction that debate can create social change have chosen not to prove this fundamental assumption, which—as this article argues—is merely a fiction that is harmful in most, if not all, respects. The position that competitive interscholastic debate can create social change is more properly characterize5d as a fiction than an argument. A fiction is an invented or fabricated idea purporting to be factual but is not provable by any human senses or rational thinking capability or is unproven by valid statistical studies. An argument, most basically, consists of a claim and some support for why the claim is true. If the support for the claim is false or its relation to the claim is illogical, then we can deduce that the particular argument does not help in ascertaining whether the claim is true. Interscholastic competitive debate is premised upon the assumption that debate is argumentation. Because fictions are necessarily not true or cannot be proven true by any means of argumentation, the competitive interscholastic debate community should be incredibly critical of those fictions and adopt them only if they promote the activity and its purposes

#### 5. No evidence for the power of the ballot – debate specific – negate on presumption.

Ritter 13 [Michael, JD UTexas Law, B.A. cum laude Trinity University. September 2013. “Overcoming the Fiction of ‘Social Change Through Debate’: What’s to Learn From 2Pac’s Changes?” https://docs.wixstatic.com/ugd/9896ec\_8b2b993ec42440ecaab1b07645385db5.pdf]

Up to this point, this article has shown how each of the essential components of “competitive interscholastic debate” makes it very different from any other kind of debate. But one thing that is persuasive in any kind of debate is some sort of properly conducted study (or even a mere survey) that provides empirical proof or even substantial anecdotal support. To date, none of the many academics who coach or participate in the debate community have published a study or survey to support the social change fiction. (Perhaps they have tried, and discovered they were just wrong.) But until such an empirical study of competitive interscholastic debate is conducted, students, judges, and coaches should not take it for granted.

#### Extinction is the only coherent and egalitarian framework – prefer it

Khan 18 (Risalat, activist and entrepreneur from Bangladesh passionate about addressing climate change, biodiversity loss, and other existential challenges. He was featured by The Guardian as one of the “young climate campaigners to watch” (2015). As a campaigner with the global civic movement Avaaz (2014-17), Risalat was part of a small core team that spearheaded the largest climate marches in history with a turnout of over 800,000 across 2,000 cities. After fighting for the Paris Agreement, Risalat led a campaign joined by over a million people to stop the Rampal coal plant in Bangladesh to protect the Sundarbans World Heritage forest, and elicited criticism of the plant from Crédit Agricolé through targeted advocacy. Currently, Risalat is pursuing an MPA in Environmental Science and Policy at Columbia University as a SIPA Environmental Fellow, “5 reasons why we need to start talking about existential risks,” https://www.weforum.org/agenda/2018/01/5-reasons-start-talking-existential-risks-extinction-moriori/)

Infinite future possibilities I find the story of the Moriori profound. It teaches me two lessons. Firstly, that human culture is far from immutable. That we can struggle against our baser instincts. That we can master them and rise to unprecedented challenges. Secondly, that even this does not make us masters of our own destiny. We can make visionary choices, but the future can still surprise us. This is a humbling realization. Because faced with an uncertain future, the only wise thing we can do is prepare for possibilities. Standing at the launch pad of the Fourth Industrial Revolution, the possibilities seem endless. They range from an era of abundance to the end of humanity, and everything in between. How do we navigate such a wide and divergent spectrum? I am an optimist. From my bubble of privilege, life feels like a rollercoaster ride full of ever more impressive wonders, even as I try to fight the many social injustices that still blight us. However, the accelerating pace of change amid uncertainty elicits one fundamental observation. Among the infinite future possibilities, only one outcome is truly irreversible: extinction. Concerns about extinction are often dismissed as apocalyptic alarmism. Sometimes, they are. But repeating that mankind is still here after 70 years of existential warning about nuclear warfare is a straw man argument. The fact that a 1000-year flood has not happened does not negate its possibility. And there have been far too many nuclear near-misses to rest easy. As the World Economic Forum’s Annual Meeting in Davos discusses how to create a shared future in a fractured world, here are five reasons why the possibility of existential risks should raise the stakes of conversation: 1. Extinction is the rule, not the exception More than 99.9% of all the species that ever existed are gone. Deep time is unfathomable to the human brain. But if one cares to take a tour of the billions of years of life’s history, we find a litany of forgotten species. And we have only discovered a mere fraction of the extinct species that once roamed the planet. In the speck of time since the first humans evolved, more than 99.9% of all the distinct human cultures that have ever existed are extinct. Each hunter-gatherer tribe had its own mythologies, traditions and norms. They wiped each other out, or coalesced into larger formations following the agricultural revolution. However, as major civilizations emerged, even those that reached incredible heights, such as the Egyptians and the Romans, eventually collapsed. It is only in the very recent past that we became a truly global civilization. Our interconnectedness continues to grow rapidly. “Stand or fall, we are the last civilization”, as Ricken Patel, the founder of the global civic movement Avaaz, put it. 2. Environmental pressures can drive extinction More than 15,000 scientists just issued a ‘warning to humanity’. They called on us to reduce our impact on the biosphere, 25 years after their first such appeal. The warning notes that we are far outstripping the capacity of our planet in all but one measure of ozone depletion, including emissions, biodiversity, freshwater availability and more. The scientists, not a crowd known to overstate facts, conclude: “soon it will be too late to shift course away from our failing trajectory, and time is running out”. In his 2005 book Collapse, Jared Diamond charts the history of past societies. He makes the case that overpopulation and resource use beyond the carrying capacity have often been important, if not the only, drivers of collapse. Even though we are making important incremental progress in battles such as climate change, we must still achieve tremendous step changes in our response to several major environmental crises. We must do this even while the world’s population continues to grow. These pressures are bound to exert great stress on our global civilization. 3. Superintelligence: unplanned obsolescence? Imagine a monkey society that foresaw the ascendance of humans. Fearing a loss of status and power, it decided to kill the proverbial Adam and Eve. It crafted the most ingenious plan it could: starve the humans by taking away all their bananas. Foolproof plan, right? This story describes the fundamental difficulty with superintelligence. A superintelligent being may always do something entirely different from what we, with our mere mortal intelligence, can foresee. In his 2014 book Superintelligence, Swedish philosopher Nick Bostrom presents the challenge in thought-provoking detail, and advises caution. Bostrom cites a survey of industry experts that projected a 50% chance of the development of artificial superintelligence by 2050, and a 90% chance by 2075. The latter date is within the life expectancy of many alive today. Visionaries like Stephen Hawking and Elon Musk have warned of the existential risks from artificial superintelligence. Their opposite camp includes Larry Page and Mark Zuckerberg. But on an issue that concerns the future of humanity, is it really wise to ignore the guy who explained the nature of space to us and another guy who just put a reusable rocket in it? 4. Technology: known knowns and unknown unknowns Many fundamentally disruptive technologies are coming of age, from bioengineering to quantum computing, 3-D printing, robotics, nanotechnology and more. Lord Martin Rees describes potential existential challenges from some of these technologies, such as a bioengineered pandemic, in his book Our Final Century. Imagine if North Korea, feeling secure in its isolation, could release a virulent strain of Ebola, engineered to be airborne. Would it do it? Would ISIS? Projecting decades forward, we will likely develop capabilities that are unthinkable even now. The unknown unknowns of our technological path are profoundly humbling. 5. 'The Trump Factor' Despite our scientific ingenuity, we are still a confused and confusing species. Think back to two years ago, and how you thought the world worked then. Has that not been upended by the election of Donald Trump as US President, and everything that has happened since? The mix of billions of messy humans will forever be unpredictable. When the combustible forces described above are added to this melee, we find ourselves on a tightrope. What choices must we now make now to create a shared future, in which we are not at perpetual risk of destroying ourselves? Common enemy to common cause Throughout history, we have rallied against the ‘other’. Tribes have overpowered tribes, empires have conquered rivals. Even today, our fiercest displays of unity typically happen at wartime. We give our lives for our motherland and defend nationalistic pride like a wounded lion. But like the early Morioris, we 21st-century citizens find ourselves on an increasingly unstable island. We may have a violent past, but we have no more dangerous enemy than ourselves. Our task is to find our own Nunuku’s Law. Our own shared contract, based on equity, would help us navigate safely. It would ensure a future that unleashes the full potential of our still-budding human civilization, in all its diversity. We cannot do this unless we are humbly grounded in the possibility of our own destruction. Survival is life’s primal instinct. In the absence of a common enemy, we must find common cause in survival. Our future may depend on whether we realize this.

#### We get new 2NR arguments- you shouldn’t let them get away with aff spin or new applications in unless it was explicit in the 1AC. It’s better- lets us contest the substance of the aff instead of going for cheapshots.

#### Skills from debate are good

Archer 18, Deborah N. "Political Lawyering for the 21st Century." Denv. L. Rev. 96 (2018): 399. (Associate Professor of Clinical Law at NYU School of Law)//gord0

Political justice lawyers must be able to break apart a systemic problem into manageable components. The complexity of social problems, can cause law students, and even experienced political lawyers, to become overwhelmed. In describing his work challenging United States military and economic interventions abroad, civil rights advocate and law professor Jules Lobel wrote of this process: “Our foreign-policy litigation became a sort of Sisyphean quest as we maneuvered through a hazy maze cluttered with gates. Each gate we unlocked led to yet another that blocked our path, with the elusive goal of judicial relief always shrouded in the twilight mist of the never-ending maze.”144 Pulling apart a larger, systemic problem into its smaller components can help elucidate options for advocacy. An instructive example is the use of excessive force by police officers against people of color. Every week seems to bring a new video featuring graphic police violence against Black men and women. Law students are frequently outraged by these incidents. But the sheer frequency of these videos and lack of repercussions for perpetrators overwhelm those students just as often. What can be done about a problem so big and so pervasive? To move toward justice, advocates must be able to break apart the forces that came together to lead to that moment: intentional discrimination, implicit bias, ineffective training, racial segregation, lack of economic opportunity, the over-policing of minority communities, and the failure to invest in non-criminal justice interventions that adequately respond to homelessness, mental illness, and drug addiction. None of these component problems are easily addressed, but breaking them apart is more manageable—and more realistic—than acting as though there is a single lever that will solve the problem. After identifying the component problems, advocates can select one and repeat the process of breaking down that problem until they get to a point of entry for their advocacy. 2. Identifying Advocacy Alternatives As discussed earlier, political justice lawyering embraces litigation, community organizing, interdisciplinary collaboration, legislative reform, public education, direct action, and other forms of advocacy to achieve social change. After parsing the underlying issues, lawyers need to identify what a lawyer can and should do on behalf of impacted communities and individuals, and this includes determining the most effective advocacy approach. Advocates must also strategize about what can be achieved in the short term versus the long term. The fight for justice is a marathon, not a sprint. Many law students experience frustration with advocacy because they expect immediate justice now. They have read the opinion in Brown v. Board of Education, but forget that the decision was the result of a decades-long advocacy strategy.145 Indeed, the decision itself was no magic wand, as the country continues to work to give full effect to the decision 70 years hence. Advocates cannot only fight for change they will see in their lifetime, they must also fight for the future.146 Change did not happen over night in Brown and lasting change cannot happen over night today. Small victories can be building blocks for systemic reform, and advocates must learn to see the benefit of short-term responsiveness as a component of long-term advocacy. Many lawyers subscribe to the American culture of success, with its uncompromising focus on immediate accomplishments and victories.147 However, those interested in social justice must adjust their expectations. Many pivotal civil rights victories were made possible by the seemingly hopeless cases that were brought, and lost, before them.148 In the fight for justice, “success inheres in the creation of a tradition, of a commitment to struggle, of a narrative of resistance that can inspire others similarly to resist.”149 Again, Professor Lobel’s words are instructive: “the current commitment of civil rights groups, women’s groups, and gay and lesbian groups to a legal discourse to legal activism to protect their rights stems in part from the willingness of activists in political and social movements in the nineteenth century to fight for rights, even when they realized the courts would be unsympathetic.”150 Professor Lobel also wrote about Helmuth James Von Moltke, who served as legal advisor to the German Armed Services until he was executed in 1945 by Nazis: “In battle after losing legal battle to protect the rights of Poles, to save Jews, and to oppose German troops’ war crimes, he made it clear that he struggled not just to win in the moment but to build a future.”151 3. Creating a Hierarchy of Values Advocates challenging complex social justice problems can find it difficult to identify the correct solution when one of their social justice values is in conflict with another. A simple example: a social justice lawyer’s demands for swift justice for the victim of police brutality may conflict with the lawyer’s belief in the officer’s fundamental right to due process and a fair trial. While social justice lawyers regularly face these dilemmas, law students are not often forced to struggle through them to resolution in real world scenarios—to make difficult decisions and manage the fallout from the choices they make in resolving the conflict. Engaging in complex cases can force students to work through conflicts, helping them to articulate and sharpen their beliefs and goals, forcing them to clearly define what justice means broadly and in the specific context presented. Lawyers advocating in the tradition of political lawyering anticipate the inevitable conflict between rights, and must seek to resolve these conflicts through a “hierarchy of values.”152 Moreover, in creating the hierarchy, the perspectives of those directly impacted and marginalized should be elevated “because it is in listening to and standing with the victims of injustice that the need for critical thinking and action become clear.”153 One articulation of a hierarchy of values asserts “people must be valued more than property. Human rights must be valued more than property rights. Minimum standards of living must be valued more than the privileged liberty of accumulated political, social and economic power. Finally, the goal of increasing the political, social, and economic power of those who are left out of the current arrangements must be valued more than the preservation of the existing order that created and maintains unjust privilege.”154 C. Rethinking the Role of the Clinical Law Professor: Moving From Expert to Colleague Law students can learn a new dimension of lawyering by watching their clinical law professor work through innovative social justice challenges alongside them, as colleagues. This is an opportunity not often presented in work on small cases where the clinical professor is so deeply steeped in the doctrine and process, the case is largely routine to her and she can predict what is to come and adjust supervision strategies accordingly.155 However, when engaged in political lawyering on complex and novel legal issues, both the student and the teacher may be on new ground that transforms the nature of the student-teacher relationship. A colleague often speaks about acknowledging the persona professors take on when they teach and how that persona embodies who they want to be in the classroom—essentially, whenever law professors teach they establish a character. The persona that a clinical professor adopts can have a profound effect on the students, because the character is the means by which the teacher subtly models for the student—without necessarily ever saying so— the professional the teacher holds herself to be and the student may yet become. In working on complex matters where the advocacy strategy is unclear, the clinical professor makes himself vulnerable by inviting students to witness his struggles as they work together to develop the most effective strategy. By making clear that he does not have all of the answers, partnering with his students to discover the answers, and sharing his own missteps along the way, a clinical law professor can reclaim opportunities to model how an experienced attorney acquires new knowledge and takes on new challenges that may be lost in smaller case representation.156 Clinical law faculty who wholeheartedly subscribe to the belief that professors fail to optimize student learning if students do not have primary control of a matter from beginning to end may view a decision to work in true partnership with students on a matter as a failure of clinical legal education. Indeed, this partnership model will inevitably impact student autonomy and ownership of the case.157 But, there is a unique value to a professor working with her student as a colleague and partner to navigate subject matter new to both student and professor.158 In this relationship, the professor can model how to exercise judgment and how to learn from practice: to independently learn new areas of law; to consult with outside colleagues, experts in the field, and community members without divulging confidential information; and to advise a client in the midst of ones own learning process.159 III. A Pedagogical Course Correction “If it offends your sense of justice, there’s a cause of action.” - Florence Roisman, Professor, Indiana University School of Law160 In response to the shifts in my students’ perspectives on racism and systemic discrimination, their reluctance to tackle systemic problems, their conditioned belief that strategic litigation should be a tool of last resort, and my own discomfort with reliance on small cases in my clinical teaching, I took a step back in my own practice. How could I better teach my students to be champions for justice even when they are overwhelmed by society’s injustice; to challenge the complex and systemic discrimination strangling minority communities, and to approach their work in the tradition of political lawyering. I reflected not only on my teaching, but also on my experiences as a civil rights litigator, to focus on what has helped me to continue doing the work despite the frustrations and difficulties. I realized I was spending too much time teaching my students foundational lawyering skills, and too little time focused on the broader array of skills I knew to be critical in the fight for racial justice. We regularly discussed systemic racism during my clinic seminars in order to place the students’ work on behalf of their clients within a larger context. But by relying on carefully curated small cases I was inadvertently desensitizing my students to a lawyer’s responsibility to challenge these systemic problems, and sending the message that the law operates independently from this background and context. I have an obligation to move beyond teaching my students to be “good soldiers for the status quo” to ensuring that the next generation is truly prepared to fight for justice.161 And, if my teaching methods are encouraging the reproduction of the status quo it is my obligation to develop new interventions.162 Jane Aiken’s work on “justice readiness” is instructive on this point. To graduate lawyers who better understand their role in advancing justice, Jane Aiken believes clinics should move beyond providing opportunities for students to have a social justice experience to promoting a desire and ability to do justice.163 She suggests creating disorienting moments by selecting cases where students have no outside authority on which to rely, requiring that they draw from their own knowledge base and values to develop a legal theory.164 Disorienting moments give students: experiences that surprise them because they did not expect to experience what they experienced. This can be as simple as learning that the maximum monthly welfare benefit for a family of four is about $350. Or they can read a [ ] Supreme Court case that upheld Charles Carlisle’s conviction because a wyer missed a deadline by one day even though the district court found there was insufficient evidence to prove his guilt. These facts are often disorienting. They require the student to step back and examine why they thought that the benefit amount would be so much more, or that innocence would always result in release. That is an amazing teaching moment. It is at this moment that we can ask students to examine their own privilege, how it has made them assume that the world operated differently, allowing them to be oblivious to the indignities and injustices that occur every day.165 Giving students an opportunity to “face the fact that they cannot rely on ‘the way things are’ and meet the needs of their clients” is a powerful approach to teaching and engaging students.166 But, complex problems call for larger and more sustained disorienting moments. Working with students on impact advocacy in the model of political lawyering provides a range of opportunities to immerse students in disorienting moments. A. Immersing Students in “Disorienting Moments”: Race, Poverty, and Pregnancy Today, I try to immerse my students in disorienting moments to make them justice ready and move them in the direction of political lawyering. My clinic docket has always included a small number of impact litigation matters. However, in the past these cases were carefully screened to ensure that they involved discrete legal issues and client groups. In addition, our representation always began after our outside co-counsel had already conducted an initial factual investigation, identified the core legal issues, and developed an overall advocacy strategy, freeing my students from these responsibilities. Now, my clinic takes on impact matters at earlier stages where the strategies are less clear and the legal questions are multifaceted and ill- defined. This mirrors the experiences of practicing social justice lawyers, who faced with an injustice, must discover the facts, identify the legal claims, develop strategy, cultivate allies, and ultimately determine what can be done—with the knowledge that “nothing” is not an option. This approach provides students with the space to wrestle with larger, systemic issues in a structured and supportive educational environment, taking on cases that seem difficult to resolve and working to bring some justice to that situation. They are also gaining experience in many of the fundamentals of political lawyering advocacy. Recently, my students began work on a new case. Several public and private hospitals in low-income New York City neighborhoods are drug testing pregnant women or new mothers without their knowledge or informed consent. This practice reflects a disturbing convergence between racial and economic disparities, and can have a profound impact on the lives of the poor women of color being tested at precisely the time when they are most in need of support. We began our work when a community organization reached out to the clinic and spoke to us about complaints that hospitals around New York City were regularly testing pregnant women—almost exclusively women of color—for drug use during prenatal check ups, during the chaos and stress of labor and delivery, or during post-delivery. The hospitals report positive test results to the City’s Administration for Children’s Services (“ACS”), which is responsible for protecting children from abuse and neglect, for further action.167 Most of the positive tests are for marijuana use. After a report is made, ACS commences an investigation to determine whether child abuse or neglect has taken place, and these investigations trigger inquiries into every aspect of a family’s life. They can lead to the institution of child neglect proceedings, and potentially to the temporary or permanent removal of children from the household. Even where that extreme result is avoided, an ACS investigation can open the door to the City’s continued, and potentially unwelcome, involvement in the lives of these families. These policies reflect deeply inequitable practices. Investigating a family after a positive drug test is not necessarily a bad thing. After all, ACS offers a number of supportive services that can help stabilize and strengthen vulnerable families. And of course, where children’s safety is at risk, removal may sometimes be the appropriate result. However, hospitals do not conduct regular drug tests of mothers in all New York City communities. Private hospitals in wealthy areas rarely test pregnant women or new mothers for drug misuse. In contrast, at hospitals serving poor women, drug testing is routine. Race and class should not determine whether such testing, and the consequences that result, take place. Investigating the New York City drug-testing program immersed the students in disorienting moments at every stage of their work. During our conversations, the students regularly expressed surprise and discomfort with the hospitals’ practices. They were disturbed that public hospitals— institutions on which poor women and women of color rely for something as essential as health care—would use these women’s pregnancy as a point of entry to control their lives.168 They struggled to explain how the simple act of seeking medical care from a hospital serving predominantly poor communities could deprive patients of the respect, privacy, and legal protections enjoyed by pregnant women in other parts of the City. And, they were shocked by the way institutions conditioned poor women to unquestioningly submit to authority.169 Many of the women did not know that they were drug tested until the hospital told them about the positive result and referred them to ACS. Still, these women were not surprised: that kind of disregard, marginalization, and lack of consent were a regular aspect of their lives as poor women of color. These women were more concerned about not upsetting ACS than they were about the drug testing. That so many of these women could be resigned to such a gross violation of their rights was entirely foreign to most of my students. B. Advocacy in the Face of Systemic Injustice Although the students are still in the early stages of their work, they have already engaged in many aspects of political justice lawyering. They approached their advocacy focused on the essence of political lawyering— enabling poor, pregnant women of color who enjoy little power or respect to claim and enjoy their rights, and altering the allocation of power from government agencies and institutions back into the hands of these women. They questioned whose interests these policies and practices were designed to serve, and have grounded their work in a vision of an alternative societal construct in which their clients and the community are respected and supported. The clinic students were given an opportunity to learn about social, legal, and administrative systems as they simultaneously explored opportunities to change those systems. The students worked to identify the short and long term goals of the impacted women as well the goals of the larger community, and to think strategically about the means best suited to accomplish these goals. And, importantly, while collaborating with partners from the community and legal advocacy organizations, the students always tried to keep these women centered in their advocacy. In breaking down the problem of drug testing poor women of color, the students worked through an issue that lives at the intersection of reproductive freedom, family law, racial justice, economic inequality, access to health care, and the war on drugs. In their factual investigation, which included interviews of impacted women, advocates, and hospital personnel, and the review of records obtained through Freedom of Information Law requests, the students began to break down this complex problem. They explored the disparate treatment of poor women and women of color by health care providers and government entities, implicit and explicit bias in healthcare, the disproportionate referral of women of color to ACS, the challenges of providing medical services to underserved communities, the meaning of informed consent, the diminished rights of people who rely on public services, and the criminalization of poverty. The students found that list almost as overwhelming as the initial problem itself, but identifying the components allowed the students to dig deeper and focus on possible avenues of challenge and advocacy. It was also critically important to make the invisible forces visible, even if the law currently does not provide a remedy. Working on this case also gave the students and me the opportunity to work through more nuanced applications of some of the lawyering concepts that were introduced in their smaller cases, including client-centered lawyering when working on behalf of the community; large-scale fact investigation; transferring their “social justice knowledge” to different contexts; crafting legal and factual narratives that are not only true to the communities’ experience, but can persuade and influence others; and how to develop an integrated advocacy plan. The students frequently asked whether we should even pursue the matter, questioning whether this work was client- centered when it was no longer the most pressing concern for many of the women we met. These doubts opened the door to many rich discussions: can we achieve meaningful social change if we only address immediate crises; can we progress on larger social justice issues without challenging their root causes; how do we recognize and address assumptions advocates may have about what is best for a client; and how can we keep past, present, and future victims centered in our advocacy? The work on the case also forced the clinic students to work through their own understanding of a hierarchy of values. They struggled with their desire to support these community hospitals and the public servants who work there under difficult circumstances on the one hand, and their desire to protect women, potentially through litigation, from discriminatory practices. They also struggled to reconcile their belief that hospitals should take all reasonable steps to protect the health and safety of children, as well as their emotional reaction to pregnant mothers putting their unborn children in harms way by using illegal drugs against the privacy rights of poor and marginalized women. They were forced to pause and think deeply about what justice would look like for those mothers, children, and communities. CONCLUSION America continues to grapple with systemic injustice. Political justice lawyering offers powerful strategies to advance the cause of justice—through integrated advocacy comprising the full array of tools available to social justice advocates, including strategic systemic reform litigation. It is the job of legal education to prepare law students to become effective lawyers. For those aspiring to social justice that should include training students to utilize the tools of political justice lawyers. Clinical legal offers a tremendous opportunity to teach the next generation of racial and social justice advocates how to advance equality in the face of structural inequality, if only it will embrace the full array of available tools to do so. In doing so, clinical legal education will not only prepare lawyers to enact social change, they can inspire lawyers overwhelmed by the challenges of change. In order to provide transformative learning experiences, clinical education must supplement traditional pedagogical tools and should consider political lawyering’s potential to empower law students and communities.

#### Unsustainability claims are suspect because our brains are wired for techno-pessimism – digital synchronicity can fix racism embedded in cybernetics thru human ingenuity and make the world materially better

Reinhart 18 (Will Rinehart is Director of Technology and Innovation Policy at the American Action Forum, where he specializes in telecommunication, Internet, and data policy, with a focus on emerging technologies and innovation. Rinehart previously worked at TechFreedom, where he was a Research Fellow. He was also previously the Director of Operations at the International Center for Law & Economics. In Defense of Techno-optimism. 10-10-2018. <https://techliberation.com/2018/10/10/in-defense-of-techno-optimism/> //shree)

Many are understandably pessimistic about platforms and technology. This year has been a tough one, from Cambridge Analytica and Russian trolls to the implementation of GDPR and data breaches galore. Those who think about the world, about the problems that we see every day, and about their own place in it, will quickly realize the immense frailty of humankind. Fear and worry makes sense. We are flawed, each one of us. And technology only seems to exacerbate those problems. But life is getting better. Poverty continues nose-diving; adult literacy is at an all-time high; people around the world are living longer, living in democracies, and are better educated than at any other time in history. Meanwhile, the digital revolution has resulted in a glut of informational abundance, helping to correct the informational asymmetries that have long plagued humankind. The problem we now face is not how to address informational constraints, but how to provide the means for people to sort through and make sense of this abundant trove of data. These macro trends don’t make headlines. Psychologists know that people love to read negative articles. Our brains are wired for pessimism. In the shadow of a year of bad news, it helpful to remember that Facebook and Google and Reddit and Twitter also support humane conversations. Most people aren’t going online to talk about politics and if you are, then you are rare. These sites are places where families and friends can connect. They offer a space of solace – like when chronic pain sufferers find others on Facebook, or when widows vent, rage, laugh and cry without judgement through the Hot Young Widows Club. Let’s also not forget that Reddit, while sometimes a place of rage and spite, is also where a weight lifter with cerebral palsy can become a hero and where those with addiction can find healing. And in the hardest to reach places in Canada, in Iqaluit, people say that “Amazon Prime has done more toward elevating the standard of living of my family than any territorial or federal program. Full stop. Period” Three-fourths of Americans say major technology companies’ products and services have been more good than bad for them personally. But when it comes to the whole of society, they are more skeptical about technology bringing benefits. Here is how I read that disparity: Most of us think that we have benefited from technology, but we worry about where it is taking the human collective. That is an understandable worry, but one that shouldn’t hobble us to inaction. Nor is technology making us stupid. Indeed, quite the opposite is happening. Technology use in those aged 50 and above seems to have caused them to be cognitively younger than their parents to the tune of 4 to 8 years. While the use of Google does seem to reduce our ability to recall information, studies find that it has boosted other kinds of memory, like retrieving information. Why remember a fact when you can remember where it is located? Concerned how audiobooks might be affecting people, Beth Rogowsky, an associate professor of education, compared them to physical reading and was surprised to find “no significant differences in comprehension between reading, listening, or reading and listening simultaneously.” Cyberbullying and excessive use might make parents worry, but NIH supported work found that “Heavy use of the Internet and video gaming may be more a symptom of mental health problems than a cause. Moderate use of the Internet, especially for acquiring information, is most supportive of healthy development.” Don’t worry. The kids are going to be alright. And yes, there is a lot we still need to fix. There is cruelty, racism, sexism, and poverty of all kinds embedded in our technological systems. But the best way to handle these issues is through the application of human ingenuity. Human ingenuity begets technology in all of its varieties. When Scott Alexander over at Star Slate Codex recently looked at 52 startups being groomed by startup incubator Y Combinator, he rightly pointed out that many of them were working for the betterment of all: Thirteen of them had an altruistic or international development focus, including Neema, an app to help poor people without access to banks gain financial services; Kangpe, online health services for people in Africa without access to doctors; Credy, a peer-to-peer lending service in India; Clear Genetics, an automated genetic counseling tool for at-risk parents; and Dost Education, helping to teach literacy skills in India via a $1/month course. Twelve of them seemed like really exciting cutting-edge technology, including CBAS, which describes itself as “human bionics plug-and-play”; Solugen, which has a way to manufacture hydrogen peroxide from plant sugars; AON3D, which makes 3D printers for industrial uses; Indee, a new genetic engineering system; Alem Health, applying AI to radiology, and of course the obligatory drone delivery startup. Eighteen of them seemed like boring meat-and-potatoes companies aimed at businesses that need enterprise data solution software application package analytics targeting management something something something “the cloud”. As for the other companies, they were the kind of niche products that Silicon Valley has come to be criticized for supporting. Perhaps the Valley deserves some criticism, but perhaps it deserves more credit than it’s been receiving as-of-late. Contemporary tech criticism displays a kind of anti-nostalgia. Instead of being reverent for the past, anxiety for the future abounds. In these visions, the future is imagined as a strange, foreign land, beset with problems. And yet, to quote that old adage, tomorrow is the visitor that is always coming but never arrives. The future never arrives because we are assembling it today. We need to work diligently together to piece together a better world. But if we constantly live in fear of what comes next, that future won’t be built. Optimism needn’t be pollyannaish. It only needs to be hopeful of a better world.

#### The reorientation to technology solves---all of their offense is about usage, but rejecting tech in its entireity fails

Paul Buckermann 17 {Sociologist interested in art and technology. Research assistant in NCCR eikones at University of Lucerne. “On Socialist Cybernetics, Accelerationist Dreams, and Tiqqun’s Nightmares.” http://networkcultures.org/longform/2016/12/19/communication-control-communism-on-socialist-cybernetics-accelerationist-dreams-and-tiqquns-nightmares/}//Comrade-JM

Srnicek and Williams deliver some practical hints for navigating towards radical futures, too. In general, they propose a counter-hegemonic strategy including radical think tanks, propaganda, alternative economics, hierarchical organizations, utopian pop-culture and all kinds of technological experimentation. Srnicek and Williams propose that representative parties should work together with mass movements and the state should be turned into a meaningful tool for the people. The authors shortly mention Chile’s Cybersyn and soviet cybernetics, which are analyzed in the next section, praising them as outstanding positive examples and seeing technological and political constraints as reasons for their failure. I want to offer deeper insights into decisive problems with these projects, problems that are related to political and bureaucratic structures in which innovations were implemented. COMMUNISM IS SOVIET POWER PLUS THE COMPUTERIZATION OF THE WHOLE COUNTRY Cybernetics and Computer-Based Socialist Economy in the Soviet Union Questions of economic calculation and cybernetic control were assessed politically in post-WWII Soviet Union. In the early 1950s both cybernetics as well as information theory – having emerged from military research in the US – were called pseudo-scientific, reactionary and idealistic. As seen in Tiqqun’s work, cybernetics was nevertheless also conceived as the enemy’s powerful ideological and technological weapon. Traditional soviet academics battled the idea of disciplinary take-overs, and media comments imagined the rise of robot-soldiers without conscience and robot-workers without class-consciousness. After Stalin’s death in 1953, the discourse successively changed. Nikita Khrushchev recognized cybernetics as a new form of governing technique and as a way to overcome the weak economic situation of the post-Stalin era. In 1957 the Soviet Academy of Sciences demanded an accelerated development and broader usage of computers and statistics for planning. In this era the so-called ‘cyberspeak’ gained an aura of objectivity and cybernetics became a powerful scientific paradigm in the Soviet Union. The soviet economy was also conceptualized by cybernetic ideas and planning was understood as a control system with various feedback loops. Especially the engineer Anatolii Kitov, deputy head of the Computation Center No. 1 of the Ministry of Defense wanted to reduce staff, inefficient data processing and administrative redundancies by building large computer networks between economic production and political decision patterns. Kitov wrote to Khrushchev in 1959, that computerization ‘make[s] it possible to use to the full extent the main economic advantages of the socialist system: planned economy and centralized control. The creation of an automated management system […] would ensure a complete victory of socialism over capitalism.’ Kitov soon lost his academic position and party membership because of formal and power-related reasons after he proposed a dual-use network of the military and civil sector. Military authorities criticized Kitov heavily, because they were not interested in any associations to potential economic weakness. Political authorities were concerned about their loss of direct control and the lack of ideology in automated management. In 1961, the Communist Party adopted their program’s third version at the 22nd party congress, including this passage: ‘automation will be effected on a mass scale, with increasing emphasis on fully automated shops and factories, making for high technical and economic efficiency. […] Cybernetics, electronic computer and control systems will be widely applied in production processes in industry, building, and transport, in scientific research, planning, designing, accounting, statistics, and management.’ Within this new party politics Viktor Glushkov was contacted by officials and started to work on new ideas (see also Glushkov’s personal reminiscences). His plan for a computer network all over the Soviet Union for monitoring labor, production and retailing would integrate a number of existing informational infrastructures and included more than 100 regional network nodes interconnected by wide-band channels as well as over twenty thousand local computer centers. The structure would additionally provide a distributed data bank accessible from everywhere. This idea for data compiling, storing and processing, later specified together with Nikolai Fedorenko, was crucial to the whole concept and would have meant a major shift in soviet bureaucracy. Instead of collecting raw economic data and feeding different administrative channels, Glushkov and Federenko thought of single storage in central data banks, which would then be made accessible for all different kinds of usage. But Glushkov’s plans reached even further: to reorganize the whole bureaucracy and, for example, to abolish material money. The opposition against such proposals quickly increased. The plans were criticized from three positions. First, bureaucrats and factory managers did not feel attracted to more observation and standardized control over their daily work and general efficiency. Second, more liberal economists saw a new rise of centralization and extensive planning from above. Finally, the building of a universal computerized data network was confronted with resistance from top political level in order to preserve the administrative status quo. With an eye on the US-American ARPANET in the late 1960s, Glushkov developed and promoted OGAS (Russian abbreviation for Statewide Automated Management System for Collection and Processing of Information), a cybernetic design for controlling all civil production and retailing of the Soviet Union. OGAS included the former plans of thousands of computer centers, the connection of automation networks and the installation of a powerful supervising agency. Driven by the wish to conserve the balance of power and authority over strictly divided competences, the general cybernetic idea of OGAS was fragmented into separate technological tools. After the 24th Party Congress of 1971, several ministries, agencies, the party and the military increased their individual implementation of networks and information technology for their particular needs. They all focused on the technological aspects and neglected the comprehensive cybernetic management models. The different programs were not compatible to each other, both on hardware and software levels. Beside the secret and non-transparent systems of the military sector, there were single and incompatible networks constructed for aviation, banking, weather prediction, as well as numerous state and party bodies. I want to emphasize one particular insight that is central for the progress of cyber-communist approaches. Technological and scientific insufficiencies were not the prime problem for building a general cybernetic system for the Soviet economy. Instead, political mechanisms of power, information exclusivity and competence skirmishes prevented a technologically bolstered, cybernetic re-coordination of the economy. The political, academic and military divisions showed a tendency for applying only parts of the large-scale innovations for their particular purpose. Computer technology, information networks and especially cybernetic modeling are by definition general ideas applicable to various problems. Military authorities, economics, politicians and scientists did all anticipate benefits for their particular needs in the Cold War. One problem in the Soviet Union was, for example, the lack of standardization and coordination for computer networks. In the US and the Western World, general communication protocols, like TCP/IP, or addressing systems, like DNS, were widely implemented over a battled period spanning into the 1980s. Without such standards for digital communication and because of incompatible hardware and software the bunch of different soviet networks were never to be connected. Each one was sheltered and veiled by intransparency and the fear of losing already gained privileges.

#### Here’s a unique impact to edtech which is specifically good even if they don’t link to overall tech – its key to the sustainability of the global economy

ETG 16 (May 25, 2016, EdTechXGlobal connects the global EdTech community though insight, investment and annual thought leadership event series, quotes Ben Vedrenne – founder of Edtech Europe, Global Report Predicts EdTech Spend to Reach $252bn by 2020, https://www.prnewswire.com/news-releases/global-report-predicts-edtech-spend-to-reach-252bn-by-2020-580765301.html)//AP

\*\* MOOC = Massive Open Online Course

Leading education technology-focused conference, EdTechXGlobal has today released its forecast for the biggest trends set to impact the EdTech industry in 2016, from a report produced in partnership with IBIS Capital. Ahead of the annual summit in June, the report also demonstrates how the EdTech market has changed dramatically, with a growing realisation of the impact EdTech is having on the way skills are acquired and developed for the 21st Century workforce. The report finds EdTech market acceleration will be hugely dictated by the global education expenditure market, as education becomes increasingly more expensive. In fact, the market is now over $5tn, 8x the size of the software market and 3x size of the media and entertainment industry, yet **education is only 2% digitised.** With the market expanding rapidly, so too is the annual summit, which will this year take place over two-days in London, with the launch of an inaugural Asian event in November. "We expect a long rising tide rather than an avalanche, and as such, we need to manage our expectations accordingly," explained Benjamin Vedrenne-Cloquette, Co-Founder, EdTechXGlobal. "We estimate that the speed of digitisation in education will be up to **five times slower** than has been seen in other sectors, due primarily to the increased number of gate keepers involved in digital transition decisions, teachers, institutions, governing bodies, districts and policy makers amongst a few". Education technology is becoming a global phenomenon, and as **distribution and platforms scale internationally**, the market is projected to grow at 17.0% per annum, to $252bn by 2020. To date, **the US has set the trend and pace of the EdTech market.** Asia is now experiencing the world's fastest growth in investment into the sector, and Europe has seen increases in M&A; however, **this region remains a largely under-invested** and fragmented market. Mobile penetration, particularly smartphones, will be a game-changer towards delivering and supporting learning, and driving growth. The report notes that North America, Europe and the commonwealth states lead in internet and mobile penetration, while substantial growth is expected across emerging markets, with mobile being a catalyst for delivering and supporting learning. With 90% of the world's population under 30 already being in emerging markets, education and vocational training in the area will be led by mobile first strategies. Population growth will be a key challenge for the EdTech sector. By 2035, there are expected to be 2.7bn students worldwide, and in order to meet higher education demand under the current structure; two universities need to be built per day, over the next twenty years. As such, the report states that this is leading education providers to seek ways to capitalise on growth by expanding their brand **to export markets** so individuals can access internationally recognised qualifications. With the recognition of online education qualifications long representing a challenge for the industry, the report indicates that MOOC job conversion rates are increasing,

**largely driven by demand from employers for skilled workers.** Although monetisation still remains unclear, the report draws up solid examples of successes in this respect with Coursera, an educational technology company that offers MOOCs, sited as being set to reach $30m in revenues per year thanks to its steps to solve marginal cost and positive impacts at a massive scale. **The report predicts a global workforce crisis powered by extreme automation.** The 'Fourth Industrial Revolution' will see an increase in workforce automation to include not only highly repetitive low-skill jobs, but also highly routine medium-skill jobs. This will accelerate disparity between the supply and demand of candidates and force employees to learn new skills, both within the workplace and in educational establishments. Benjamin continues, "in a rapidly evolving economy where skill sets continue to progress at an accelerated pace, digital models offer a way to capture these changes and offer new routes for re-skilling as well as addressing widespread labour shortages, 50% of current jobs won't exist in 2025, and consequently, there will be a growing need to re-train the workforce in order to address current skill gaps and increase the use of continuous learning." The report's findings will be discussed in detail at the summit on 15th-16th June, during which more than 800 delegates and over 150 speakers are expected to come together to engage in keynote speeches, fireside chats and panel discussions, to share knowledge and champion growth in the EdTech sector. Formally known as EdTech Europe, the London event has grown exponentially over the last three years, undergoing a branding overhaul in 2016 to reflect a burgeoning interest from international delegates. Now, along with the newly launched EdTechXAsia event, EdTechXEurope will sit under the EdTechXGlobal umbrella of events, to provide a truly worldwide platform for global EdTech experts, investors and innovators.

#### Economic decline causes war – overwhelms interconnected systems and causes cascading failure.

Pamlin and Armstrong 15[Dennis Pamlin, Executive Project Manager, Global Challenges Foundation, Stuart Armstrong, James Martin Research Fellow, Future of Humanity Institute. February 2015. “Global Challenges: 12 Risks that Threaten Human Civilization.*”* http://www.astro.sunysb.edu/fwalter/HON301/12-Risks-with-infinite-impact-full-report-1.pdf]

Often economic collapse is accompanied by social chaos, civil unrest and sometimes a breakdown of law and order. Societal collapse usually refers to the fall or disintegration of human societies, often along with their life support systems. It broadly includes both quite abrupt societal failures typified by collapses, and more extended gradual declines of superpowers. Here only the former is included. The world economic and political system is made up of many actors with many objectives and many links between them. Such intricate, interconnected systems are subject to unexpected system-wide failures due to the structure of the network – even if each component of the network is reliable. This gives rise to systemic risk: systemic risk occurs when parts that individually may function well become vulnerable when connected as a system to a self-reinforcing joint risk that can spread from part to part (contagion), potentially affecting the entire system and possibly spilling over to related outside systems. Such effects have been observed in such diverse areas as ecology, finance and critical infrastructure (such as power grids). They are characterised by the possibility that a small internal or external disruption could cause a highly non-linear effect, including a cascading failure that infects the whole system, as in the 2008-2009 financial crisis. The possibility of collapse becomes more acute when several independent networks depend on each other, as is increasingly the case (water supply, transport, fuel and power stations are strongly coupled, for instance). This dependence links social and technological systems as well.319 This trend is likely to be intensified by continuing globalisation, while global governance and regulatory mechanisms seem inadequate to address the issue. This is possibly because the tension between resilience and efficiency can even exacerbate the problem. Many triggers could start such a failure cascade, such as the infrastructure damage wrought by a coronal mass ejection,324 an ongoing cyber conflict, or a milder form of some of the risks presented in the rest of the paper. Indeed the main risk factor with global systems collapse is as something which may exacerbate some of the other risks in this paper, or as a trigger. But a simple global systems collapse still poses risks on its own. The productivity of modern societies is largely dependent on the careful matching of different types of capital (social, technological, natural...) with each other. If this matching is disrupted, this could trigger a “social collapse” far out of proportion to the initial disruption. States and institutions have collapsed in the past for seemingly minor systemic reasons. And institutional collapses can create knock-on effects, such as the descent of formerly prosperous states to much more impoverished and destabilising entities. Such processes could trigger damage on a large scale if they weaken global political and economic systems to such an extent that secondary effects (such as conflict or starvation) could cause great death and suffering.

#### Nuke war causes extinction AND outweighs other existential risks

-checked (sid)

PND 16. internally citing Zbigniew Brzezinski, Council of Foreign Relations and former national security adviser to President Carter, Toon and Robock’s 2012 study on nuclear winter in the Bulletin of Atomic Scientists, Gareth Evans’ International Commission on Nuclear Non-proliferation and Disarmament Report, Congressional EMP studies, studies on nuclear winter by Seth Baum of the Global Catastrophic Risk Institute and Martin Hellman of Stanford University, and U.S. and Russian former Defense Secretaries and former heads of nuclear missile forces, brief submitted to the United Nations General Assembly, Open-Ended Working Group on nuclear risks. A/AC.286/NGO/13. 05-03-2016. <http://www.reachingcriticalwill.org/images/documents/Disarmament-fora/OEWG/2016/Documents/NGO13.pdf> //Re-cut by Elmer

Consequences human survival 12. Even if the 'other' side does NOT launch in response the smoke from 'their' burning cities (incinerated by 'us') will still make 'our' country (and the rest of the world) uninhabitable, potentially inducing global famine lasting up to decades. Toon and Robock note in ‘Self Assured Destruction’, in the Bulletin of Atomic Scientists 68/5, 2012, that: 13. “A nuclear war between Russia and the United States, even after the arsenal reductions planned under New START, could produce a nuclear winter. Hence, an attack by either side could be suicidal, resulting in self assured destruction. Even a 'small' nuclear war between India and Pakistan, with each country detonating 50 Hiroshima-size atom bombs--only about 0.03 percent of the global nuclear arsenal's explosive power--as air bursts in urban areas, could produce so much smoke that temperatures would fall below those of the Little Ice Age of the fourteenth to nineteenth centuries, shortening the growing season around the world and threatening the global food supply. Furthermore, there would be massive ozone depletion, allowing more ultraviolet radiation to reach Earth's surface. Recent studies predict that agricultural production in parts of the United States and China would decline by about **20 percent** for four years, and by 10 percent for a decade.” 14. A conflagration involving USA/NATO forces and those of Russian federation would most likely cause the deaths of most/nearly all/all humans (and severely impact/extinguish other species) as well as destroying the delicate interwoven techno-structure on which latter-day 'civilization' has come to depend. Temperatures would drop to below those of the last ice-age for up to 30 years as a result of the lofting of up to 180 million tonnes of very black soot into the stratosphere where it would remain for decades. 15. Though human ingenuity and resilience shouldn't be underestimated, human survival itself is arguably problematic, to put it mildly, under a 2000+ warhead USA/Russian federation scenario. 16. The Joint Statement on Catastrophic Humanitarian Consequences signed October 2013 by 146 governments mentioned 'Human Survival' no less than 5 times. The most recent (December 2014) one gives it a highly prominent place. Gareth Evans’ ICNND (International Commission on Nuclear Non-proliferation and Disarmament) Report made it clear that it saw the threat posed by nuclear weapons use as one that at least threatens what we now call 'civilization' and that potentially threatens human survival with an immediacy that even climate change does not, though we can see the results of climate change here and now and of course the immediate post-nuclear results for Hiroshima and Nagasaki as well.

#### Extinction is the only coherent and egalitarian framework – prefer it

Khan 18 (Risalat, activist and entrepreneur from Bangladesh passionate about addressing climate change, biodiversity loss, and other existential challenges. He was featured by The Guardian as one of the “young climate campaigners to watch” (2015). As a campaigner with the global civic movement Avaaz (2014-17), Risalat was part of a small core team that spearheaded the largest climate marches in history with a turnout of over 800,000 across 2,000 cities. After fighting for the Paris Agreement, Risalat led a campaign joined by over a million people to stop the Rampal coal plant in Bangladesh to protect the Sundarbans World Heritage forest, and elicited criticism of the plant from Crédit Agricolé through targeted advocacy. Currently, Risalat is pursuing an MPA in Environmental Science and Policy at Columbia University as a SIPA Environmental Fellow, “5 reasons why we need to start talking about existential risks,” https://www.weforum.org/agenda/2018/01/5-reasons-start-talking-existential-risks-extinction-moriori/)

Infinite future possibilities I find the story of the Moriori profound. It teaches me two lessons. Firstly, that human culture is far from immutable. That we can struggle against our baser instincts. That we can master them and rise to unprecedented challenges. Secondly, that even this does not make us masters of our own destiny. We can make visionary choices, but the future can still surprise us. This is a humbling realization. Because faced with an uncertain future, the only wise thing we can do is prepare for possibilities. Standing at the launch pad of the Fourth Industrial Revolution, the possibilities seem endless. They range from an era of abundance to the end of humanity, and everything in between. How do we navigate such a wide and divergent spectrum? I am an optimist. From my bubble of privilege, life feels like a rollercoaster ride full of ever more impressive wonders, even as I try to fight the many social injustices that still blight us. However, the accelerating pace of change amid uncertainty elicits one fundamental observation. Among the infinite future possibilities, only one outcome is truly irreversible: extinction. Concerns about extinction are often dismissed as apocalyptic alarmism. Sometimes, they are. But repeating that mankind is still here after 70 years of existential warning about nuclear warfare is a straw man argument. The fact that a 1000-year flood has not happened does not negate its possibility. And there have been far too many nuclear near-misses to rest easy. As the World Economic Forum’s Annual Meeting in Davos discusses how to create a shared future in a fractured world, here are five reasons why the possibility of existential risks should raise the stakes of conversation: 1. Extinction is the rule, not the exception More than 99.9% of all the species that ever existed are gone. Deep time is unfathomable to the human brain. But if one cares to take a tour of the billions of years of life’s history, we find a litany of forgotten species. And we have only discovered a mere fraction of the extinct species that once roamed the planet. In the speck of time since the first humans evolved, more than 99.9% of all the distinct human cultures that have ever existed are extinct. Each hunter-gatherer tribe had its own mythologies, traditions and norms. They wiped each other out, or coalesced into larger formations following the agricultural revolution. However, as major civilizations emerged, even those that reached incredible heights, such as the Egyptians and the Romans, eventually collapsed. It is only in the very recent past that we became a truly global civilization. Our interconnectedness continues to grow rapidly. “Stand or fall, we are the last civilization”, as Ricken Patel, the founder of the global civic movement Avaaz, put it. 2. Environmental pressures can drive extinction More than 15,000 scientists just issued a ‘warning to humanity’. They called on us to reduce our impact on the biosphere, 25 years after their first such appeal. The warning notes that we are far outstripping the capacity of our planet in all but one measure of ozone depletion, including emissions, biodiversity, freshwater availability and more. The scientists, not a crowd known to overstate facts, conclude: “soon it will be too late to shift course away from our failing trajectory, and time is running out”. In his 2005 book Collapse, Jared Diamond charts the history of past societies. He makes the case that overpopulation and resource use beyond the carrying capacity have often been important, if not the only, drivers of collapse. Even though we are making important incremental progress in battles such as climate change, we must still achieve tremendous step changes in our response to several major environmental crises. We must do this even while the world’s population continues to grow. These pressures are bound to exert great stress on our global civilization. 3. Superintelligence: unplanned obsolescence? Imagine a monkey society that foresaw the ascendance of humans. Fearing a loss of status and power, it decided to kill the proverbial Adam and Eve. It crafted the most ingenious plan it could: starve the humans by taking away all their bananas. Foolproof plan, right? This story describes the fundamental difficulty with superintelligence. A superintelligent being may always do something entirely different from what we, with our mere mortal intelligence, can foresee. In his 2014 book Superintelligence, Swedish philosopher Nick Bostrom presents the challenge in thought-provoking detail, and advises caution. Bostrom cites a survey of industry experts that projected a 50% chance of the development of artificial superintelligence by 2050, and a 90% chance by 2075. The latter date is within the life expectancy of many alive today. Visionaries like Stephen Hawking and Elon Musk have warned of the existential risks from artificial superintelligence. Their opposite camp includes Larry Page and Mark Zuckerberg. But on an issue that concerns the future of humanity, is it really wise to ignore the guy who explained the nature of space to us and another guy who just put a reusable rocket in it? 4. Technology: known knowns and unknown unknowns Many fundamentally disruptive technologies are coming of age, from bioengineering to quantum computing, 3-D printing, robotics, nanotechnology and more. Lord Martin Rees describes potential existential challenges from some of these technologies, such as a bioengineered pandemic, in his book Our Final Century. Imagine if North Korea, feeling secure in its isolation, could release a virulent strain of Ebola, engineered to be airborne. Would it do it? Would ISIS? Projecting decades forward, we will likely develop capabilities that are unthinkable even now. The unknown unknowns of our technological path are profoundly humbling. 5. 'The Trump Factor' Despite our scientific ingenuity, we are still a confused and confusing species. Think back to two years ago, and how you thought the world worked then. Has that not been upended by the election of Donald Trump as US President, and everything that has happened since? The mix of billions of messy humans will forever be unpredictable. When the combustible forces described above are added to this melee, we find ourselves on a tightrope. What choices must we now make now to create a shared future, in which we are not at perpetual risk of destroying ourselves? Common enemy to common cause Throughout history, we have rallied against the ‘other’. Tribes have overpowered tribes, empires have conquered rivals. Even today, our fiercest displays of unity typically happen at wartime. We give our lives for our motherland and defend nationalistic pride like a wounded lion. But like the early Morioris, we 21st-century citizens find ourselves on an increasingly unstable island. We may have a violent past, but we have no more dangerous enemy than ourselves. Our task is to find our own Nunuku’s Law. Our own shared contract, based on equity, would help us navigate safely. It would ensure a future that unleashes the full potential of our still-budding human civilization, in all its diversity. We cannot do this unless we are humbly grounded in the possibility of our own destruction. Survival is life’s primal instinct. In the absence of a common enemy, we must find common cause in survival. Our future may depend on whether we realize this.

Zoom is inevitable – we all use it to avoid COVID, so rejection reentranches disease and leads to net MORE exclusion, but it’s good for activists to connect and create resistance to governments. Their own participation proves it’s inevitable AND their use of it for competitive merit proves their argument is a moral hazard

AT Reed

Empirically disprove