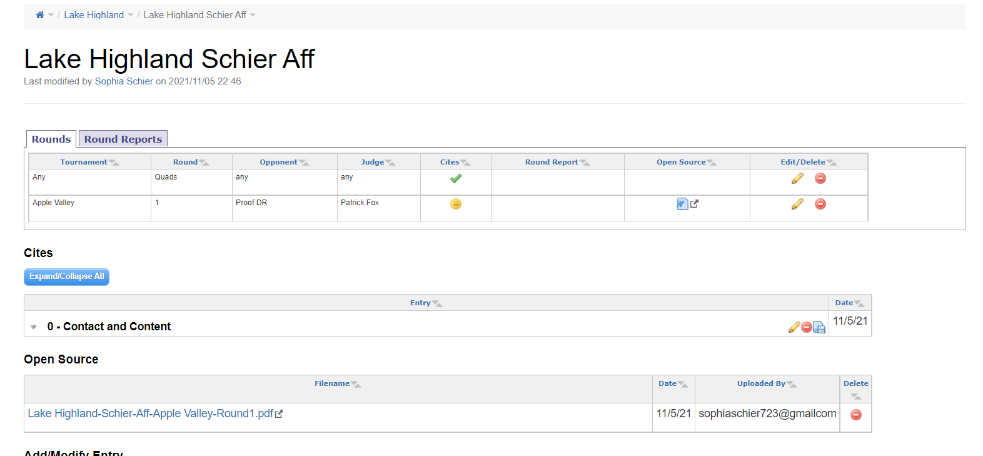
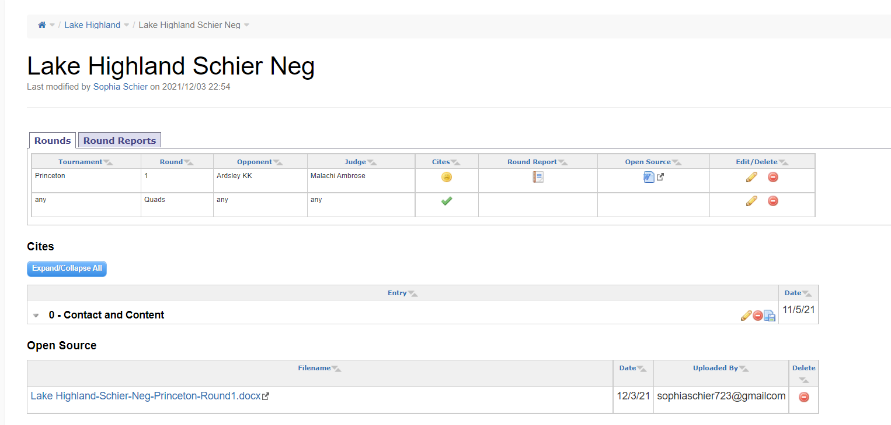
**TW – mentions of suicide, not read, but it’s in the card if you chose to read it after the round**

## 1

#### Interpretation: Debaters must disclose all broken constructive positions on open source with highlighting on the 2021-22 NDCA LD wiki under their own names and schools after the round in which they read them

#### Violation – they don’t see the attached screenshots – they debated at apple valley but only have 1 round disclosed





#### 1] Debate resource inequities—you’ll say people will steal cards, but that’s good—it’s the only way to truly level the playing field for students such as novices in under-privileged programs who can’t bypass paywalled articles.

Louden 10 – Allan D. Louden, professor of Communication at Wake Forest (“Navigating Opportunity: Policy Debate in the 21st Century” Wake Forest National Debate Conference. IDEA, 2010)

Groups interested in engaging in competitive National Debate Tournament (NDT)-Cross Examination Debate Association (CEDA)-style policy debate are entering an exciting time in the debate community where **digital resources are making research and networking increasingly accessible**. Those developing programs should be encouraged to choose their own topics and resolutions, but they should also make use of the massive resources available by focusing on the official NDT-CEDA resolution. **New initiatives in the field of open-source debate make evidence sharing, such as the Open Caselist, a powerful tool for new programs to engage and compete against established teams**. It is no coincidence that **the winners of the NDT tend to be the schools with the largest coaching staffs, but the increased distribution and free sharing of evidence and resources have made smaller debate programs increasingly capable of competing against larger institutions**. We are now seeing the beginnings of **increased resource sharing**, with multiple initiatives focusing on regional evidence sharing for groups of developing debate programs. This **is one example of dramatic changes occurring in the community that are capable of opening the doors for new participation in debate**. Regardless of outside influence, such as an organized campaign by preexisting debate organizations to increase resource distribution, students are independently capable of establishing the foundations for a larger competitive program. The following suggestions are a nonlinear set of options available to students who wish to establish a struc-tured and coached debate program, and eventually developing the capability to maintain multiple professional teaching positions, such as those discussed earlier in the chapter.

#### 2] Evidence ethics – open source is the only way to verify pre-round that cards aren’t miscut or highlighted or bracketed unethically. That’s a voter – maintaining ethical ev practices is key to being good academics and we should be able to verify you didn’t cheat

#### 3] Depth of clash – it allows debaters to have nuanced researched objections to their opponents evidence before the round at a much faster rate, which leads to higher quality ev comparison – outweighs cause thinking on your feet is NUQ but the best quality responses come from full access to a case.

#### Fairness – all arguments concede the validity of fairness

#### Education – the only reason schools fund debate

#### Competing interps on theory – A] disclosing is a yes/no question, you can’t reasonably not disclose B] norm setting – reasonability is arbitrary and invites judge intervention C] reasonability causes a race to the bottom.

#### Drop the debater – Sets good norms for the debate space, losing this round will make my opponent disclose next round, Dropping the argument means dropping their case essentially making it a drop the debater

#### No RVIs: 1] Encourages theory baiting and chills checking real abuse. 2] Illogical b/c don’t win for being fair and logic is meta-constraint on arguments because it comes lexically prior.

## 2

#### THE DIGITAL AGE IS HERE – Technology has created an age of constant information and signifiers floating through our phones and computers as media. This creates a dyslexia – reduced attention spans, no time for true human interaction – this leads to information overload, which is too fast for our organic minds to keep up with – that causes depression and drug use. It’s no coincidence that the rise of tech in the 80s was complimented with a drug epidemic. These signifiers must be evaluated; thus, the role of the ballot is to disrupt semiocapitalism.

**Berardi 09** [Franco Berardi, Italian communist theorist and activist in the autonomist tradition, whose work mainly focuses on the role of the media and information technology within post-industrial capitalism Precarious Rhapsody, by Franco Bifo Berardi et al., AK Press, 2009. P. 40-42 // LEX JB]

* TW – mentions of suicide, not read, but it’s in the card if you chose to read it after the round

The acceleration of information exchange has produced and is producing an effect of a pathological type on the individual human mind and even more on the collective mind. Individuals are not in a position to consciously process the immense and always growing mass of information that enters their computers, their cell phones, their television screens, their electronic diaries and their heads. However, it seems indispensable to follow, recognize, evaluate, process all this information if you want to be efficient, competitive, victorious. The practice of multitasking, the opening of a window of hypertextual attention, the passage from one context to another for the complex evaluation of processes, tends to deform the sequential modality of mental processing. According to Christian Marazzi, who has concerned himself in various books with the relations between economics, language and affectivity, the latest generation of economic operators is affected by a real and proper form of dyslexia, incapable of reading a page from the beginning to the end according to sequential procedures, incapable of maintaining concentrated attention on the same object for a long time. And dyslexia spreads to cognitive and social behaviors, leading to rendering the pursuit of linear strategies nearly impossible. Some, like Davenport and Beck , speak of an attention economy. But when a cognitive faculty enters into and becomes part of economic discourse this means that it has become a scarce resource. The necessary time for paying attention to the fluxes of information to which we are exposed and which must be evaluated in order to be able to make decisions is lacking. The consequence is in front of our eyes: political and economic decisions no longer respond to a long term strategic rationality and simply follow immediate interests. On the other hand, we are always less available for giving our attention to others gratuitously. We no longer have the attention time for love, tenderness, nature, pleasure and compassion. Our attention is ever more besieged and therefore we assign it only to our careers, to competition and to economic decisions. And in any case our temporality cannot follow the insane speed of the hypercomplex digital machine. Human beings tend to become the ruthless executors of decisions taken without attention. The universe of transmitters, or cyberspace, now proceeds at a superhuman velocity and becomes untranslatable for the universe of receivers, or cybertime, that cannot go faster than what is allowed by the physical material from which our brain is made, the slowness of our body, the need for caresses and affection. Thus opens a pathological gap and mental illness spreads as testified by the statistics and above all our everyday experience. And just as pathology spreads, so too do drugs. The flourishing industry of psychopharmaceuticals beats records every year, the number of packets of Ritalin, Prozac, Zoloft and other psychotropics sold in the pharmacies continually increases, while dissociation, suffering, desperation, terror, the desire not to exist, to not have to fight continuously, to disappear grows alongside the will to kill and to kill oneself. When, towards the end of the 1970s, an acceleration of the productive and communicative rhythms in occidental metropolitan centers was imposed, a gigantic epidemic of drug addiction made its appearance. The world was leaving its human epoch to enter the era of machinic posthuman acceleration: many sensitive organisms of the human variety began to snort cocaine, a substance that permits the acceleration of the existential rhythm leading to transforming oneself into a machine. Many other sensitive organisms of the human kind injected heroin in their veins, a substance that deactivates the relation with the speed of the surrounding atmosphere. The epidemic of powders during the 1970s and the 1980s produced an existential and cultural devastation with which we still haven’t come to terms with. Then illegal drugs were replaced by those legal substances which the pharmaceutical industry in a white coat made available for its victims and this was the epoch of anti-depressants, of euphorics and of mood regulators. Today psychopathy reveals itself ever more clearly as a social epidemic and, more precisely, a socio-communicational one. If you want to survive you have to be competitive and if you want to be competitive you must be connected, receive and process continuously an immense and growing mass of data. This provokes a constant attentive stress, a reduction of the time available for affectivity. These two tendencies, inseparably linked, provoke an effect of devastation on the individual psyche: depression, panic, anxiety, the sense of solitude and existential misery. But these individual symptoms cannot be indefinitely isolated, as psychopathology has done up until now and as economic power wishes to do.

#### The topic’s call for unionization and strikes might have worked a century ago, but post digital infosphere, the solvency is impossible.

**Berardi 11** [Franco Berardi, Italian communist theorist and activist in the autonomist tradition, whose work mainly focuses on the role of the media and information technology within post-industrial capitalism “Chapter 4 Exhastion and Subjectivity.” After the Future, by Franco Bifo Berardi et al., AK Press, 2011. P. 107-108 // LEX JB]

The financial cycle is bleeding the social environment dry: sucking energies, resources, and the future. And giving nothing back. Recovery of the financial process of valorization of capital is totally separated from the cycle of material production and social demand. Financial capitalism has obtained autonomy from social life. Let’s consider the political side of the same problem: once upon a time when society was suffering the blows of recession, workers reacted with strikes, struggle and political organization, and forced state intervention in order to increase demand. Industrial growth needed mass consumption and social stability. What is impressive in the ongoing crisis, on the contrary, is the widespread passivity of the workers, their inability to unionize. The political trend in Europe is the meltdown of leftist parties and the labor movement. In the US, Obama is daily attacked by racist and populist mobs, but no progressive social movement is emerging. 1.2 million people have had their mortgages foreclosed upon and lost their houses following the sub-prime swindle, but no organized reaction has surfaced. People suffer and cry alone. In the old time of industrial capitalism, the working class could fight against a target that was precisely identified: the boss, the entrepreneur who was the owner of material things like the factory, and of the product of his laborers. Nowadays the boss has vanished. He is fragmented into billions of financial segments, and disseminated into millions of financial agents scattered all around the world. The workers themselves are part of recombinant financial capital. They are expecting future revenues from their pension fund investments. They own stock options in the enterprise exploiting their labor. They are hooked up, like a fly in a spider web, and if they move, they get strangled, but if they don’t move, the spider will suck their life from them. Society may rot, fall apart, agonize. It is not going to affect the political and economic stability of capitalism. What is called economic recovery is a new round of social devastation. So the recession is over, capitalism is recovering. Nonetheless, unemployment is rising and misery is spreading. This means that financial capitalism is autonomous from society. Capitalism doesn’t need workers: it just needs cellular fractals of labor, underpaid, precarious, de-personalised. Fragments of impersonal nervous energy, recombined by the network. The crisis is going to push forward technological change, and the substitution of human labor with machines. The employment rate is not going to rise in the future, and productivity will increase. A shrinking number of workers will be forced to produce more and more, and to work overtime. The real bubble is the work bubble. We have been working too much; we are still working too much. The human race does not need more goods, it needs a redistribution of existing goods, an intelligent application of technology and a worldwide cut in the lifetime dedicated to labor. Social energies have to be freed from labor dependence, and returned to the field of social affection, education, and therapy. We should take seriously the concept of autonomy. In the present condition autonomy means exodus from the domain of economic law: Out-onomy, abandonment of the field of economic exchange, self-organization of knowledge and of production in a sphere of social life which is no longer dependent on economic culture and expectations – barter, free exchange of time and of competence, food self reliance, occupation of territories in the cities, organization of self-defense.

#### Thus, the only alternative is to symbolically take the system hostage through it’s own method of exhaustion. We do this through radical passivity and a method of the Wu Wei – only radical passivity can escape the infosphere. Its condo

**Berardi 11** [Franco Berardi, Italian communist theorist and activist in the autonomist tradition, whose work mainly focuses on the role of the media and information technology within post-industrial capitalism “Chapter 4 Exhastion and Subjectivity.” After the Future, by Franco Bifo Berardi et al., AK Press, 2011. P. 107-108 // LEX JB]

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The process of collective subjectivation (i.e. social recomposition) implies the development of a common language-affection which is essentially happening in the temporal dimension. The semiocapitalist acceleration of time has destroyed the social possibility of sensitive elaboration of the semio-flow. The proliferation of simulacra in the info-sphere has saturated the space of attention and imagination. Advertising and stimulated hyper-expression (“just do it”), have submitted the energies of the social psyche to permanent mobilization. Exhaustion follows, and exhaustion is the only way of escape: Nothing, not even the system, can avoid the symbolic obligation, and it is in this trap that the only chance of a catastrophe for capital remains. The system turns on itself, as a scorpion does when encircled by the challenge of death. For it is summoned to answer, if it is not to lose face, to what can only be death. The system must itself commit suicide in response to the multiplied challenge of death and suicide. So hostages are taken. On the symbolic or sacrificial plane, from which every moral consideration of the innocence of the victims is ruled out the hostage is the substitute, the alter-ego of the terrorist, the hostage’s death for the terrorist. Hostage and terrorist may thereafter become confused in the same sacrificial act. (Baudrillard 1993a: 37) In these impressive pages Baudrillard outlines the end of the modern dialectics of revolution against power, of the labor movement against capitalist domination, and predicts the advent of a new form of action which will be marked by the sacrificial gift of death (and self-annihilation). After the destruction of the World Trade Center in the most important terrorist act ever, Baudrillard wrote a short text titled The Spirit of Terrorism where he goes back to his own predictions and recognizes the emergence of a catastrophic age. When the code becomes the enemy the only strategy can be catastrophic: all the counterphobic ravings about exorcizing evil: it is because it is there, everywhere, like an obscure object of desire. Without this deep-seated complicity, the event would not have had the resonance it has, and in their symbolic strategy the terrorists doubtless know that they can count on this unavowable complicity. (Baudrillard 2003: 6) This goes much further than hatred for the dominant global power by the disinherited and the exploited, those who fell on the wrong side of global order. This malignant desire is in the very heart of those who share this order’s benefits. An allergy to all definitive order, to all definitive power is happily universal, and the two towers of the World Trade Center embodied perfectly, in their very double-ness (literally twin-ness), this definitive order: No need, then, for a death drive or a destructive instinct, or even for perverse, unintended effects. Very logically – inexorably – the increase in the power heightens the will to destroy it. And it was party to its own destruction. When the two towers collapsed, you had the impression that they were responding to the suicide of the suicide-planes with their own suicides. It has been said that “Even God cannot declare war on Himself.” Well, He can. The West, in position of God (divine omnipotence and absolute moral legitimacy), has become suicidal, and declared war on itself. (Baudrillard 2003: 6-7) In Baudrillard’s catastrophic vision I see a new way of thinking subjectivity: a reversal of the energetic subjectivation that animates the revolutionary theories of the 20th century, and the opening of an implosive theory of subversion, based on depression and exhaustion. In the activist view exhaustion is seen as the inability of the social body to escape the vicious destiny that capitalism has prepared: deactivation of the social energies that once upon a time animated democracy and political struggle. But exhaustion could also become the beginning of a slow movement towards a “wu wei” civilization, based on the withdrawal, and frugal expectations of life and consumption. Radicalism could abandon the mode of activism, and adopt the mode of passivity. A radical passivity would definitely threaten the ethos of relentless productivity that neoliberal politics has imposed. The mother of all the bubbles, the work bubble, would finally deflate. We have been working too much during the last three or four centuries, and outrageously too much during the last thirty years. The current depression could be the beginning of a massive abandonment of competition, consumerist drive, and of dependence on work. Actually, if we think of the geopolitical struggle of the first decade – the struggle between Western domination and jihadist Islam – we recognize that the most powerful weapon has been suicide. 9/11 is the most impressive act of this suicidal war, but thousands of people have killed themselves in order to destroy American military hegemony. And they won, forcing the western world into the bunker of paranoid security, and defeating the hyper-technological armies of the West both in Iraq, and in Afghanistan. The suicidal implosion has not been confined to the Islamists. Suicide has became a form of political action everywhere. Against neoliberal politics, Indian farmers have killed themselves. Against exploitation hundreds of workers and employees have killed themselves in the French factories of Peugeot, and in the offices of France Telecom. In Italy, when the 2009 recession destroyed one million jobs, many workers, haunted by the fear of unemployment, climbed on the roofs of the factories, threatening to kill themselves. Is it possible to divert this implosive trend from the direction of death, murder, and suicide, towards a new kind of autonomy, social creativity and of life? I think that it is possible only if we start from exhaustion, if we emphasize the creative side of withdrawal. The exchange between life and money could be deserted, and exhaustion could give way to a huge wave of withdrawal from the sphere of economic exchange. A new refrain could emerge in that moment, and wipe out the law of economic growth. The self-organization of the general intellect could abandon the law of accumulation and growth, and start a new concatenation, where collective intelligence is only subjected to the common good. The global recession started officially in September 2008 and lasted officially until the summer of 2009. Since the summer of 2009 the official truth in the media, in political statements, in economic talk was: recovery. The stock exchange began to rise again and the banks started again paying huge bonuses to their managers and so on. Meanwhile, unemployment was exploding everywhere, salaries were falling, welfare was curtailed, 90 million more are expected to join the army of poverty in the next year. Is this recovery? Our conditional reflex (influenced by the Keynesian knowledge that recovery is the recovery of the “real economy”) answered: no, this is not recovery, capitalism cannot recover only by financial means. But we should reframe our vision. Finance is no longer a mere tool of capitalist growth. The financialization of capitalism has made finance the very ground of accumulation, as Christian Marazzi (2010) has explained in recent works such as The Violence of Financial Capitalism. In the sphere of semiocapitalism, financial signs are not only signifiers pointing to some referents. The distinction between sign and referent is over. The sign is the thing, the product, the process. The “real” economy and financial expectations are no longer distinct spheres. In the past, when riches were created in the sphere of industrial production, when finance was only a tool for the mobilization of capital to invest in the field of material production, recovery could not be limited to the financial sphere. It took also employment and demand. Industrial capitalism could not grow if society did not grow. Nowadays we must accept the idea that financial capitalism can recover and thrive without social recovery. Social life has become residual, redundant, irrelevant.

## 3

#### The meta-ethic is substantive moral naturalism. Prefer – Bottom of Form

#### [1] Empiricism – naturalism is the only objective way to derive experiences for normative values based on the real world around us

#### [2] All other theories collapse – epistemological guidance is predisposed with a physical cognitive capacity to act which is reliant on the natural world.

#### The standard is maximizing expected well-being. Prefer –

#### [1] Actor specificity – Governments must aggregate with util because their policies benefit some and harm others so side constraints freeze state action. Actor spec comes first – different agents have different ethical standings – takes out calc indicts because it proves the fwrk is empirically used.

#### [5] Extinction first – a) Forecloses future improvement – we can never improve society because our impact is irreversible b) Moral obligation – allowing people to die is unethical and should be prevented because it creates ethics towards other people c) Objectivity – body count is the most objective way to calculate impacts because comparing suffering is unethical.

#### The brain seeks pleasure to initiate action – optogenetics proves.

**Schaffer 17** (MIT technology review, Amanda Schaffer is a freelance journalist who writes about science and medicine for Slate, the New York Times, and other publications. Neuroscientist Kay Tye tackles the physical basis of emotions and behavior. [“How the Brain Seeks Pleasure and Avoids Pain” MIT research lab <https://www.technologyreview.com/2017/06/27/150948/how-the-brain-seeks-pleasure-and-avoids-pain/> 6/27/17] // Mberhe

As a child, Kay Tye was immersed in a life of science. “I grew up in my mom’s lab,” she says. At the age of five or six, she earned 25 cents a box for “restocking” bulk-ordered pipette tips into boxes for sterilization as her mother, an acclaimed biochemist at Cornell University, probed the genetics of yeast. (Tye’s father is a theoretical physicist known for his work on cosmic inflation and superstring theory.) Today, Tye runs her own neuroscience lab at MIT. Under large black lights reminiscent of a fashion shoot, she and her team at the Picower Institute for Learning and Memory can observe how mice behave when particular brain circuits are turned on or off. Nearby, they can record the mice’s neural activity as the animals move toward a particular stimulus, like sugar water, or away, if they’re crossing a floor that delivers mild electric shocks. Elsewhere, they create brain slices to test in vitro, since these samples retain their physiological activity, even outside the body, for up to eight hours. Tye has been at the forefront of efforts to pinpoint the sources of anxiety and other emotions in the brain by analyzing how groups of neurons work together in circuits to process information. In particular, her work has contributed to a profound shift in researchers’ understanding of the amygdala, a brain area that has been thought of as central to fear responses: she has found that signaling in the amygdala can in fact reduce anxiety as well as increase it. To gain such insights, she has also made crucial advances in a technique, called optogenetics, that allows researchers to activate or suppress particular neural circuits in lab animals using light. Optogenetics was developed by Stanford neuroscientist and psychiatrist Karl ­Deisseroth, and it represented a breakthrough in efforts to determine the role of specific parts of the brain. While Tye was working in his laboratory as a postdoc, she demonstrated, for the first time, that it was possible to pinpoint and control specific groups of neurons that were sending signals to specific target neurons. This fine-grained approach is important because drugs that treat conditions like anxiety currently do not target specific circuits, let alone individual neurons; rather, they operate throughout the brain, which often leads to undesirable side effects. Tye’s research may eventually help open the door to drugs that affect only specific neural circuits, reducing anxiety with fewer side effects. Such work has earned formal accolades, including a Presidential Early Career Award for Scientists and Engineers from President Obama, a Freedman Prize for neuroscience, and a TR35 award, recognizing outstanding researchers under the age of 35. Tye has also won high praise from others in her field who admire the creative breadth of her ambition. “She’s not afraid to ask the most fundamental questions, the ones most other scientists shy away from,” says Sheena Josselyn of the University of Toronto and the Hospital for Sick Children Research Institute. The questions she takes on involve emotions and phenomena that loom large in human experience, such as reward-seeking, loneliness, and compulsive overeating. Her goal is to understand their neural basis—to bridge the gap between brain, as understood by neuroscientists, and the mind, as conceived more expansively by psychiatrists, psychologists, and other students of human behavior. Would-be novelist Though it might seem as if Tye was born to be a scientist, she says her choice of career was anything but inevitable. In high school, she was ambivalent about science and gravitated instead toward writing; she wrote plays, short stories, and poetry. “In my mind, I was going to be a novelist,” she recalls. Still, while applying to college, she included MIT on her list, partly to humor her parents, Bik-Kwoon Tye and Henry Tye, both of whom had earned PhDs there in 1974. And when she received an acceptance letter, her father found it hard to disguise his feelings as his eyes welled with tears. “I’d never in my life seen my dad cry,” she says. She decided that she ought to give scientific learning a more dedicated try. She also convinced herself (with parental encouragement) that focusing on the natural world would give her more to write about down the road. As a freshman at MIT, Tye joined the lab of Suzanne Corkin, who was working with H.M., one of the most famous patients in the history of neuroscience. H.M., whose name was revealed to be Henry Molaison upon his death in 2008, suffered from profound amnesia after a lobotomy to treat seizures; studying his condition allowed researchers to probe the neural underpinnings of memory. One of Tye’s roles in the group was to make H.M. a peanut butter and jelly sandwich for lunch. He would eat it and then, moments later, with crumbs still on his face, ask, “Did we have lunch yet?” “It made me appreciate that these basic functions, like memory, that are so key to who we are have biological substrates in the brain,” she says. Neuroscience can be intimidating and filled with jargon, she adds. But the experience with H.M., along with an inspiring introductory psychology class taught by Steven Pinker, “made it seem worth it to slog through the all-nighters” to understand the biological mechanisms behind psychological constructs. Still, after graduation, Tye wanted to make sure she was “looking around,” thinking about who she was and who she wanted to be. So she spent a year backpacking in Australia, where she worked on a farm, lived in a yoga ashram, taught yoga, camped out on the beach, and worked on a novel. She found that writing was “hard and lonely.” She enjoyed teaching yoga but didn’t see it as a satisfying career path. “I came out of that year surprisingly ready to go to grad school,” she says. Diving back into the academic world, she initially struggled to find a lab that would accept her and almost dropped out after her first year. But she found a mentor in Patricia Janak, who became her advisor, and earned a PhD in neuroscience at the University of California, San Francisco, in 2008. A surprise in the amygdala In 2009, Tye joined Deisseroth’s lab at Stanford. Deisseroth had already developed optogenetics, which gave researchers a much more precise way to identify the contributions of individual neurons within a circuit. Along with others in the lab, Tye used optogenetics to probe the connection between two parts of the amygdala, an almond-shaped region that is crucial to anxiety and fear. She first identified neurons in one area (known as the basolateral amygdala) that formed connections to neurons in another amygdalar area (known as the central nucleus) by sending out projections of nerve fibers. When she stimulated those basolateral amygdala neurons, she was able to reduce anxiety in mice. That is, she could cause the animals to spend more time in open spaces and less time cowering to the side. This was surprising, because when researchers stimulated the amygdala as a whole, the mice’s behavior grew more anxious. At first, everyone asked, “Are you sure you’re using the tool right? What’s going on?” she recalls. But after meticulous validation, in 2011, Tye and the group published their results in Nature, showing that some circuitry within the amygdala helps to calm animals down. This paper also represented a breakthrough in optogenetic technique. For the first time, researchers were able to zero in on and manipulate a specific part of a brain circuit: particular groups of neurons communicating with known target neurons. The technique, known as optogenetic projection-specific manipulation, is now considered one of the key tools of neuroscience. In 2012, Tye came to MIT as an assistant professor of brain and cognitive sciences at the Picower, continuing her work on anxiety. While setting up her lab, she targeted neurons within the amygdala that seemed to have the opposite effect on mouse anxiety, causing it to increase. These brain cells are also located in the basolateral amygdala, but they send projections to a nearby region known as the ventral hippocampus. When Tye stimulated this circuit using optogenetics, the mice avoided open spaces, apparently suffering from anxiety. (When she inhibited the connections from forming, the animals hung out in the open again, their anxiety seemingly alleviated.) Tye proposed that neighboring neurons in the amygdala can have opposite effects on animals’ behavior, depending on the targets to which they send signals. Threats and rewards At the time, most researchers studying the amygdala still tended to focus mainly on its role in fear. Yet Tye suspected that activity in this part of the brain might encode a stimulus as either rewarding or threatening, good or bad, helping individuals decide how to respond. “There are many stimuli we encounter in our daily lives that are ambiguous,” says Conor ­Liston of the Brain and Mind Research Institute at Weill Cornell. “A social interaction, for example, can be either threatening or rewarding, and we need brain circuits devoted to differentiating which is which.” By looking at the relative strength of the currents passing through two glutamate receptors known to indicate synaptic strength, Tye discovered that different neural connections in mice were reinforced depending on whether a particular stimulus was linked to a reward or a threat. When mice learned to associate a sound with a treat of sugar, she found stronger synaptic input to the neurons in the basolateral amygdala that were sending information to the nucleus accumbens, which is part of the brain’s reward circuitry. On the other hand, when mice learned to associate the sound with mild electric shocks to their feet, input signals grew stronger in circuits leading from the basolateral amygdala to the centromedial amygdala, which is involved in pain and fear. In addition, she demonstrated a trade-off: when one of these circuits grew more active, the other grew less so. In other words, she had found how the brain encodes information that allows mice to differentiate between stimuli that are rewarding and those that are potentially harmful. The results were published in Nature in 2015. In recent work, Tye also probed the circuitry involved in making split-second decisions when both threatening and rewarding cues are present at the same time. She and her team focused this time on connections between the amygdala and the prefrontal cortex, an area responsible for higher-order thinking. (Specifically, they examined interactions between the basolateral amygdala and the prelimbic medial prefrontal cortex.) Using optogenetics and other techniques, they showed that this circuitry was active when the animals were simultaneously exposed to a potential sugar treat and a potential electric shock and had to make a decision about how to behave. Her results, which appeared in April in Nature Neuroscience, help illuminate how animals figure out what to do in the face of complex and sometimes contradictory cues.

## 4

#### The Global Economy is stabilizing and set for increases in 2021 but is still vulnerable to shocks

World Bank 6-8 6-8-2021 "The Global Economy: on Track for Strong but Uneven Growth as COVID-19 Still Weighs" <https://www.worldbank.org/en/news/feature/2021/06/08/the-global-economy-on-track-for-strong-but-uneven-growth-as-covid-19-still-weighs>

A year and a half since the onset of the COVID-19 pandemic, the global economy is poised to stage its most **robust post-recession recovery** in 80 years in 2021. But the rebound is expected to be **uneven across countries**, as major economies look set to register strong growth even as many developing economies lag. Global growth is expected to accelerate to 5.6% this year, largely on the strength in major economies such as the United States and China. And while growth for almost every region of the world has been revised upward for 2021, many continue to grapple with COVID-19 and what is likely to be its long shadow. Despite this year’s pickup, the level of global GDP in 2021 is expected to be **3.2% below** pre-pandemic projections, and per capita GDP among many emerging market and developing economies is anticipated to remain below pre-COVID-19 peaks for an extended period. As the **pandemic continues to flare**, it will shape the path of global economic activity.

#### Strikes hurt the Economy – two warrants:

#### 1] They hurt critical core industries that is necessary for economic growth

McElroy 19 John McElroy 10-25-2019 "Strikes Hurt Everybody" <https://www.wardsauto.com/ideaxchange/strikes-hurt-everybody> (MPA at McCombs school of Business)

This creates a **poisonous relationship** between the company and its workforce. Many GM hourly workers don’t identify as GM employees. They identify as UAW members. And they see the union as the source of their jobs, not the company. It’s an unhealthy dynamic that puts GM at a disadvantage to non-union automakers in the U.S. like Honda and Toyota, where workers take pride in the company they work for and the products they make. Attacking the company in the media also **drives away customers**. Who wants to buy a shiny new car from a company that’s accused of underpaying its workers and treating them unfairly? Data from the Center for Automotive Research (CAR) in Ann Arbor, MI, show that **GM loses market share during strikes and never gets it back**. GM lost two percentage points during the 1998 strike, which in today’s market would represent **a loss of 340,000 sales**. Because GM reports sales on a quarterly basis we’ll only find out at the end of December if it lost market share from this strike. UAW members say one of their greatest concerns is job security. But causing a company to lose market share is a sure-fire path to **more plant closings and layoffs**. Even so, unions are incredibly important for boosting wages and benefits for working-class people. GM’s UAW-represented workers earn considerably more than their non-union counterparts, about $26,000 more per worker, per year, in total compensation. Without a union they never would have achieved that. Strikes are a powerful weapon for unions. They usually are the only way they can get management to accede to their demands. If not for the power of collective bargaining and the threat of a strike, management would largely ignore union demands. If you took away that threat, management would pay its workers peanuts. Just ask the Mexican line workers who are paid $1.50 an hour to make $50,000 BMWs. But strikes don’t just hurt the people walking the picket lines or the company they’re striking against. They hurt **suppliers, car dealers and the communities located near the plants.** The Anderson Economic Group estimates that 75,000 workers at supplier companies were temporarily laid off because of the GM strike. Unlike UAW picketers, those supplier workers won’t get any strike pay or an $11,000 contract signing bonus. No, most of them lost close to a month’s worth of wages, which must be financially devastating for them. GM’s suppliers also lost a lot of money. So now they’re cutting budgets and delaying capital investments to make up for the lost revenue, which is a further drag on the economy. According to CAR, the communities and states where GM’s plants are located collectively lost a couple of hundred million dollars in payroll and tax revenue. Some economists warn that if the strike were prolonged it could knock the state of Michigan – home to GM and the UAW – **into a recession.** That prompted the governor of Michigan, Gretchen Whitmer, to call GM CEO Mary Barra and UAW leaders and urge them to settle as fast as possible. So, while the UAW managed to get a nice raise for its members, the strike left a path of destruction in its wake. That’s not fair to the innocent bystanders who will never regain what they lost. John McElroyI’m not sure how this will ever be resolved. I understand the need for collective bargaining and the threat of a strike. But there’s got to be a better way to get workers a raise without torching the countryside.

#### 2] Strikes create a stigmatization effect over labor and consumption that devastates the Economy

Tenza 20, Mlungisi. "The effects of violent strikes on the economy of a developing country: a case of South Africa." Obiter 41.3 (2020): 519-537. (Senior Lecturer, University of KwaZulu-Natal)

When South Africa obtained democracy in 1994, there was a dream of a better country with a new vision for industrial relations.5 However, the number of violent strikes that have bedevilled this country in recent years seems to have shattered-down the aspirations of a better South Africa. South Africa recorded 114 strikes in 2013 and 88 strikes in 2014, which cost the country about **R6.1 billion** according to the Department of Labour.6 The impact of these strikes has been hugely felt by the mining sector, particularly the platinum industry. The biggest strike took place in the platinum sector where about 70 000 mineworkers’ downed tools for better wages. Three major platinum producers (Impala, Anglo American and Lonmin Platinum Mines) were affected. The strike started on 23 January 2014 and ended on 25 June 2014. Business Day reported that “the five-month-long strike in the platinum sector pushed the economy to the brink of recession”. 7 This strike was closely followed by a four-week strike in the metal and engineering sector. All these strikes (and those not mentioned here) were characterised with violence accompanied by damage to property, intimidation, assault and sometimes the killing of people. Statistics from the metal and engineering sector showed that about 246 cases of intimidation were reported, 50 violent incidents occurred, and 85 cases of vandalism were recorded.8 Large-scale unemployment, soaring poverty levels and the dramatic income inequality that characterise the South African labour market provide a broad explanation for strike violence.9 While participating in a strike, workers’ stress levels leave them feeling frustrated at their seeming powerlessness, which in turn provokes further violent behaviour.10 These strikes are not only violent but **take long to resolve.** Generally, a lengthy strike has a **negative effect on employment, reduces business confidence and increases the risk of economic stagflation**. In addition, such strikes have a major setback on the growth of the economy and investment opportunities. It is common knowledge that consumer spending is directly linked to economic growth. At the same time, if the economy is not showing signs of growth, employment opportunities are shed, and poverty becomes the end result. The economy of South Africa is in need of rapid growth to enable it to deal with the high levels of unemployment and resultant poverty. One of the measures that may boost the country’s economic growth is by attracting potential investors to invest in the country. However, this might be difficult as investors would want to invest in a country where there is a likelihood of getting returns for their investments. The wish of getting returns for investment may not materialise if the labour environment **is not fertile** for such investments as a result of, for example, unstable labour relations. Therefore, investors may be reluctant to invest where there is an unstable or fragile labour relations environment. 3 THE COMMISSION OF VIOLENCE DURING A STRIKE AND CONSEQUENCES The Constitution guarantees every worker the right to join a trade union, participate in the activities and programmes of a trade union, and to strike. 11 The Constitution grants these rights to a “worker” as an individual.12 However, the right to strike and any other conduct in contemplation or furtherance of a strike such as a picket13 can only be exercised by workers acting collectively.14 The right to strike and participation in the activities of a trade union were given more effect through the enactment of the Labour Relations Act 66 of 199515 (LRA). The main purpose of the LRA is to “advance economic development, social justice, labour peace and the democratisation of the workplace”. 16 The advancement of social justice means that the exercise of the right to strike must advance the interests of workers and at the same time workers must refrain from any conduct that can affect those who are not on strike as well members of society. Even though the right to strike and the right to participate in the activities of a trade union that often flow from a strike17 are guaranteed in the Constitution and specifically regulated by the LRA, it sometimes happens that the right to strike is exercised for purposes not intended by the Constitution and the LRA, generally. 18 For example, it was not the intention of the Constitutional Assembly and the legislature that violence should be used during strikes or pickets. As the Constitution provides, pickets are meant to be peaceful. 19 Contrary to section 17 of the Constitution, the conduct of workers participating in a strike or picket has changed in recent years with workers trying to emphasise their grievances by causing disharmony and chaos in public. A media report by the South African Institute of Race Relations pointed out that between the years 1999 and 2012 there were 181 strike-related deaths, 313 injuries and 3,058 people were arrested for public violence associated with strikes.20 The question is whether employers succumb easily to workers’ demands if a strike is accompanied by violence? In response to this question, one worker remarked as follows: “[T]here is no sweet strike, there is no Christian strike … A strike is a strike. [Y]ou want to get back what belongs to you ... you won’t win a strike with a Bible. You do not wear high heels and carry an umbrella and say ‘1992 was under apartheid, 2007 is under ANC’. You won’t win a strike like that.” 21 The use of violence during industrial action affects not only the strikers or picketers, the employer and his or her business but it also affects innocent members of the public, non-striking employees, the environment and the economy at large. In addition, striking workers visit non-striking workers’ homes, often at night, threaten them and in some cases, assault or even murder workers who are acting as replacement labour. 22 This points to the fact that for many workers and their families’ living conditions remain unsafe and vulnerable to damage due to violence. In Security Services Employers Organisation v SA Transport & Allied Workers Union (SATAWU),23 it was reported that about 20 people were thrown out of moving trains in the Gauteng province; most of them were security guards who were not on strike and who were believed to be targeted by their striking colleagues. Two of them died, while others were admitted to hospitals with serious injuries.24 In SA Chemical Catering & Allied Workers Union v Check One (Pty) Ltd,25 striking employees were carrying various weapons ranging from sticks, pipes, planks and bottles. One of the strikers Mr Nqoko was alleged to have threatened to cut the throats of those employees who had been brought from other branches of the employer’s business to help in the branch where employees were on strike. Such conduct was held not to be in line with good conduct of striking.26 These examples from case law show that South Africa is facing a problem that is affecting not only the industrial relations’ sector but also the economy at large. For example, in 2012, during a strike by workers employed by Lonmin in Marikana, the then-new union Association of Mine & Construction Workers Union (AMCU) wanted to exert its presence after it appeared that many workers were not happy with the way the majority union, National Union of Mine Workers (NUM), handled negotiations with the employer (Lonmin Mine). AMCU went on an unprotected strike which was violent and resulted in the loss of lives, damage to property and negative economic consequences including a weakened currency, reduced global investment, declining productivity, and increase unemployment in the affected sectors.27 Further, the unreasonably long time it takes for strikes to get resolved in the Republic has a negative effect on the business of the employer, the economy and employment. 3 1 Effects of violent and long strikes on the economy Generally, South Africa’s economy is on a downward scale. First, it fails to create employment opportunities for its people. The recent statistics on unemployment levels indicate that unemployment has increased from 26.5% to 27.2%. 28 The most prominent strike which nearly brought the platinum industries to its knees was the strike convened by AMCU in 2014. The strike started on 23 January 2014 and ended on 24 June 2014. It affected the three big platinum producers in the Republic, which are the Anglo American Platinum, Lonmin Plc and Impala Platinum. It was the longest strike since the dawn of democracy in 1994. As a result of this strike, the platinum industries lost billions of rands.29 According to the report by Economic Research Southern Africa, the platinum group metals industry is South Africa’s second-largest export earner behind gold and contributes just over 2% of the country’s Gross Domestic Product (GDP).30 The overall metal ores in the mining industry which include platinum sells about 70% of its output to the export market while sales to local manufacturers of basic metals, fabricated metal products and various other metal equipment and machinery make up to 20%. 31 The research indicates that the overall impact of the strike in 2014 was driven by a reduction in productive capital in the mining sector, accompanied by a decrease in labour available to the economy. This resulted in a sharp increase in the price of the output by 5.8% with a **GDP declined by 0.72 and 0.78%**.32

#### Err Negative – over-estimate the effect on Strikes on the economy since traditional economic measures underestimate the damage.

Babb No Date Katrina Babb "Chapter 11: The Economic Impact of Unions" <http://isu.indstate.edu/conant/ecn351/ch11/chapter11.htm> (Professor of Economic at Indiana State)

Strikes ­ Simple statistics on strike activity suggest that strikes are relatively rare and the associated aggregate economic losses are relatively minimal. Table 11-3 provides data on major work stoppages, defined as those involving 1000 or more workers and lasting at least one full day or one work shift. But these data **can be misleading** **as a measure of the costliness of a strike.** On the one hand, employers in the struck industry may have anticipated the strike and worked their labor force overtime to accumulate inventories to supply customers during the strike period, so that the work lost data overstates the actual loss. On the other hand, the amount lost **can be understated** by the data if production in associated industries ( those that buy inputs from the struck industry or sell products to it) **is disrupted**. As a broad generalization, the adverse effects of a strike on nonstriking firms and customers are likely to be greater **when services are involved** and less when products are involved. Remember, that strikes are the result of the failure of both parties to the negotiation, so it is inaccurate to attribute all of the costs associated with a strike to labor alone.