# 1AC

## Plan

#### The United States federal government should limit the war power authority of the president for self-defense targeted killings to outside an armed conflict.

## 1AC Drones

#### Advantage one is Drones

#### Conflation of legal regimes for targeted killing results in overly constrained operations—undermines counterterrorism

Geoffrey Corn, South Texas College of Law, Professor of Law and Presidential Research Professor, J.D., 10/22/11, Self-defense Targeting: Blurring the Line between the Jus ad Bellum and the Jus in Bello, http://papers.ssrn.com/sol3/papers.cfm?abstract\_id=1947838

At the core of the self-defense targeting theory is the assumption that the jus ad bellum provides sufficient authority to both justify and regulate the application of combat power.71 This assumption ignores an axiom of jus belli development: the compartmentalization of the jus ad bellum and the jus in bello.72 As Colonel G.I.A.D. Draper noted in 1971, “equal application of the Law governing the conduct of armed conflicts to those illegally resorting to armed forces and those lawfully resorting thereto is accepted as axiomatic in modern International Law.”73 This compartmentalization is the historic response to the practice of defining jus in bello obligations by reference to the jus ad bellum legality of conflict.74 As the jus in bello evolved to focus on the humanitarian protection of victims of war, to include the armed forces themselves,75 the practice of denying LOAC applicability based on assertions of conflict illegality became indefensible.76 Instead, the de facto nature of hostilities would dictate jus in bello applicability, and the jus ad bellum legal basis for hostilities would be irrelevant to this determination.77

This compartmentalization lies at the core of the Geneva Convention lawtriggering equation.78 Adoption of the term “armed conflict” as the primary triggering consideration for jus in bello applicability was a deliberate response to the more formalistic jus in bello applicability that predated the 1949 revision of the Geneva Conventions.79 Prior to these revisions, in bello applicability often turned on the existence of a state of war in the international legal sense, which in turn led to assertions of inapplicability as the result of assertions of unlawful aggression.80 Determined to prevent the denial of humanitarian regulation to situations necessitating such regulation—any de facto armed conflict—the 1949 Conventions sought to neutralize the impact of ad bellum legality in law applicability analysis.81

This effort rapidly became the norm of international law.82 Armed conflict analysis simply did not include conflict legality considerations.83 National military manuals, international jurisprudence and expert commentary all reflect this development.84 This division is today a fundamental LOAC tenet—and is beyond dispute.85 In fact, for many years the United States has gone even farther, extending application of LOAC principles beyond situations of armed conflict altogether so as to regulate any military operation.86 This is just another manifestation of the fact that States, or perhaps more importantly the armed forces that do their bidding, view the cause or purported justification for such operations as irrelevant when deciding what rules apply to regulate operational and tactical execution.

This aspect of ad bellum/in bello compartmentalization is not called into question by the self-defense targeting concept.87 Nothing in the assertion that combat operations directed against transnational non-State belligerent groups qualifies as armed conflict suggests the inapplicability of LOAC regulatory norms on the basis of the relative illegitimacy of al Qaeda’s efforts to inflict harm on the United States and other victim States (although as noted earlier, this was implicit in the original Bush administration approach to the war on terror).88 Instead, the self-defense targeting concept reflects an odd inversion of the concern that motivated the armed conflict law trigger. The concept does not assert the illegitimacy of the terrorist cause to deny LOAC principles to operations directed against them.89 Instead, it relies on the legality of the U.S. cause to dispense with the need for applying LOAC principles to regulate these operations.90 This might not be explicit, but it is clear that an exclusive focus on ad bellum principles indicates that these principles subsume in bello conflict regulation norms.91

There are two fundamental flaws with this conflation. First, by contradicting the traditional compartmentalization between the two branches of the jus belli,92 it creates a dangerous precedent. Although there is no express resurrection of the just war concept of LOAC applicability, by focusing exclusively on jus ad bellum legality and principles, the concept suggests the inapplicability of jus in bello regulation as the result of the legality of the U.S. cause. To be clear, I believe U.S. counterterror operations are legally justified actions in self-defense. However, this should not be even implicitly relied on to deny jus in bello applicability to operations directed against terrorist opponents, precisely because it may be viewed as suggesting the invalidity of the opponent’s cause deprives them of the protections of that law, or that the operations are somehow exempted from LOAC regulation. Second, even discounting this detrimental precedential effect, the conflation of ad bellum and in bello principles to regulate the execution of operations is extremely troubling.93 This is because the meaning of these principles is distinct within each branch of the jus belli.94

Furthermore, because the scope of authority derived from jus ad bellum principles purportedly invoked to regulate operational execution is more restrictive than that derived from their jus in bello counterparts,95 this conflation produces a potential windfall for terrorist operatives. Thus, the ad bellum/in bello conflation is ironically self-contradictory. In one sense, it suggests the inapplicability of jus in bello protections to the illegitimate terrorist enemy because of the legitimacy of the U.S. cause.96 In another sense, the more restrictive nature of the jus ad bellum principles it substitutes for the jus in bello variants to regulate operational execution provides the enemy with increased protection from attack.97 Neither of these consequences is beneficial, nor necessary. Instead, compliance with the traditional jus ad bellum/jus in bello compartmentalization methodology averts these consequences and offers a more rational approach to counterterrorism conflict regulation.98

#### That makes future terrorist attacks inevitable

Geoffrey Corn, South Texas College of Law, 6/2/13, Corn Comments on the Costs of Shifting to a Pure Self-Defense Model, www.lawfareblog.com/2013/06/corn-comments-on-the-prospect-of-a-shift-to-a-pure-self-defense-model/

The President’s speech – like prior statements of other administration officials – certainly suggests that the inherent right of self-defense is defining the permissible scope of kinetic attacks against terrorists. I wonder, however, if this is more rhetoric than reality? I think only time will tell whether actual operational practice confirms that “we are using force within boundaries that will be no different postwar”. More significantly, if practice does confirm this de facto abandonment of AUMF targeting authority, I believe it will result in a loss of the type of operational and tactical flexibility that has been, according to the President, decisive in the degradation of al Qaeda to date. The inherent right of self-defense is undoubtedly a critical source of authority to disable imminent threats to the nation, but it simply fails to provide the scope of legal authority to employ military force against the al Qaeda (and associated force) threat that will provide an analogous decisive effect in the future.

It strikes me (no pun intended) that arguments – or policy choices – in favor of abandoning the armed conflict model because the inherent right of self-defense will provide sufficient counter-terrorism response authority may not fully consider the operational impact of such a shift. From an operational perspective, the scope of authority to employ military force against the al Qaeda belligerent threat pursuant to the inherent right of self-defense is in no way analogous to the authority to do so within an armed conflict framework. This seems especially significant in relation to counter-terror operations. According to the President, the strategic vision for the “next generation” counter-terror military operations is not a “boundless ‘global war on terror’ – but rather a series of persistent, targeted efforts to dismantle specific networks of violent extremists that threaten America.”

Relying exclusively on the inherent right of self-defense would, I suggest, potentially undermine implementing this strategic vision. It seems to me that disruption, and not necessarily destruction, is the logical operational “effect” commanders routinely seek to achieve to implement this strategy. Destruction, when feasible, would obviously contribute to this strategy. It is, however, doubtful that a group like al Qaeda and its affiliates can be completely destroyed – at least to the point that they are brought into complete submission – through the use of military power. Instead, military force can effectively be used to disrupt this opponent, thereby seizing and retaining the initiative and keeping the opponent off balance. Indeed, President Obama signaled the benefit of using military force to achieve this effect when he noted that al Qaeda’s “remaining operatives spend more time thinking about their own safety than plotting against us. They did not direct the attacks in Benghazi or Boston. They have not carried out a successful attack on our homeland since 9/11.”

A key advantage of the armed conflict framework is that it provides the legal maneuver space to employ military force in a manner that will effectively produce this disruptive and degrading effect. In contrast, under a pure self-defense framework, use of military force directed against such networks would necessarily require a determination of imminent threat of attack against the nation. Unlike the armed conflict model, this would arguably make conducting operations to “disrupt” terrorist networks more difficult to justify. I believe this is borne out by the reference to the pre-9/11 self-defense model. While it is true that military force was periodically employed as an act of self-defense during this era, such use seems to have been quite limited and only in response to attacks that already occurred, or at best were imminent in a restrictive interpretation of that term. In short, the range of legally permissible options to use military power to achieve this disruptive effect is inevitably broader in the context of an existing armed conflict than in isolated self-defense actions.

It may, of course, be possible to adopt an interpretation of imminence expansive enough to facilitate the range of operational flexibility needed to achieve this disruptive effect against al Qaeda networks. But this would just shift the legality debate from the legitimacy of continuing an armed conflict model to the legitimacy of the imminence interpretation. Even this would not, however, provide analogous authority to address the al Qaeda belligerent threat. Even if an expanded definition of imminence undergirded a pure self-defense model, it would inevitably result in hesitancy to employ force to disrupt, as opposed to disable, terrorist threats, because of concerns of perceived overreach.

It may be that a shift to this use of force framework is not only inevitable, but likely to come sooner than later. It may also be that such a shift might produce positive second and third order effects, such as improving the perception of legitimacy and mitigating the perception of a boundless war. It will not be without cost, and it is not self-evident that the scope of attack authority will be functionally analogous to that provided by the armed conflict model. Policy may in fact routinely limit the exercise of authority under this model today, but once the legal box is constricted, operationally flexibility will inevitably be degraded. It is for this reason that I believe the administration is unlikely to be too quick to abandon reliance on the AUMF.

#### Drones solve safe havens – prevents a terror attack

Johnston 12 (Patrick B. Johnston is an associate political scientist at the RAND Corporation, a nonprofit, nonpartisan research institution. He is the author of "Does Decapitation Work? Assessing the Effectiveness of Leadership Targeting in Counterinsurgency Campaigns," published in International Security (Spring 2012)., 8/22/2012, "Drone Strikes Keep Pressure on al-Qaida", www.rand.org/blog/2012/08/drone-strikes-keep-pressure-on-al-qaida.html)

Should the U.S. continue to strike at al-Qaida's leadership with drone attacks? A recent poll shows that while most Americans approve of drone strikes, in 17 out of 20 countries, more than half of those surveyed disapprove of them.

My study of leadership decapitation in 90 counter-insurgencies since the 1970s shows that when militant leaders are captured or killed militant attacks decrease, terrorist campaigns end sooner, and their outcomes tend to favor the government or third-party country, not the militants.

Those opposed to drone strikes often cite the June 2009 one that targeted Pakistani Taliban leader Baitullah Mehsud at a funeral in the Tribal Areas. That strike reportedly killed 60 civilians attending the funeral, but not Mehsud. He was killed later by another drone strike in August 2009. His successor, Hakimullah Mehsud, developed a relationship with the foiled Times Square bomber Faisal Shahzad, who cited drone strikes as a key motivation for his May 2010 attempted attack.

Compared to manned aircraft, drones have some advantages as counter-insurgency tools, such as lower costs, longer endurance and the lack of a pilot to place in harm's way and risk of capture. These characteristics can enable a more deliberative targeting process that serves to minimize unintentional casualties. But the weapons employed by drones are usually identical to those used via manned aircraft and can still kill civilians—creating enmity that breeds more terrorists.

Yet many insurgents and terrorists have been taken off the battlefield by U.S. drones and special-operations forces. Besides Mehsud, the list includes Anwar al-Awlaki of al-Qaida in the Arabian Peninsula; al-Qaida deputy leader Abu Yahya al-Li-bi; and, of course, al-Qaida leader Osama bin Laden. Given that list, it is possible that the drone program has prevented numerous attacks by their potential followers, like Shazad.

What does the removal of al-Qaida leadership mean for U.S. national security? Though many in al-Qaida's senior leadership cadre remain, the historical record suggests that "decapitation" will likely weaken the organization and could cripple its ability to conduct major attacks on the U.S. homeland.

Killing terrorist leaders is not necessarily a knockout blow, but can make it harder for terrorists to attack the U.S. Members of al-Qaida's central leadership, once safely amassed in northwestern Pakistan while America shifted its focus to Iraq, have been killed, captured, forced underground or scattered to various locations with little ability to communicate or move securely.

Recently declassified correspondence seized in the bin Laden raid shows that the relentless pressure from the drone campaign on al-Qaida in Pakistan led bin Laden to advise al-Qaida operatives to leave Pakistan's Tribal Areas as no longer safe. Bin Laden's letters show that U.S. counterterrorism actions, which had forced him into self-imposed exile, had made running the organization not only more risky, but also more difficult.

As al-Qaida members trickle out of Pakistan and seek sanctuary elsewhere, the U.S. military is ramping up its counterterrorism operations in Somalia and Yemen, while continuing its drone campaign in Pakistan. Despite its controversial nature, the U.S. counter-terrorism strategy has demonstrated a degree of effectiveness.

The Obama administration is committed to reducing the size of the U.S. military's footprint overseas by relying on drones, special operations forces, and other intelligence capabilities. These methods have made it more difficult for al-Qaida remnants to reconstitute a new safe haven, as Osama bin Laden did in Afghanistan in 1996, after his ouster from Sudan.

#### Drones are operationally effective and alternatives are worse—establishing a clear strike policy solves criticism.

Byman 13 (Daniel Byman, Brookings Institute Saban Center for Middle East Policy, Research Director, and Foreign Policy, Senior Fellow, July/Aug 2013, “Why Drones Work: The Case for the Washington's Weapon of Choice”, www.brookings.edu/research/articles/2013/06/17-drones-obama-weapon-choice-us-counterterrorism-byman)

Despite President Barack Obama’s recent call to reduce the United States’ reliance on drones, they will likely remain his administration’s weapon of choice. Whereas President George W. Bush oversaw fewer than 50 drone strikes during his tenure, Obama has signed off on over 400 of them in the last four years, making the program the centerpiece of U.S. counterterrorism strategy. The drones have done their job remarkably well: by killing key leaders and denying terrorists sanctuaries in Pakistan, Yemen, and, to a lesser degree, Somalia, drones have devastated al Qaeda and associated anti-American militant groups. And they have done so at little financial cost, at no risk to U.S. forces, and with fewer civilian casualties than many alternative methods would have caused. Critics, however, remain skeptical. They claim that drones kill thousands of innocent civilians, alienate allied governments, anger foreign publics, illegally target Americans, and set a dangerous precedent that irresponsible governments will abuse. Some of these criticisms are valid; others, less so. In the end, drone strikes remain a necessary instrument of counterterrorism. The United States simply cannot tolerate terrorist safe havens in remote parts of Pakistan and elsewhere, and drones offer a comparatively low-risk way of targeting these areas while minimizing collateral damage. So drone warfare is here to stay, and it is likely to expand in the years to come as other countries’ capabilities catch up with those of the United States. But Washington must continue to improve its drone policy, spelling out clearer rules for extrajudicial and extraterritorial killings so that tyrannical regimes will have a harder time pointing to the U.S. drone program to justify attacks against political opponents. At the same time, even as it solidifies the drone program, Washington must remain mindful of the built-in limits of low-cost, unmanned interventions, since the very convenience of drone warfare risks dragging the United States into conflicts it could otherwise avoid. NOBODY DOES IT BETTER The Obama administration relies on drones for one simple reason: they work. According to data compiled by the New America Foundation, since Obama has been in the White House, U.S. drones have killed an estimated 3,300 al Qaeda, Taliban, and other jihadist operatives in Pakistan and Yemen. That number includes over 50 senior leaders of al Qaeda and the Taliban—top figures who are not easily replaced. In 2010, Osama bin Laden warned his chief aide, Atiyah Abd al-Rahman, who was later killed by a drone strike in the Waziristan region of Pakistan in 2011, that when experienced leaders are eliminated, the result is “the rise of lower leaders who are not as experienced as the former leaders” and who are prone to errors and miscalculations. And drones also hurt terrorist organizations when they eliminate operatives who are lower down on the food chain but who boast special skills: passport forgers, bomb makers, recruiters, and fundraisers. Drones have also undercut terrorists’ ability to communicate and to train new recruits. In order to avoid attracting drones, al Qaeda and Taliban operatives try to avoid using electronic devices or gathering in large numbers. A tip sheet found among jihadists in Mali advised militants to “maintain complete silence of all wireless contacts” and “avoid gathering in open areas.” Leaders, however, cannot give orders when they are incommunicado, and training on a large scale is nearly impossible when a drone strike could wipe out an entire group of new recruits. Drones have turned al Qaeda’s command and training structures into a liability, forcing the group to choose between having no leaders and risking dead leaders. Critics of drone strikes often fail to take into account the fact that the alternatives are either too risky or unrealistic. To be sure, in an ideal world, militants would be captured alive, allowing authorities to question them and search their compounds for useful information. Raids, arrests, and interrogations can produce vital intelligence and can be less controversial than lethal operations. That is why they should be, and indeed already are, used in stable countries where the United States enjoys the support of the host government. But in war zones or unstable countries, such as Pakistan, Yemen, and Somalia, arresting militants is highly dangerous and, even if successful, often inefficient. In those three countries, the government exerts little or no control over remote areas, which means that it is highly dangerous to go after militants hiding out there. Worse yet, in Pakistan and Yemen, the governments have at times cooperated with militants. If the United States regularly sent in special operations forces to hunt down terrorists there, sympathetic officials could easily tip off the jihadists, likely leading to firefights, U.S. casualties, and possibly the deaths of the suspects and innocent civilians. Of course, it was a Navy SEAL team and not a drone strike that finally got bin Laden, but in many cases in which the United States needs to capture or eliminate an enemy, raids are too risky and costly. And even if a raid results in a successful capture, it begets another problem: what to do with the detainee. Prosecuting detainees in a federal or military court is difficult because often the intelligence against terrorists is inadmissible or using it risks jeopardizing sources and methods. And given the fact that the United States is trying to close, rather than expand, the detention facility at Guantánamo Bay, Cuba, it has become much harder to justify holding suspects indefinitely. It has become more politically palatable for the United States to kill rather than detain suspected terrorists. Furthermore, although a drone strike may violate the local state’s sovereignty, it does so to a lesser degree than would putting U.S. boots on the ground or conducting a large-scale air campaign. And compared with a 500-pound bomb dropped from an F-16, the grenade like warheads carried by most drones create smaller, more precise blast zones that decrease the risk of unexpected structural damage and casualties. Even more important, drones, unlike traditional airplanes, can loiter above a target for hours, waiting for the ideal moment to strike and thus reducing the odds that civilians will be caught in the kill zone. Finally, using drones is also far less bloody than asking allies to hunt down terrorists on the United States’ behalf. The Pakistani and Yemeni militaries, for example, are known to regularly torture and execute detainees, and they often indiscriminately bomb civilian areas or use scorched-earth tactics against militant groups.

Risk of nuclear terrorism is real and high now

**Bunn 13** (Matthew, Valentin Kuznetsov, Martin B. Malin, Yuri Morozov, Simon Saradzhyan, William H. Tobey, Viktor I. Yesin, and Pavel S. Zolotarev. "Steps to Prevent Nuclear Terrorism." Paper, Belfer Center for Science and International Affairs, Harvard Kennedy School, October 2, 2013, Matthew Bunn. Professor of the Practice of Public Policy at Harvard Kennedy School andCo-Principal Investigator of Project on Managing the Atom at Harvard University’s Belfer Center for Science and International Affairs. • Vice Admiral Valentin Kuznetsov (retired Russian Navy). Senior research fellow at the Institute for U.S. and Canadian Studies of the Russian Academy of Sciences, Senior Military Representative of the Russian Ministry of Defense to NATO from 2002 to 2008. • Martin Malin. Executive Director of the Project on Managing the Atom at the Belfer Center for Science and International Affairs. • Colonel Yuri Morozov (retired Russian Armed Forces). Professor of the Russian Academy of Military Sciences and senior research fellow at the Institute for U.S. and Canadian Studies of the Russian Academy of Sciences, chief of department at the Center for Military-Strategic Studies at the General Staff of the Russian Armed Forces from 1995 to 2000. • Simon Saradzhyan. Fellow at Harvard University’s Belfer Center for Science and International Affairs, Moscow-based defense and security expert and writer from 1993 to 2008. • William Tobey. Senior fellow at Harvard University’s Belfer Center for Science and International Affairs and director of the U.S.-Russia Initiative to Prevent Nuclear Terrorism, deputy administrator for Defense Nuclear Nonproliferation at the U.S. National Nuclear Security Administration from 2006 to 2009. • Colonel General Viktor Yesin (retired Russian Armed Forces). Leading research fellow at the Institute for U.S. and Canadian Studies of the Russian Academy of Sciences and advisor to commander of the Strategic Missile Forces of Russia, chief of staff of the Strategic Missile Forces from 1994 to 1996. • Major General Pavel Zolotarev (retired Russian Armed Forces). Deputy director of the Institute for U.S. and Canadian Studies of the Russian Academy of Sciences, head of the Information and Analysis Center of the Russian Ministry of Defense from1993 to 1997, section head - deputy chief of staff of the Defense Council of Russia from 1997 to 1998., 10/2/2013, “Steps to Prevent Nuclear Terrorism: Recommendations Based on the U.S.-Russia Joint Threat Assessment”, http://belfercenter.ksg.harvard.edu/publication/23430/steps\_to\_prevent\_nuclear\_terrorism.html)

I. Introduction In 2011, Harvard’s Belfer Center for Science and International Affairs and the Russian Academy of Sciences’ Institute for U.S. and Canadian Studies published “The U.S. – Russia Joint Threat Assessment on Nuclear Terrorism.” The assessment analyzed the **means**, **motives**, and **access of** would-be nuclear terrorists, and concluded that **the threat** of nuclear terrorism **is urgent and real**. The Washington and Seoul Nuclear Security Summits in 2010 and 2012 established and demonstrated a **consensus** among political leaders from around the world that nuclear terrorism poses a **serious threat to the** peace, security, and prosperity of **our planet**. For any country, a terrorist attack with a nuclear device would be an immediate and catastrophic disaster, and the negative effects would reverberate around the world far beyond the location and moment of the detonation. Preventing a nuclear terrorist attack **requires** international **cooperation** to secure nuclear materials, especially among those states producing nuclear materials and weapons. As the world’s two greatest nuclear powers, the United States and Russia have the greatest experience and capabilities in securing nuclear materials and plants and, therefore, share a special responsibility to lead international efforts to prevent terrorists from seizing such materials and plants. The depth of convergence between U.S. and Russian vital national interests on the issue of nuclear security is best illustrated by the fact that bilateral cooperation on this issue has continued uninterrupted for more than two decades, even when relations between the two countries occasionally became frosty, as in the aftermath of the August 2008 war in Georgia. Russia and the United States have strong incentives to forge a close and trusting partnership to prevent nuclear terrorism and have made enormous progress in securing fissile material both at home and in partnership with other countries. However, to meet the evolving threat posed by those individuals intent upon using nuclear weapons for terrorist purposes, the United States and Russia need to deepen and broaden their cooperation. The 2011 “U.S. - Russia Joint Threat Assessment” offered both specific conclusions about the nature of the threat and general observations about how it might be addressed. This report builds on that foundation and analyzes the existing framework for action, cites gaps and deficiencies, and makes specific recommendations for improvement. “The U.S. – Russia Joint Threat Assessment on Nuclear Terrorism” (The 2011 report executive summary): • Nuclear terrorism is a **real** and **urgent** threat. Urgent actions are required to reduce the risk. The risk is driven by the rise of terrorists who seek to inflict unlimited damage, many of whom have sought justification for their plans in **radical interpretations of Islam;** by the spread of information about the decades-old technology of nuclear weapons; by the increased availability of weapons-usable nuclear materials; and by globalization, which makes it easier to move people, technologies, and materials across the world. • Making a crude nuclear bomb would not be easy, but is potentially within the capabilities of a technically sophisticated terrorist group, as **numerous** government **studies have confirmed**. Detonating a stolen nuclear weapon would likely be difficult for terrorists to accomplish, if the weapon was equipped with modern technical safeguards (such as the electronic locks known as Permissive Action Links, or PALs). Terrorists could, however, cut open a stolen nuclear weapon and make use of its nuclear material for a bomb of their own. • The nuclear material for a bomb is small and difficult to detect, making it a major challenge to stop nuclear smuggling or to recover nuclear material after it has been stolen. Hence, a primary focus in reducing the risk must be to keep nuclear material and nuclear weapons from being stolen by continually improving their security, as agreed at the Nuclear Security Summit in Washington in April 2010. • Al-Qaeda has sought nuclear weapons **for** almost **two decades**. The group has repeatedly attempted to purchase stolen nuclear material or nuclear weapons, and has repeatedly attempted to **recruit** nuclear **expertise**. Al-Qaeda reportedly conducted tests of conventional explosives for its nuclear program in the desert in Afghanistan. The group’s nuclear ambitions continued after its dispersal following the fall of the Taliban regime in Afghanistan. Recent writings from top al-Qaeda leadership are focused on justifying the mass slaughter of civilians, including the use of weapons of mass destruction, and are in all likelihood intended to **provide a formal** religious **justification for nuclear use**. While there are significant gaps in coverage of the group’s activities, al-Qaeda appears to have been frustrated thus far in acquiring a nuclear capability; it is unclear whether the the group has acquired weapons-usable nuclear material or the expertise needed to make such material into a bomb. Furthermore, pressure from a broad range of counter-terrorist actions probably has reduced the group’s ability to manage large, complex projects, but has not eliminated the danger. However, **there is no sign the group has abandoned its nuclear ambitions.** On the contrary, leadership statements as recently as 2008 indicate that the intention to **acquire and use nuclear weapons is as strong as ever**.

#### Extinction

Hellman 8 (Martin E. Hellman, emeritus prof of engineering @ Stanford, “Risk Analysis of Nuclear Deterrence” SPRING 2008 THE BENT OF TAU BETA PI, http://www.nuclearrisk.org/paper.pdf)

The threat of nuclear terrorism looms much larger in the public’s mind than the threat of a full-scale nuclear war, yet this article focuses primarily on the latter. An explanation is therefore in order before proceeding. A terrorist attack involving a nuclear weapon would be a catastrophe of immense proportions: “A 10-kiloton bomb detonated at Grand Central Station on a typical work day would likely kill some half a million people, and inflict over a trillion dollars in direct economic damage. America and its way of life would be changed forever.” [Bunn 2003, pages viii-ix]. The likelihood of such an attack is also significant. Former Secretary of Defense William Perry has estimated the chance of a nuclear terrorist incident within the next decade to be roughly 50 percent [Bunn 2007, page 15]. David Albright, a former weapons inspector in Iraq, estimates those odds at less than one percent, but notes, “We would never accept a situation where the chance of a major nuclear accident like Chernobyl would be anywhere near 1% .... A nuclear terrorism attack is a low-probability event, but we can’t live in a world where it’s anything but extremely low-probability.” [Hegland 2005]. In a survey of 85 national security experts, Senator Richard Lugar found a median estimate of 20 percent for the “probability of an attack involving a nuclear explosion occurring somewhere in the world in the next 10 years,” with 79 percent of the respondents believing “it more likely to be carried out by terrorists” than by a government [Lugar 2005, pp. 14-15]. I support increased efforts to reduce the threat of nuclear terrorism, but that is not inconsistent with the approach of this article. Because terrorism is one of the potential trigger mechanisms for a full-scale nuclear war, the risk analyses proposed herein will include estimating the risk of nuclear terrorism as one component of the overall risk. If that risk, the overall risk, or both are found to be unacceptable, then the proposed remedies would be directed to reduce which- ever risk(s) warrant attention. Similar remarks apply to a number of other threats (e.g., nuclear war between the U.S. and China over Taiwan). his article would be incomplete if it only dealt with the threat of nuclear terrorism and neglected the threat of full- scale nuclear war. If both risks are unacceptable, an effort to reduce only the terrorist component would leave humanity in great peril. In fact, society’s almost total neglect of the threat of full-scale nuclear war makes studying that risk all the more important. The cosT of World War iii The danger associated with nuclear deterrence depends on both the cost of a failure and the failure rate.3 This section explores the cost of a failure of nuclear deterrence, and the next section is concerned with the failure rate. While other definitions are possible, this article defines a failure of deterrence to mean a full-scale exchange of all nuclear weapons available to the U.S. and Russia, an event that will be termed World War III. Approximately 20 million people died as a result of the first World War. World War II’s fatalities were double or triple that number—chaos prevented a more precise deter- mination. In both cases humanity recovered, and the world today bears few scars that attest to the horror of those two wars. Many people therefore implicitly believe that a third World War would be horrible but survivable, an extrapola- tion of the effects of the first two global wars. In that view, World War III, while horrible, is something that humanity may just have to face and from which it will then have to recover. In contrast, some of those most qualified to assess the situation hold a very different view. In a 1961 speech to a joint session of the Philippine Con- gress, General Douglas MacArthur, stated, “Global war has become a Frankenstein to destroy both sides. … If you lose, you are annihilated. If you win, you stand only to lose. No longer does it possess even the chance of the winner of a duel. It contains now only the germs of double suicide.” Former Secretary of Defense Robert McNamara ex- pressed a similar view: “If deterrence fails and conflict develops, the present U.S. and NATO strategy carries with it a high risk that Western civilization will be destroyed” [McNamara 1986, page 6]. More recently, George Shultz, William Perry, Henry Kissinger, and Sam Nunn4 echoed those concerns when they quoted President Reagan’s belief that nuclear weapons were “totally irrational, totally inhu- mane, good for nothing but killing, possibly destructive of life on earth and civilization.” [Shultz 2007] Official studies, while couched in less emotional terms, still convey the horrendous toll that World War III would exact: “The resulting deaths would be far beyond any precedent. Executive branch calculations show a range of U.S. deaths from 35 to 77 percent (i.e., 79-160 million dead) … a change in targeting could kill somewhere between 20 million and 30 million additional people on each side .... These calculations reflect only deaths during the first 30 days. Additional millions would be injured, and many would eventually die from lack of adequate medical care … millions of people might starve or freeze during the follow- ing winter, but it is not possible to estimate how many. … further millions … might eventually die of latent radiation effects.” [OTA 1979, page 8] This OTA report also noted the possibility of serious ecological damage [OTA 1979, page 9], a concern that as- sumed a new potentiality when the TTAPS report [TTAPS 1983] proposed that the ash and dust from so many nearly simultaneous nuclear explosions and their resultant fire- storms could usher in a nuclear winter that might erase homo sapiens from the face of the earth, much as many scientists now believe the K-T Extinction that wiped out the dinosaurs resulted from an impact winter caused by ash and dust from a large asteroid or comet striking Earth. The TTAPS report produced a heated debate, and there is still no scientific consensus on whether a nuclear winter would follow a full-scale nuclear war. Recent work [Robock 2007, Toon 2007] suggests that even a limited nuclear exchange or one between newer nuclear-weapon states, such as India and Pakistan, could have devastating long-lasting climatic consequences due to the large volumes of smoke that would be generated by fires in modern megacities. While it is uncertain how destructive World War III would be, prudence dictates that we apply the same engi- neering conservatism that saved the Golden Gate Bridge from collapsing on its 50th anniversary and assume that preventing World War III is a necessity—not an option.

#### Causes US-Russia miscalc—extinction

**Barrett et al. 13**—PhD in Engineering and Public Policy from Carnegie Mellon University, Fellow in the RAND Stanton Nuclear Security Fellows Program, and Director of Research at Global Catastrophic Risk Institute—AND Seth Baum, PhD in Geography from Pennsylvania State University, Research Scientist at the Blue Marble Space Institute of Science, and Executive Director of Global Catastrophic Risk Institute—AND Kelly Hostetler, BS in Political Science from Columbia and Research Assistant at Global Catastrophic Risk Institute (Anthony, 24 June 2013, “Analyzing and Reducing the Risks of Inadvertent Nuclear War Between the United States and Russia,” Science & Global Security: The Technical Basis for Arms Control, Disarmament, and Nonproliferation Initiatives, Volume 21, Issue 2, Taylor & Francis)

War involving significant fractions of the U.S. and Russian nuclear arsenals, which are by far the largest of any nations, could have globally catastrophic effects such as severely reducing food production for years, 1 potentially leading to collapse of modern civilization worldwide, and even the extinction of humanity. 2 Nuclear war between the United States and Russia could occur by various routes, including accidental or unauthorized launch; deliberate first attack by one nation; and inadvertent attack. In an accidental or unauthorized launch or detonation, system safeguards or procedures to maintain control over nuclear weapons fail in such a way that a nuclear weapon or missile launches or explodes without direction from leaders. In a deliberate first attack, the attacking nation decides to attack based on accurate information about the state of affairs. In an inadvertent attack, the attacking nation mistakenly concludes that it is under attack and launches nuclear weapons in what it believes is a counterattack. 3 (Brinkmanship strategies incorporate elements of all of the above, in that they involve intentional manipulation of risks from otherwise accidental or inadvertent launches. 4 ) Over the years, nuclear strategy was aimed primarily at minimizing risks of intentional attack through development of deterrence capabilities, and numerous measures also were taken to reduce probabilities of accidents, unauthorized attack, and inadvertent war. For purposes of deterrence, both U.S. and Soviet/Russian forces have maintained significant capabilities to have some forces survive a first attack by the other side and to launch a subsequent counter-attack. However, concerns about the extreme disruptions that a first attack would cause in the other side's forces and command-and-control capabilities led to both sides’ development of capabilities to detect a first attack and launch a counter-attack before suffering damage from the first attack. 5 Many people believe that with the end of the Cold War and with improved relations between the United States and Russia, the risk of East-West nuclear war was significantly reduced. 6 However, it also has been argued that inadvertent nuclear war between the United States and Russia has continued to present a substantial risk. 7 While the United States and Russia are not actively threatening each other with war, they have remained ready to launch nuclear missiles in response to indications of attack. 8 False indicators of nuclear attack could be caused in several ways. First, a wide range of events have already been mistakenly interpreted as indicators of attack, including weather phenomena, a faulty computer chip, wild animal activity, and control-room training tapes loaded at the wrong time. 9 Second, terrorist groups or other actors might cause attacks on either the United States or Russia that resemble some kind of nuclear attack by the other nation by actions such as exploding a stolen or improvised nuclear bomb, 10 especially if such an event occurs during a crisis between the United States and Russia. 11 A variety of nuclear terrorism scenarios are possible. 12 Al Qaeda has sought to obtain or construct nuclear weapons and to use them against the United States. 13 Other methods could involve attempts to circumvent nuclear weapon launch control safeguards or exploit holes in their security. 14 It has long been argued that the probability of inadvertent nuclear war is significantly higher during U.S.–Russian crisis conditions, 15 with the Cuban Missile Crisis being a prime historical example. It is possible that U.S.–Russian relations will significantly deteriorate in the future, increasing nuclear tensions. There are a variety of ways for a third party to raise tensions between the United States and Russia, making one or both nations more likely to misinterpret events as attacks. 16

## 1AC Legal Regimes

#### Advantage two is legal regimes

#### US targeted killing derives authority from both armed conflict (jus in bello) and self-defense (jus ad bellum) legal regimes—that authority overlap conflates the legal regimes

Laurie Blank, Director, International Humanitarian Law Clinic, Emory Law School, 2012, Targeted Strikes: The Consequences of Blurring the Armed Conflict and Self-Defense Justifications, http://www.wmitchell.edu/lawreview/Volume38/documents/11.BlankFINAL.pdf

For the past several years, the United States has relied on both armed conflict and self-defense as legal justifications for targeted strikes outside of the zone of active combat in Afghanistan. A host of interesting questions arise from both the use of targeted strikes and the expansive U.S. justifications for such strikes, including the use of force in self-defense against non-state actors, the use of force across state boundaries, the nature and content of state consent to such operations, the use of targeted killing as a lawful and effective counterterrorism measure, and others.7 Furthermore, each of the justifications—armed conflict and self-defense—raises its own challenging questions regarding the appropriate application of the law and the parameters of the legal paradigm at issue. For example, if the existence of an armed conflict is the justification for certain targeted strikes, the immediate follow-on questions include the determination of a legitimate target within an armed conflict with a terrorist group and the geography of the battlefield. Within the self-defense paradigm, key questions include the very contours of the right to use force in self-defense against individuals and the implementation of the concepts of necessity and imminence, among many others.

However, equally fundamental questions arise from the use of both justifications at the same time, without careful distinction delimiting the boundaries between when one applies and when the other applies. From the perspective of the policymaker, the use of both justifications without further distinction surely offers greater flexibility and potential for action in a range of circumstances.8 To the extent such flexibility does not impact the implementation of the relevant law or hinder the development and enforcement of that law in the future, it may well be an acceptable goal. In the case of targeted strikes in the current international environment of armed conflict and counterterrorism operations occurring at the same time, however, the mixing of legal justifications raises significant concerns about both current implementation and future development of the law.

One overarching concern is the conflation in general of jus ad bellum and jus in bello. The former is the law governing the resort to force—sometimes called the law of self-defense—and the latter is the law regulating the conduct of hostilities and the protection of persons in conflict—generally called the law of war, the law of armed conflict, or international humanitarian law. International law reinforces a strict separation between the two bodies of law, ensuring that all parties have the same obligations and rights during armed conflict to ensure that all persons and property benefit from the protection of the laws of war. For example, the Nuremberg Tribunal repeatedly held that Germany’s crime of aggression neither rendered all German acts unlawful nor prevented German soldiers from benefitting from the protections of the jus in 6bello.9 More recently, the Special Court for Sierra Leone refused to reduce the sentences of Civil Defense Forces fighters on the grounds that they fought in a “legitimate war” to protect the government against the rebels.10 The basic principle that the rights and obligations of jus in bello apply regardless of the justness or unjustness of the overall military operation thus remains firmly entrenched. Indeed, if the cause at arms influenced a state’s obligation to abide by the laws regulating the means and methods of warfare and requiring protection of civilians and persons hors de combat, states would justify all departures from jus in bello with reference to the purported justness of their cause. The result: an invitation to unregulated warfare.11

#### Authority overlap destroys both the self-defense and armed conflict legal regimes

Laurie Blank, Director, International Humanitarian Law Clinic, Emory Law School, 2012, Targeted Strikes: The Consequences of Blurring the Armed Conflict and Self-Defense Justifications, http://www.wmitchell.edu/lawreview/Volume38/documents/11.BlankFINAL.pdf

In contrast, human rights law’s requirement that force only be used as a last resort when absolutely necessary for the protection of innocent victims of an attack creates an obligation to attempt to capture a suspected terrorist before any lethal targeting.101 A state using force in self-defense against a terrorist cannot therefore target him or her as a first resort but can only do so if there are no alternatives—meaning that an offer of surrender or an attempt at capture has been made or is entirely unfeasible in the circumstances. Thus, if non-forceful measures can foil the terrorist attack without the use of deadly force, then the state may not use force in self-defense.102 The supremacy of the right to life means that “even the most dangerous individual must be captured, rather than killed, so long as it is practically feasible to do so, bearing in mind all of the circumstances.”103 No more, this obligation to capture first rather than kill is not dependent on the target’s efforts to surrender; the obligation actually works the other way: the forces may not use deadly force except if absolutely necessary to protect themselves or innocent persons from immediate danger, that is, self-defense or defense of others. As with any law enforcement operation, “the intended result . . . is the arrest of the suspect,”104 and therefore every attempt must be made to capture before resorting to lethal force.

In the abstract, the differences in the obligations regarding surrender and capture seem straightforward. The use of both armed conflict and self-defense justifications for all targeted strikes without differentiation runs the risk of conflating the two very different approaches to capture in the course of a targeting operation. This conflation, in turn, is likely to either emasculate human rights law’s greater protections or undermine the LOAC’s greater permissiveness in the use of force, either of which is a problematic result. An oft-cited example of the conflation of the LOAC and human rights principles appears in the 2006 targeted killings case before the Israeli Supreme Court. In analyzing the lawfulness of the Israeli government’s policy of “targeted frustration,” the Court held, inter alia, that [a] civilian taking a direct part in hostilities cannot be attacked at such time as he is doing so, if a less harmful means can be employed. . . . Indeed, among the military means, one must choose the means whose harm to the human rights of the harmed person is smallest. Thus, if a terrorist taking a direct part in hostilities can be arrested, interrogated, and tried, those are the means which should be employed.105

The Israeli Supreme Court’s finding that targeting is only lawful if no less harmful means are available—even in the context of an armed conflict—“impose[s] a requirement not based in [the LOAC].”106 Indeed, the Israeli Supreme Court “used the kernel of a human rights rule—that necessity must be shown for any intentional deprivation of life, to restrict the application of [a LOAC] rule—that in armed conflict no necessity need be shown for the killing of combatants or civilians taking a direct part in hostilities.”107 Although the holding is specific to Israel and likely influenced greatly by the added layer of belligerent occupation relevant to the targeted strikes at issue in the case,108 it demonstrates some of the challenges of conflating the two paradigms.

First, if this added obligation of less harmful means was understood to form part of the law applicable to targeted strikes in armed conflict, the result would be to disrupt the delicate balance of military necessity and humanity and the equality of arms at the heart of the LOAC. Civilians taking direct part in hostilities—who are legitimate targets at least for the time they do so—would suddenly merit a greater level of protection than persons who are lawful combatants, a result not contemplated in the LOAC.109

Second, soldiers faced with an obligation to always use less harmful means may well either refrain from attacking the target—leaving the innocent victims of the terrorist’s planned attack unprotected—or disregard the law as unrealistic and ineffective. Neither option is appealing. The former undermines the protection of innocent civilians from unlawful attack, one of the core purposes of the LOAC. The latter weakens respect for the value and role of the LOAC altogether during conflict, a central component of the protection of all persons in wartime.

From the opposing perspective, if the armed conflict rules for capture and surrender were to bleed into the human rights and law enforcement paradigm, the restrictions on the use of force in selfdefense would diminish. Persons suspected of terrorist attacks and planning future terrorist attacks are entitled to the same set of rights as other persons under human rights law and a relaxed set of standards will only minimize and infringe on those rights. Although there is no evidence that targeted strikes using drones are being used in situations where there is an obligation to seek capture and arrest, it is not hard to imagine a scenario in which the combination of the extraordinary capabilities of drones and the conflation of standards can lead to exactly that scenario. If states begin to use lethal force as a first resort against individuals outside of armed conflict, the established framework for the protection of the right to life would begin to unravel. Not only would targeted individuals suffer from reduced rights, but innocent individuals in the vicinity would be subject to significantly greater risk of injury and death as a consequence of the broadening use of force outside of armed conflict.

#### This degrades the entire collective security structure resulting in widespread interstate war

Craig Martin, Associate Professor of Law at Washburn University School of Law, 2011, GOING MEDIEVAL: TARGETED KILLING, SELFDEFENSE AND THE JUS AD BELLUM REGIME, http://papers.ssrn.com/sol3/papers.cfm?abstract\_id=1956141

The United States has been engaging in this practice of using drone-mounted missile systems to kill targeted individuals since at least 2002.98 An increasing number of countries are developing drone capabilities, and other countries have employed different methods of targeted killing that constitute a use of force under jus ad bellum.99 The evidence suggests that the United States intends to continue and indeed expand the program, and there is a growing body of scholarly literature that either defends the policy’s legality, or advocates adjustment in international law to permit such action. There is, therefore, a real prospect that the practice could become more widespread, and that customary international law could begin to shift to reflect the principles implicit in the U.S. justification andin accordance with the rationales developed to support it**.**

Some of the implications of such an adjustment in the jus ad bellum regime are obvious from the foregoing analysis. As discussed, there would be a rejection of the narrow principle of self-defense in favor of something much closer to the Grotian concept of defensive war, encompassing punitive measures in response to past attacks and preventative uses of force to halt the development of future threats. The current conditions for a legitimate use of force in self-defense, namely the occurrence or imminence of an armed attack, necessity, and proportionality, would be significantly diluted or abandoned. Not only the doctrine of self-defense, but other aspects of the collective security system would be relaxed as well. Harkening back to Grotian notions of law enforcement constituting a just cause for war, the adjusted jus ad bellum regime would potentially permit the unilateral use of force against and within states for the purpose of attacking NSAs as such, in effect to enforce international law in jurisdictions that were incapable of doing so themselves.100 This would not only further undermine the concept of self-defense, but would undermine the exclusive jurisdiction that the U.N. Security Council currently has to authorize the use of force for purposes of “law enforcement” under Chapter VII of the Charter. Thus, both of the exceptions to the Article 2(4) prohibition on the use of force would be expanded.

In addition, however, the targeted killing policy threatens to create other holes in the jus ad bellum regime. This less obvious injury would arise from changes that would be similarly required of the IHL regime, and the resulting modifications to the fundamental relationship between the two regimes. These changes could lead to a complete severance of the remaining connection between the two regimes. Indeed, Ken Anderson, a scholar who has testified more than once on this subject before the U.S. Congress,101 has advocated just such a position, suggesting that the United States should assert that its use of force against other states in the process of targeted killings, while justified by the right to self-defense, does not rise to such a level that it would trigger the existence of an international armed conflict or the operation of IHL principles.102 If customary international law evolved along such lines, reverting to gradations in the types of use of force, the change would destroy the unity of the system comprised of the jus ad bellum and IHL regimes, and there would be legal “black holes” in which states could use force without being subject to the limitations and conditions imposed by the IHL regime.

The structure of Harold Koh’s two-pronged justification similarly implies a severance of this relationship between jus ad bellum and IHL, albeit in a different and even more troubling way. His policy justification consists of two apparently independent and alternative arguments—that the United States is in an armed conflict with Al Qaeda and associated groups; and that the actions are justified as an exercise of self-defense. The suggestion seems to be that the United States is entitled on either basis to use armed force not just against the individuals targeted, but also against states in which the terrorist members are located. In other words, the first prong of the argument is that the use of force against another sovereign state, for the purposes of targeting Al Qaeda members, is justified by the existence of an armed conflict with Al Qaeda. If this is indeed what is intended by the policy justification, it represents an extraordinary move, not just because it purports to create a new category of armed conflict (that is, a “transnational” armed conflict without geographic limitation),103 but because it also suggests that there need be no jus ad bellum justification at all for a use of force against another state. Rather, the implication of Koh’s rationale is that the existence of an armed conflict under IHL can by itself provide grounds for exemption from the prohibition against the threat or use of force under the jus ad bellum regime.

This interpretation of the justifications cannot be pressed too far on the basis of the language of Mr. Koh’s speech alone, which he hastened to explain at the time was not a legal opinion.104 The two justifications could be explained as being supplementary rather than independent and alternative in nature. But the conduct of the United States in the prosecution of the policy would appear to confirm that it is based on these two independent justifications.105 The strikes against groups and states unrelated to the 9/11 attacks could be explained in part by the novel idea that force can be used against NSAs as such, wherever they may be situated. But even assuming some sort of strict liability for states in which guilty NSAs are found, that explanation still does not entirely account for the failure to tie the use of force against the different groups to specific armed attacks launched by each such group. This suggests that the United States is also relying quite independently on the argument that it is engaged in an armed conflict with all of these groups, and that the existence of such an armed conflict provides an independent justification for the use of force against the states in which the groups may be operating.

While the initial use of force in jus ad bellum terms is currently understood to bring into existence an international armed conflict and trigger the operation of IHL, the changes suggested by the policy would turn this on its head, by permitting the alleged existence of a “transnational” armed conflict to justify the initial use of force against third states. Whereas the two regimes currently operate as two components of an overall legal system relating to war, with one regime governing the use of force and the other the conduct of hostilities in the resulting armed conflict, the move attempted by the U.S. policy would terminate these independent but inter-related roles within a single system, and expand the role and scope of IHL to essentially replace aspects of the jus ad bellum regime. This would not only radically erode the jus ad bellum regime’s control over the state use of force, but it could potentially undermine the core idea that war, or in more modern terms the use of force and armed conflict, constitutes a legal state that triggers the operation of special laws that govern the various aspects of the phenomenon. There is a risk of return to a pre-Grotian perspective in which “war” was simply a term used to describe certain kinds of organized violence, rather than constituting a legal institution characterized by a coherent system of laws designed to govern and constrain all aspects of its operation.

There is a tendency in the U.S. approach to the so-called “global war on terror” to cherry-pick principles of the laws of war and to apply them in ways and in circumstances that are inconsistent with the very criteria within that legal system that determine when and how it is to operate. This reflects a certain disdain for the idea that the laws of war constitute an internally coherent system of law.106 In short, the advocated changes to the jus ad bellum regime and to the relationship between it and the IHL regime, and thus to the laws of war system as a whole,107 would constitute marked departures from the trajectory the system has been on during its development over the past century, and would be a repudiation of deliberate decisions that were made in creating the U.N. system after the Second World War.108

The premise of my argument is not that any return to past principles is inherently regressive. A rejection of recent innovations in favor of certain past practices might be attractive to some in the face of new transnational threats. The argument here is not even to deny the idea that the international law system may have to adapt to respond to the transnational terrorist threat. The point, rather, is that the kind of changes to the international law system that are implicit in the targeted killing policy, and which are advocated by its supporters, would serve to radically reduce the limitations and constraints on the use of force by states against states. The modern principles that are being abandoned were created for the purpose of limiting the use of force and thus reducing the incidence of armed conflict among nations. The rejection of those ideas and a return to older concepts relating to the law of war would restore aspects of a system in which war was a legitimate tool of statecraft, and international armed conflict was thus far more frequent and widespread.109

The entire debate on targeted killing is so narrowly focused on the particular problems posed by transnational terrorist threats, and how to manipulate the legal limitations that tend to frustrate some of the desired policy choices, that there is insufficient reflection on the broader context, and the consequences that proposed changes to the legal constraints would have on the wider legal system of which they are a part. It may serve the immediate requirements of the American government, in order to legitimize the killing of AQAP members in Yemen, to expand the concept of self-defense, and to suggest that states can use force on the basis of a putative “transnational” armed conflict with NSAs. The problem is that the jus ad bellum regime applies to all state use of force, and it is not being adjusted in some tailored way to deal with terrorism alone. If the doctrine of self-defense is expanded to include preventative and punitive elements, it will be so expanded for all jus ad bellum purposes. The expanded doctrine of self-defense will not only justify the use of force to kill individual terrorists alleged to be plotting future attacks, but to strike the military facilities of states suspected of preparing for future aggression. If the threshold for use of force against states “harboring” NSAs is significantly reduced, the gap between state responsibility and the criteria for use of force will be reduced for all purposes. If the relationship between jus ad bellum and IHL is severed or altered, so as to create justifications for the use of force that are entirely independent of the jus ad bellum regime, then states will be entitled to use force against other states under the pretext of self-proclaimed armed conflict with NSAs generally.

We may think about each of these innovations as being related specifically to operations against terrorist groups that have been responsible for heinous attacks, and applied to states that have proven uniquely unwilling or unable to take the actions necessary to deal with the terrorists operating within their territory. But no clear criteria or qualifications are in fact tied to the modifications that are being advanced by the targeted killing policy. Relaxing the current legal constraints on the use of force and introducing new but poorly defined standards, will open up opportunities for states to use force against other states for reasons that have nothing to do with anti-terrorist objectives. Along the lines that Jeremy Waldron argues in chapter 4 in this volume,110 more careful thought ought to be given to the general norms that we are at risk of developing in the interest of justifying the very specific targeted killing policy. Ultimately, war between nations is a far greater threat, and is a potential source of so much more human suffering than the danger posed by transnational terrorism. This is not to trivialize the risks that terrorism represents, particularly in an age when Al Qaeda and others have sought nuclear weapons. But we must be careful not to undermine the system designed to constrain the use of force and reduce the incidence of international armed conflict, in order to address a threat that is much less serious in the grand scheme of things.

#### Robust support for the impact—legal regime conflation results in uncontrollable conflict escalation

Ryan Goodman, Anne and Joel Ehrenkranz Professor of Law, New York University School of Law, December 2009, CONTROLLING THE RECOURSE TO WAR BY MODIFYING JUS IN BELLO, Yearbook of International Humanitarian Law / Volume 12

A substantial literature exists on the conflation of jus ad bellum and jus in bello. However, the consequences for the former side of the equation – the resort to war – is generally under-examined. Instead, academic commentary has focused on the effects of compliance with humanitarian rules in armed conflict and, in particular, the equality of application principle. In this section, I attempt to help correct that imbalance.

In the following analysis, I use the (admittedly provocative) short-hand labels of ‘desirable’ and ‘undesirable’ wars. The former consists of efforts that aim to promote the general welfare of foreign populations such as humanitarian interventions and, on some accounts, peacekeeping operations. The latter – undesirable wars – include conflicts that result from security spirals that serve neither state’s interest and also include predatory acts of aggression.

4.1.1 Decreased likelihood of ‘desirable wars’

A central question in debates about humanitarian intervention is whether the international community should be more concerned about the prospect of future Kosovos – ambitious military actions without clear legal authority – or future Rwandas – inaction and deadlock at the Security Council. Indeed, various institutional designs will tend to favor one of those outcomes over the other. In 1999, Kofi Annan delivered a powerful statement that appeared to consider the prospect of repeat Rwandas the greater concern; and he issued a call to arms to support the ‘developing international norm in favor of intervention to protect civilians from wholesale slaughter’.95 Ifoneassumesthatthereis,indeed,aneedforcontinuedorgreatersupport for humanitarian uses of force, Type I erosions of the separation principle pose a serious threat to that vision. And the threat is not limited to unilateral uses of force. It also applies to military operations authorized by the Security Council. In short, all ‘interventions to protect civilians from wholesale slaughter’ are affected.

Two developments render desirable interventions less likely. First, consider implications of the Kosovo Commission/ICISS approach. The scheme imposes greater requirements on armed forces engaged in a humanitarian mission with respect to safeguarding civilian ives.96 If that scheme is intended to smoke out illicit intent,97 it is likely to have perverse effects: suppressing sincere humanitarian efforts at least on the margins. Actors engaged in a bona fide humanitarian intervention generally tend to be more protective of their own armed forces than in other conflicts. It is instructive to consider, for instance, the precipitous US withdrawal from the UN mission in Somalia – code-named Operation Restore Hope – after the loss of eighteen American soldiers in the Battle of Mogadishu in 1993, and the ‘lesson’ that policymakers drew from that conflict.98 Additionally, the Kosovoc ampaign – code-named Operation Noble Anvil – was designed to be a ‘zero-casualty war’ for US soldiers, because domestic public support for the campaign was shallow and unstable. The important point is that the Kosovo Commission/ICISS approach would impose additional costs on genuine humanitarian efforts, for which it is already difficult to build and sustain popular support. As a result, we can expect to see fewer bona fide interventions to protect civilians from atrocities.99 Notably, such results are more likely to affect two types of states: states with robust, democratic institutions that effectively reflect public opinion and states that highly value compliance with jus in bello. Both of those are the very states that one would most want to incentivize to initiate and participate in humanitarian interventions.

The second development shares many of these same consequences. Consider the implications of the British House of Lords decision in Al-Jedda which cast doubt on the validity of derogations taken in peacekeeping operations as well as other military efforts in which the homeland is not directly at stake and the state could similarly withdraw. The scheme imposes a tax on such interventions by precluding the government from adopting measures that would otherwise be considered lawful and necessary to meet exigent circumstances related to the conflict. Such extraordinary constraints in wartime may very well temper the resolve to engage in altruistic intervention and military efforts that involve similar forms of voluntarism on the part of the state. Such a legal scheme may thus yield fewer such operations and the participation of fewer states in such multilateral efforts. And, the impact of the scheme should disproportionately affect the very states that take international human rights obligations most seriously.

Notably, in these cases, the disincentives might weigh most heavily on third parties: states that decide whether and to what degree to participate in a coalition with the principal intervener. It is to be expected that the commitment on the part of the principal intervener will be stronger, and thus not as easily shifted by the erosion of the separation principle. The ability, however, to hold together a coalition of states is made much more difficult by these added burdens. Indeed, as the United States learned in the Kosovo campaign, important European allies were wary about the intervention, in part due to its lack of an international legal pedigree. And the weakness of the alliance, including German and Italian calls for an early suspension of the bombing campaign, impeded the ability to wage war in the first place. It may be these third party states and their decision whether to join a humanitarian intervention where the international legal regime matters most. Without such backing of important allies, the intervention itself is less likely to occur. It is also those states – the more democratic, the more rights respecting, and the more law abiding – that the international regime should prefer to be involved in these kinds of interventions.

The developments regulating jus ad bellum through jus in bello also threaten to make ‘undesirable wars’ more likely. In previous writing, I argue that encouraging states to frame their resort to force through humanitarian objectives rather than other rationales would, in the aggregate, reduce the overall level of disputes that result in uncontrolled escalation and war.100 A reverse relationship also holds true. That is, encouraging states to forego humanitarian rationales in favor of other justifications for using force may culminate in more international disputes ending in uncontrolled escalation and war. This outcome is especially likely to result from the pressures created by Type I erosions of the separation principle.

First, increasing the tax on humanitarian interventions (the Kosovo Commission/ICISS approach) and ‘wars of choice’ (the Al-Jedda approach) would encourage states to justify their resort to force on alternative grounds. For example, states would be incentivized to invoke other legitimated frameworks – such as security rationales involving the right to self-defense, collective self-defense, anticipatory self-defense, and traditional threats to international peace and security. And, even if military action is pursued through the Security Council, states may be reluctant to adopt language (in resolutions and the like) espousing or emphasizing humanitarian objectives.

Second, the elevation of self-regarding – security and strategic – frameworks over humanitarian ones is more likely to lead to uncontrolled escalation and war. A growing body of social science scholarship demonstrates that the type of issue in dispute can constitute an important variable in shaping the course of interstate hostilities. The first generation of empirical scholarship on the origins of war did not consider this dimension. Political scientists instead concentrated on features of the international system (for example, the distribution of power among states) and on the characteristics of states (for example, forms of domestic governance structures) as the key explanatory variables. Research agendas broadened considerably, however, in subsequent years. More recently, ‘[s]everal studies have identified substantial differences in conflict behavior over different types of issues’.101 The available evidence shows that states are significantly more inclined to fight over particular types of issues that are elevated in a dispute, despite likely overall material and strategic losses.102 Academic studies have also illuminated possible causal explanations for these empirical patterns. Specifically, domestic (popular and elite) constituencies more readily support bellicose behavior by their government when certain salient cultural or ideological issues are in contention. Particular issue areas may also determine the expert communities (humanitarian versus security mindsets) that gain influence in governmental circles – a development that can shape the hard-line or soft-line strategies adopted in the course of the dispute. In short, these links between domestic political processes and the framing of international disputes exert significant influence on whether conflicts will eventually culminate in war.

Third, a large body of empirical research demonstrates that states will routinely engage in interstate disputes with rivals and that those disputes which are framed through security and strategic rationales are more likely to escalate to war. Indeed, the inclusion of a humanitarian rationale provides windows of opportunity to control and deescalate a conflict. Thus, eliminating or demoting a humanitarian rationale from a mix of justifications (even if it is not replaced by another rationale) can be independently destabilizing. Espousing or promoting security rationales, on the other hand, is more likely to culminate in public demands for increased bellicosity, unintended security spirals, and military violence.103

Importantly, these effects may result even if one is skeptical about the power of international law to influence state behavior directly. It is reasonable to assume that international law is unlikely to alter the determination of a state to wage war, and that international law is far more likely to influence only the justificatory discourse states employ while proceeding down the warpath. However, as I argue in my earlier work, leaders (of democratic and nondemocratic) states become caught in their official justifications for military campaigns. Consequently, framing the resort to force as a pursuit of security objectives, or adding such issues to an ongoing conflict, can reshape domestic political arrangements, which narrows the subsequent range of policy options. Issues that initially enter a conflict due to disingenuous representations by political leaders can become an authentic part of the dispute over time. Indeed, the available social science research, primarily qualitative case studies, is even more relevant here. A range of empirical studies demonstrate such unintended consequences primarily in the case of leaders employing security-based and strategic rationales to justify bellicose behavior.104 A central finding is that pretextual and superficial justifications can meaningfully influence later stages of the process that shape popular and elite conceptions of the international dispute. And it is those understandings that affect national security strategies and the ladder of escalation to war. Indeed, one set of studies – of empires – suggests these are mechanisms for powerful states entering into disastrous military campaigns that their leaders did not initially intend.

#### Self-defense regime collapse causes global war—US TK legal regime key—only Congress solves international norm development

Beau Barnes, J.D., Boston University School of Law, Spring 2012, REAUTHORIZING THE “WAR ON TERROR”: THE LEGAL AND POLICY IMPLICATIONS OF THE AUMF’S COMING OBSOLESCENCE, https://www.jagcnet.army.mil/DOCLIBS/MILITARYLAWREVIEW.NSF/20a66345129fe3d885256e5b00571830/b7396120928e9d5e85257a700042abb5/$FILE/By%20Beau%20D.%20Barnes.pdf

Therefore, the more likely result is that the Executive Branch, grappling with the absence of explicit legal authority for a critical policy, would need to make increasingly strained legal arguments to support its actions.121 Thus, the Obama Administration will soon be forced to rationalize ongoing operations under existing legal authorities, which, I argue below, will have significant harmful consequences for the United States. Indeed, the administration faces a Catch-22—its efforts to destroy Al Qaeda as a functioning organization will lead directly to the vitiation of the AUMF. The administration is “starting with a result and finding the legal and policy justifications for it,” which often leads to poor policy formulation.122 Potential legal rationales would perforce rest on exceedingly strained legal arguments based on the AUMF itself, the President’s Commander in Chief powers, or the international law of selfdefense.123 Besides the inherent damage to U.S. credibility attendant to unconvincing legal rationales, each alternative option would prove legally fragile, destabilizing to the international political order, or both.

1. Effect on Domestic Law and Policy

Congress’s failure to reauthorize military force would lead to bad domestic law and even worse national security policy. First, a legal rationale based on the AUMF itself will increasingly be difficult to sustain. Fewer and fewer terrorists will have any plausible connection to the September 11 attacks or Al Qaeda, and arguments for finding those connections are already logically attenuated. The definition of those individuals who may lawfully be targeted and detained could be expanded incrementally from the current definition, defining more and more groups as Al Qaeda’s “co-belligerents” and “associated forces.”124 But this approach, apart from its obvious logical weakness, would likely be rejected by the courts at some point.125 The policy of the United States should not be to continue to rely on the September 18, 2001, AUMF.

Second, basing U.S. counterterrorism efforts on the President’s constitutional authority as Commander in Chief is legally unstable, and therefore unsound national security policy, because a combination of legal difficulties and political considerations make it unlikely that such a rationale could be sustained. This type of strategy would likely run afoul of the courts and risk destabilizing judicial intervention,126 because the Supreme Court has shown a willingness to step in and assert a more proactive role to strike down excessive claims of presidential authority.127 Politically, using an overly robust theory of the Commander in Chief’s powers to justify counterterrorism efforts would, ultimately, be difficult to sustain. President Obama, who ran for office in large part on the promise of repudiating the excesses of the Bush Administration, and indeed any president, would likely face political pressure to reject the claims of executive authority made “politically toxic” by the writings of John Yoo.128 Because of the likely judicial resistance and political difficulties, claiming increased executive authority to prosecute the armed conflict against Al Qaeda would prove a specious and ultimately futile legal strategy. Simply put, forcing the Supreme Court to intervene and overrule the Executive’s national security policy is anathema to good public policy. In such a world, U.S. national security policy would lack stability—confounding cooperation with allies and hindering negotiations with adversaries.

There are, of course, many situations where the president’s position as Commander in Chief provides entirely uncontroversial authority for military actions against terrorists. In 1998, President Clinton ordered cruise missile strikes against Al Qaeda-related targets in Afghanistan and Sudan in response to the embassy bombings in Kenya and Tanzania. In 1986, President Reagan ordered air strikes against Libyan targets after U.S. intelligence linked the bombing of a Berlin discotheque to Libyan operatives.129 Executive authority to launch these operations without congressional approval was not seriously questioned, and no congressional approval was sought.130 To be sure, many of the targeted killing operations carried out today fall squarely within the precedent of past practice supplied by these and other valid exercises of presidential authority. Notwithstanding disagreement about the scope of Congress’s and the president’s “war powers,” few would disagree with the proposition that the president needs no authorization to act in selfdefense on behalf of the country. However, it is equally clear that not all terrorists pose such a threat to the United States, and thus the on terror,”137 further distancing counterterrorism operations from democratic oversight would exacerbate this problem.138 Indeed, congressional oversight of covert operations—which, presumably, operates with full information—is already considered insufficient by many.139 By operating entirely on a covert basis, “the Executive can initiate more conflict than the public might otherwise [be] willing to support.”140

In a world without a valid AUMF, the United States could base its continued worldwide counterterrorism operations on various alternative domestic legal authorities. All of these alternative bases, however, carry with them significant costs—detrimental to U.S. security and democracy. The foreign and national security policy of the United States should rest on “a comprehensive legal regime to support its actions, one that [has] the blessings of Congress and to which a court would defer as the collective judgment of the American political system about a novel set of problems.”141 Only then can the President’s efforts be sustained and legitimate.

2. Effect on the International Law of Self-Defense

A failure to reauthorize military force would lead to significant negative consequences on the international level as well. Denying the Executive Branch the authority to carry out military operations in the armed conflict against Al Qaeda would force the President to find authorization elsewhere, most likely in the international law of selfdefense—the jus ad bellum.142 Finding sufficient legal authority for the United States’s ongoing counterterrorism operations in the international law of self-defense, however, is problematic for several reasons. As a preliminary matter, relying on this rationale usurps Congress’s role in regulating the contours of U.S. foreign and national security policy. If the Executive Branch can assert “self-defense against a continuing threat” to target and detain terrorists worldwide, it will almost always be able to find such a threat.143 Indeed, the Obama Administration’s broad understanding of the concept of “imminence” illustrates the danger of allowing the executive to rely on a self-defense authorization alone.144

This approach also would inevitably lead to dangerous “slippery slopes.” Once the President authorizes a targeted killing of an individual who does not pose an imminent threat in the strict law enforcement sense of “imminence,”145 there are few potential targets that would be off-limits to the Executive Branch. Overly malleable concepts are not the proper bases for the consistent use of military force in a democracy. Although the Obama Administration has disclaimed this manner of broad authority because the AUMF “does not authorize military force against anyone the Executive labels a ‘terrorist,’”146 relying solely on the international law of self defense would likely lead to precisely such a result.

The slippery slope problem, however, is not just limited to the United States’s military actions and the issue of domestic control. The creation of international norms is an iterative process, one to which the United States makes significant contributions. Because of this outsized influence, the United States should not claim international legal rights that it is not prepared to see proliferate around the globe. Scholars have observed that the Obama Administration’s “expansive and open-ended interpretation of the right to self-defence threatens to destroy the prohibition on the use of armed force . . . .”147 Indeed, “[i]f other states were to claim the broad-based authority that the United States does, to kill people anywhere, anytime, the result would be chaos.”148

Encouraging the proliferation of an expansive law of international self-defense would not only be harmful to U.S. national security and global stability, but it would also directly contravene the Obama Administration’s national security policy, sapping U.S. credibility. The Administration’s National Security Strategy emphasizes U.S. “moral leadership,” basing its approach to U.S. security in large part on “pursu[ing] a rules-based international system that can advance our own interests by serving mutual interests.”149 Defense Department General Counsel Jeh Johnson has argued that “[a]gainst an unconventional enemy that observes no borders and does not play by the rules, we must guard against aggressive interpretations of our authorities that will discredit our efforts, provoke controversy and invite challenge.”150 Cognizant of the risk of establishing unwise international legal norms, Johnson argued that the United States “must not make [legal authority] up to suit the moment.”151 The Obama Administration’s global counterterrorism strategy is to “adher[e] to a stricter interpretation of the rule of law as an essential part of the wider strategy” of “turning the page on the past [and rooting] counterterrorism efforts within a more durable, legal foundation.”152

Widely accepted legal arguments also facilitate cooperation from U.S. allies, especially from the United States’ European allies, who have been wary of expansive U.S. legal interpretations.153 Moreover, U.S. strategy vis-à-vis China focuses on binding that nation to international norms as it gains power in East Asia.154 The United States is an international “standard-bearer” that “sets norms that are mimicked by others,”155 and the Obama Administration acknowledges that its drone strikes act in a quasi-precedential fashion.156 Risking the obsolescence of the AUMF would force the United States into an “aggressive interpretation” of international legal authority,157 not just discrediting its own rationale, but facilitating that rationale’s destabilizing adoption by nations around the world.158

Reverse causal and targeted killing is key - absent the plan global war is inevitable

Fisk & Ramos 13 (Kerstin Fisk --- PhD in Political Science focusing on interstate war @ Claremont Graduate University, Jennifer M. Ramos-- PhD in Polisci and Professor @ Loyola Marymount focusing on norms and foreign policy, including drone warfare and preventative use of force, “Actions Speak Louder Than Words: Preventive Self-Defense as a Cascading Norm” 15 APR 2013, International Studies Perspectives (2013), 1–23)

Conclusion

Preventive self-defense entails waging a war or an attack by choice, in order to prevent a suspected enemy from changing the status quo in an unfavorable direction. Prevention is acting in anticipation of a suspected latent threat that might fully emerge someday. One might rightfully point out that preventive strikes are nothing new—the Iraq War is simply a more recent example in a long history of the preventive use of force. The strategic theorist Colin Gray (2007:27), for example, argues that “far from being a rare and awful crime against an historical norm, preventive war is, and has always been, so common, that its occurrence seems remarkable only to those who do not know their history.” Prevention may be common throughout history, but this does not change the fact that it became increasingly difficult to justify after World War II, as the international community developed a core set of normative principles to guide state behavior, including war as a last resort. The threshold for war was set high, imposing a stringent standard for states acting in self-defense. Gray concedes that there has been a “slow and erratic, but nevertheless genuine, growth of a global norm that regards the resort to war as an extraordinary and even desperate measure” and that the Iraq war set a “dangerous precedent” (44). Although our cases do not provide a definitive answer for whether a preventive self-defense norm is diffusing, they do provide some initial evidence that states are re-orienting their military and strategic doctrines toward offense. In addition, these states have all either acquired or developed unmanned aerial vehicles for the purposes of reconnaissance, surveillance, and/or precision targeting.

Thus, the results of our plausibility probe provide some evidence that the global norm regarding the use of force as a last resort is waning, and that a preventive self-defense norm is emerging and cascading following the example set by the United States. At the same time, there is variation among our cases in the extent to which they apply the strategy of self-defense. China, for example, has limited their adaption of this strategy to targeted killings, while Russia has declared their strategy to include the possibility of a preventive nuclear war. Yet, the preventive self-defense strategy is not just for powerful actors. Lesser powers may choose to adopt it as well, though perhaps only implementing the strategy against actors with equal or lesser power. Research in this vein would compliment our analyses herein.

With the proliferation of technology in a globalized world, it seems only a matter of time before countries that do not have drone technology are in the minority. While preventive self-defense strategies and drones are not inherently linked, current rhetoric and practice do tie them together. Though it is likely far into the future, it is all the more important to consider the final stage of norm evolution—internalization—for this particular norm. While scholars tend to think of norms as “good,” this one is not so clear-cut. If the preventive self-defense norm is taken for granted, integrated into practice without further consideration, it inherently changes the functioning of international relations. And unmanned aerial vehicles, by reducing the costs of war, make claims of preventive self-defense more palatable to the public. Yet a global norm of preventive self-defense is likely to be destabilizing, leading to more war in the international system, not less. It clearly violates notions of just war principles—jus ad bellum. The United States has set a dangerous precedent, and by continuing its preventive strike policy it continues to provide other states with the justification to do the same.

#### Law of armed conflict controls deterrence—collapse causes global WMD conflict

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(Robert and John, 59 DePaul L. Rev. 803)

Finally, the extension of IHRL to armed conflict may have significant consequences for the success of international law in advancing global welfare. Rules of the LOAC represent the delicate balancing between the imperatives of combat and the humanitarian goals in wartime. The LOAC has been remarkably successful in achieving compliance from warring nations in obeying these rules. This is most likely due to the reciprocal nature of the obligations involved. Nations treat prisoners of war well in order to guarantee that their own captive soldiers will be treated well by the enemy; nations will refrain from usingweapons of mass destruction because they are deterred by their enemy's possession of the same weapons. It has been one of the triumphs of international law to increase the restrictions on the use of unnecessarily destructive and cruel weapons, and to advance the norms of distinction and the humane treatment of combatants and civilians in wartime.

IHRL norms, on the other hand, may suffer from much lower rates of compliance. This may be due, in part, to the non-reciprocal nature of the obligations. One nation's refusal to observe freedom of speech, for example, will not cause another country to respond by depriving its own citizens of their rights. If IHRL norms--which were developed without much, if any, consideration of the imperatives of combat--merge into the LOAC, it will be likely that compliance with international law will decline. If nations must balance their security [\*849] needs against ever more restrictive and out-of-place international rules supplied by IHRL, we hazard to guess that the latter will give way. Rather than attempt to superimpose rules for peacetime civilian affairs on the unique circumstances of the "war on terror," a better strategy for encouraging compliance with international law would be to adapt the legal system already specifically designed for armed conflict.

A strong, adaptive LOAC regime is key to regulate inevitable autonomous weapons – the impact is global war

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Since the first lethal drone strike in 2001, the US use of remotely operated robotic weapons has dramatically expanded. Along with the broader use of robots for surveillance, ordnance disposal, logistics, and other military tasks, robotic weapons have spread rapidly to many nations, captured public attention, and sparked protest and debate. Meanwhile, every dimension of the technology is being vigorously explored. From stealthy, unmanned jets like the X-47B and its Chinese and European counterparts, to intelligent missiles, sub-hunting robot ships, and machine gun-wielding micro-tanks, robotics is now the most dynamic and destabilizing component of the global arms race.

Drones and robots are enabled by embedded autonomous subsystems that keep engines in tune and antennas pointed at satellites, and some can navigate, walk, and maneuver in complex environments autonomously. But with few exceptions, the targeting and firing decisions of armed robotic systems remain tightly under the control of human operators. This may soon change.

Autonomous weapons are robotic systems that, once activated, can select and engage targets without further intervention by a human operator (Defense Department, 2012). Examples include drones or missiles that hunt for their targets, using their onboard sensors and computers. Based on a computer’s decision that an appropriate target has been located, that target will then be engaged. Sentry systems may have the capability to detect intruders, order them to halt, and fire if the order is not followed. Future robot soldiers may patrol occupied cities. Swarms of autonomous weapons may enable a preemptive attack on an adversary’s strategic forces. Autonomous weapons may fight each other.

Just as the emergence of low-cost, high-performance information technology has been the most important driver of technological advance over the past half-century—including the revolution in military affairs already seen in the 1980s and displayed to the world during the 1991 Gulf War—so the emergence of artificial intelligence and autonomous robotics will likely be the most important development in both civilian and military technology to unfold over the next few decades.

Proponents of autonomous weapons argue that technology will gradually take over combat decision making: “Detecting, analyzing and firing on targets will become increasingly automated, and the contexts of when such force is used will expand. As the machines become increasingly adept, the role of humans will gradually shift from full command, to partial command, to oversight and so on” (Anderson and Waxman, 2013). Automated systems are already used to plan campaigns and logistics, and to assemble intelligence and disseminate lethal commands; in some cases, humans march to orders generated by machines. If, in the future, machines are to act with superhuman speed and perhaps even superhuman intelligence, how can humans remain in control? As former Army Lt. Colonel T. K. Adams observed more than a decade ago (2001), “Humans may retain symbolic authority, but automated systems move too fast, and the factors involved are too complex for real human comprehension.”

Almost nobody favors a future in which humans have lost control over war machines. But proponents of autonomous weapons argue that effective arms control would be unattainable. Many of the same claims that propelled the Cold War are being recycled to argue that autonomous weapons are inevitable, that international law will remain weak, and that there is no point in seeking restraint since adversaries will not agree—or would cheat on agreements. This is the ideology of any arms race.

Is autonomous warfare inevitable?

Challenging the assumption of the inevitability of autonomous weapons and building on the work of earlier activists, the Campaign to Stop Killer Robots, a coalition of nongovernmental organizations, was launched in April 2013. This effort has made remarkable progress in its first year. In May, the United Nations Special Rapporteur on extrajudicial killings, Christof Heyns, recommended that nations immediately declare moratoriums on their own development of lethal autonomous robotics (Heyns, 2013). Heyns also called for a high-level study of the issue, a recommendation seconded in July by the UN Advisory Board on Disarmament Matters. At the UN General Assembly’s First Committee meeting in October, a flood of countries began to express interest or concern, including China, Russia, Japan, the United Kingdom, and the United States. France called for a mandate to discuss the issue under the Convention on Certain Conventional Weapons, a global treaty that restricts excessively injurious or indiscriminate weapons. Meeting in Geneva in November, the state parties to the Convention agreed to formal discussions on autonomous weapons, with a first round in May 2014. The issue has been placed firmly on the global public and diplomatic agenda.

Despite this impressive record of progress on an issue that was until recently virtually unknown—or scorned as a mixture of science fiction and paranoia—there seems little chance that a strong arms control regime banning autonomous weapons will soon emerge from Geneva. Unlike glass shrapnel, blinding lasers, or even landmines and cluster munitions, autonomous weapon systems are not niche armaments of negligible strategic importance and unarguable cost to humanity. Instead of the haunting eyes of children with missing limbs, autonomous weapons present an abstract, unrealized horror, one that some might hope will simply go away.

Unless there is a strong push from civil society and from governments that have decided against pursuing autonomous weapons, those that have decided in favor of them—including the United States (Gubrud, 2013)—will seek to manage the issue as a public relations problem. They will likely offer assurances that humans will remain in control, while continually updating what they mean by control as technology advances. Proponents already argue that humans are never really out of the loop because humans will have programmed a robot and set the parameters of its mission (Schmitt and Thurnher, 2013). But autonomy removes humans from decision making, and even the assumption that autonomous weapons will be programmed by humans is ultimately in doubt.

Diplomats and public spokesmen may speak in one voice; warriors, engineers, and their creations will speak in another. The development and acquisition of autonomous weapons will push ahead if there is no well-defined, immovable, no-go red line. The clearest and most natural place to draw that line is at the point when a machine pulls the trigger, making the decision on whether, when, and against whom or what to use violent force. Invoking a well-established tenet of international humanitarian law, opponents can argue that this is already contrary to principles of humanity, and thus inherently unlawful. Equally important, opponents must point out the threat to peace and security posed by the prospect of a global arms race toward robotic arsenals that are increasingly out of human control.

Humanitarian law vs. killer robots

The public discussion launched by the Campaign to Stop Killer Robots has mostly centered on questions of legality under international humanitarian law, also called the law of war. “Losing Humanity,” a report released by Human Rights Watch in November 2012—coincidentally just days before the Pentagon made public the world’s first open policy directive for developing, acquiring, and using autonomous weapons—laid out arguments that fully autonomous weapons could not satisfy basic requirements of the law, largely on the basis of assumed limitations of artificial intelligence (Human Rights Watch and International Human Rights Clinic at Harvard Law School, 2012).

The principle of distinction, as enshrined in Additional Protocol I of the Geneva Conventions—and viewed as customary international law, thus binding even on states that have not ratified the treaty—demands that parties to a conflict distinguish between civilians and combatants, and between civilian objects and military objectives. Attacks must be directed against combatants and military objectives only; weapons not capable of being so directed are considered to be indiscriminate and therefore prohibited. Furthermore, those who make attack decisions must not allow attacks that may be expected to cause excessive harm to civilians, in comparison with the military gains expected from the attack. This is known as the principle of proportionality.

“Losing Humanity” argues that technical limitations mean robots could not reliably distinguish civilians from combatants, particularly in irregular warfare, and could not fulfill the requirement to judge proportionality.1 Distinction is clearly a challenge for current technology; face-recognition technology can rapidly identify individuals from a limited list of potential targets, but more general classification of persons as combatants or noncombatants based on observation is well beyond the state of the art. How long this may remain so is less clear. The capabilities to be expected of artificial intelligence systems 10, 20, or 40 years from now are unknown and highly controversial within both expert and lay communities.

While it may not satisfy the reified principle of distinction, proponents of autonomous weapons argue that some capability for discrimination is better than none at all. This assumes that an indiscriminate weapon would be used if a less indiscriminate one were not available; for example, it is often argued that drone strikes are better than carpet bombing. Yet at some point autonomous discrimination capabilities may be good enough to persuade many people that their use in weapons is a net benefit.

Judgment of proportionality seems at first an even greater challenge, and some argue that it is beyond technology in principle (Asaro, 2012). However, the military already uses an algorithmic “collateral damage estimation methodology” (Defense Department, 2009) to estimate incidental harm to civilians that may be expected from missile and drone strikes. A similar scheme could be developed to formalize the value of military gains expected from attacks, allowing two numbers to be compared. Human commanders applying such protocols could defend their decisions, if later questioned, by citing such calculations. But the cost of this would be to degrade human judgment almost to the level of machines.

On the other hand, IBM’s Watson computer (Ferruci et al., 2010) has demonstrated the ability to sift through millions of pages of natural language and weigh hundreds of hypotheses to answer ambiguous questions. While some of Watson’s responses suggest it is not yet a trustworthy model, it seems likely that similar systems, given semantic information about combat situations, including uncertainties, might be capable of making military decisions that most people would judge as reasonable, most of the time.

“Losing Humanity” also argues that robots, necessarily lacking emotion,2 would be unable to empathize and thus unable to accurately interpret human behavior or be affected by compassion. An important case of the latter is when soldiers refuse orders to put down rebellions. Robots would be ideal tools of repression and dictatorship.

If robot soldiers become available on the world market, it is likely that repressive regimes will acquire them, either by purchase or indigenous production. While it is theoretically possible for such systems to be safeguarded with tamper-proof programming against human rights abuses, in the event that the world fails to prohibit robot soldiers, unsafeguarded or poorly safeguarded versions will likely be available. A strong prohibition has the best chance of keeping killer robots out of the hands of dictators, both by restricting their availability and stigmatizing their use.

Accountability is another much-discussed issue. Clearly, a robot cannot be held responsible for its actions, but human commanders and operators—or even manufacturers, programmers, and engineers—might be held responsible for negligence or malfeasance. In practice, however, the robot is likely to be a convenient scapegoat in case of an unintended atrocity—a technical failure occurred, it was unintended and unforeseen, so nobody is to blame. Going further, David Akerson (2013) argues that since a robot cannot be punished, it cannot be a legal combatant.

These are some of the issues most likely to be discussed within the Convention on Certain Conventional Weapons. However, US Defense Department policy (2012) preemptively addresses many of these issues by directing that “[a]utonomous and semi-autonomous weapon systems shall be designed to allow commanders and operators to exercise appropriate levels of human judgment over the use of force.”

Under the US policy, commanders and operators are responsible for using autonomous weapons in accordance with the laws of war and relevant treaties, safety rules, and rules of engagement. For example, an autonomous weapon may be sent on a hunt-and-kill mission if tactics, techniques, and procedures ensure that the area in which it is directed to search contains no objects, other than the intended targets, that the weapon might decide to attack. In this case, the policy regards the targets as having been selected by humans and the weapon as merely semi-autonomous, even if the weapon is operating fully autonomously when it decides that a given radar return or warm object is its intended target. The policy pre-approves the immediate development, acquisition, and use of such weapons.

Although the policy does not define “appropriate levels,” it applies this rubric even in the case of fully autonomous lethal weapons targeting human beings without immediate human supervision. This makes it clear that appropriate levels, as understood within the policy, do not necessarily require direct human involvement in the decision to kill a human being (Gubrud, 2013). It seems likely that the United States will press other states to accept this paradigm as the basis for international regulation of autonomous weapons, leaving it to individual states to determine what levels of human judgment are appropriate.

Demanding human control and responsibility

As diplomatic discussions about killer robot regulation get under way, a good deal of time is apt to be lost in confusion about terms, definitions, and scope. “Losing Humanity” seeks to ban “fully autonomous weapons,” and Heyns’s report used the term “lethal autonomous robotics.” The US policy directive speaks of “autonomous and semi-autonomous weapon systems,” and the distinction between these is ambiguous (Gubrud, 2013). The Geneva mandate is to discuss “lethal autonomous weapon systems.”

Substantive questions include whether non-lethal weapons and those that target only matériel are within the scope of discussion. Legacy weapons such as simple mines may be regarded as autonomous, or distinguished as merely automatic, on grounds that their behavior is fully predictable by designers.3 Human-supervised autonomous and semi-autonomous weapon systems, as defined by the United States, raise issues that, like fractal shapes, appear more complex the more closely they are examined.

Instead of arguing about how to define what weapons should be banned, it may be better to agree on basic principles. One is that any use of violent force, lethal or non-lethal, must be by human decision and must at all times be under human control. Implementing this principle as strictly as possible implies that the command to engage an individual target (person or object) must be given by a human being, and only after the target is being reliably tracked by a targeting system and a human has determined that it is an appropriate and legal target.

A second principle is that a human commander must be responsible and accountable for the decision, and if the commander acts through another person who operates a weapon system, that person must be responsible and accountable for maintaining control of the system. “Responsible” refers here to a moral and legal obligation, and “accountable” refers to a formal system for accounting of actions. Both elements are essential to the approach.

Responsibility implies that commanders and operators may not blame inadequacies of technological systems for any failure to exercise judgment and control over the use of violent force. A commander must ensure compliance with the law and rules of engagement independently of any machine decision, either as to the identity of a target or the appropriateness of an attack, or else must not authorize the attack. Similarly, if a system does not give an operator sufficient control over the weapon to prevent unintended engagements, the operator must refuse to operate the system.

Accountability can be demonstrated by states that comply with this principle. They need only maintain records showing that each engagement was properly authorized and executed. If a violation is alleged, selected records can be unsealed in a closed inquiry conducted by an international body (Gubrud and Altmann, 2013).4

This framing, which focuses on human control and responsibility for the decision to use violent force, is both conceptually simple and morally compelling. What remains then is to set standards for adequate information to be presented to commanders, and to require positive action by operators of a weapon system. Those standards should also address any circumstances under which other parties—designers and manufacturers, for instance—might be held responsible for an unintended engagement.

There is at least one exceptional circumstance in which human control may be applied less strictly. Fully autonomous systems are already used to engage incoming missiles and artillery rounds; examples include the Israeli Iron Dome and the US Patriot and Aegis missile defense systems, as well as the Counter Rocket, Artillery, and Mortar system. The timeline for response in such systems is often so short that the requirement for positive human decision might impose an unacceptable risk of failure. Another principle—the protection of life from immediate threats—comes into play here. An allowance seems reasonable, if it is strictly limited. In particular, autonomous return fire should not be permitted, but only engagement of unmanned munitions directed against human-occupied territory or vehicles. Each such system should have an accountable human operator, and autonomous response should be delayed as long as possible to allow time for an override decision.

The strategic need for robot arms control

Principles of humanity may be the strongest foundation for an effective ban of autonomous weapons, but they are not necessarily the most compelling reason why a ban must be sought. The perceived military advantages of autonomy are so great that major powers are likely to strongly resist prohibition, but by the same token, autonomous weapons pose a severe threat to global peace and security.

Although humans have (for now) superior capabilities for perception in complex environments and for interpretation of ambiguous information, machines have the edge in speed and precision. If allowed to return fire or initiate it, they would undoubtedly prevail over humans in many combat situations. Humans have a limited tolerance of the physical extremes of acceleration, temperature, and radiation, are vulnerable to biological and chemical weapons, and require rest, food, breathable air, and drinkable water. Machines are expendable; their loss does not cause emotional pain or political backlash. Humans are expensive, and their replacement by robots is expected to yield cost savings.

While today’s relatively sparse use of drones, in undefended airspace, to target irregular forces can be carried out by remote control, large-scale use of robotic weapons to attack modern military forces would require greater autonomy, due to the burdens and vulnerabilities of communications links, the need for stealth, and the sheer numbers of robots likely to be involved. The US Navy is particularly interested in autonomy for undersea systems, where communications are especially problematic. Civilians are sparse on the high seas and absent on submarines, casting doubt on the relevance of humanitarian law. As the Navy contemplates future conflict with a peer competitor, it projects drone-versus-drone warfare in the skies above and waters below, and the use of sea-based drones to attack targets inland as well.

In a cold war, small robots could be used for covert infiltration, surveillance, sabotage, or assassination. In an open attack, they could find ways of getting into underground bunkers or attacking bases and ships in swarms. Because robots can be sent on one-way missions, they are potential enablers of aggression or preemption. Because they can be more precise and less destructive than nuclear weapons, they may be more likely to be used. In fact, the US Air Force’s Long Range Strike Bomber is planned to be both nuclear-capable and potentially unmanned, which would almost certainly mean autonomous.

There can be no real game-changers in the nuclear stalemate. Yet the new wave of robotics and artificial intelligence-enabled systems threatens to drive a new strategic competition between the United States and other major powers—and lesser powers, too. Unlike the specialized technologies of high-performance military systems at the end of the Cold War, robotics, information technology, and even advanced sensors are today globally available, driven as much by civilian as military uses. An autonomous weapons arms race would be global in scope, as the drone race already is.

Since robots are regarded as expendable, they may be risked in provocative adventures. Recently, China has warned that if Japan makes good on threats to shoot down Chinese drones that approach disputed islands, it could be regarded as an act of war. Similarly, forward-basing of missile interceptors (Lewis and Postol, 2010) or other strategic weapons on unmanned platforms would risk misinterpretation as a signal of imminent attack, and could invite preemption.

Engineering the stability of a robot confrontation would be a wickedly hard problem even for a single team working together in trust and cooperation, let alone hostile teams of competing and imperfectly coordinated sub-teams. Complex, interacting systems-of-systems are prone to sudden unexpected behavior and breakdowns, such as the May 6, 2010 stock market crash caused by interacting exchanges with slightly different rules (Nanex, 2010). Even assuming that limiting escalation would be a design objective, avoiding defeat by preemption would be an imperative, and this implies a constant tuning to the edge of instability. The history of the Cold War contains many well-known examples in which military response was interrupted by the judgment of human beings. But when tactical decisions are made with inhuman speed, the potential for events to spiral out of control is obvious.

The way out

Given the military significance of autonomous weapons, substantial pressure from civil society will be needed before the major powers will seriously consider accepting hard limits, let alone prohibition. The goal is as radical as, and no less necessary than, the control and abolition of nuclear weapons.

The principle of humanity is an old concept in the law of war. It is often cited as forbidding the infliction of needless suffering, but at its deepest level it is a demand that even in conflict, people should not lose sight of their shared humanity. There is something inhumane about allowing technology to decide the fate of human lives, whether through individual targeting decisions or through a conflagration initiated by the unexpected interactions of machines. The recognition of this is already deeply rooted. A scientific poll (Carpenter, 2013) found that Americans opposed to autonomous weapons outnumbered supporters two to one, in contrast to an equally strong consensus in the United States supporting the use of drones. The rest of the world leans heavily against the drone strikes (Pew Research Center, 2012), making it seem likely that global public opinion will be strongly against autonomous weapons, both on humanitarian grounds and out of concern for the dangers of a new arms race.

In the diplomatic discussions now under way, opponents of autonomous weapons should emphasize a well-established principle of international humanitarian law. Seeking to resolve a diplomatic impasse at the Hague Conference in 1899, Russian diplomat Friedrich Martens proposed that for issues not yet formally resolved, conduct in war was still subject to “principles of international law derived from established custom, from the principles of humanity, and from the dictates of public conscience.” Known as the Martens Clause, it reappeared in the second Hague Convention (1907), the Tehran Conference on Human Rights (1968), and the Geneva Convention additional protocols (1977). It has been invoked as the source of authority for retroactive liability in war crimes and for preemptive bans on inhumane weapons, implying that a strong public consensus has legal force in anticipation of an explicit law (Meron, 2000).

Autonomous weapons are a threat to global peace and therefore a matter of concern under the UN Charter. They are contrary to established custom, principles of humanity, and dictates of public conscience, and so should be considered as preemptively banned by the Martens Clause. These considerations establish the legal basis for formal international action to prohibit machine decision in the use of force. But for such action to occur, global civil society will need to present major-power governments with an irresistible demand: Stop killer robots.

## 1AC Solvency

#### Congressional limits of self-defense authority within armed conflict is necessary to resolve legal ambiguity

Mark David Maxwell, Colonel, Judge Advocate with the U.S. Army, Winter 2012, TARGETED KILLING, THE LAW, AND TERRORISTS, Joint Force Quarterly, http://www.ndu.edu/press/targeted-killing.html

In the wake of the attacks by al Qaeda on September 11, 2001, an analogous phenomenon of feeling safe has occurred in a recent U.S. national security policy: America’s explicit use of targeted killings to eliminate terrorists, under the legal doctrines of selfdefense and the law of war. Legal scholars define targeted killing as the use of lethal force by a state4 or its agents with the intent, premeditation, and deliberation to kill individually selected persons who are not in the physical custody of those targeting them.5 In layman’s terms, targeted killing is used by the United States to eliminate individuals it views as a threat.6 Targeted killings, for better or for worse, have become “a defining doctrine of American strategic policy.”7 Although many U.S. Presidents have reserved the right to use targeted killings in unique circumstances, making this option a formal part of American foreign policy incurs risks that, unless adroitly controlled and defined in concert with Congress, could drive our practices in the use of force in a direction that is not wise for the long-term health of the rule of law.

This article traces the history of targeted killing from a U.S. perspective. It next explains how terrorism has traditionally been handled as a domestic law enforcement action within the United States and why this departure in policy to handle terrorists like al Qaeda under the law of war—that is, declaring war against a terrorist organization—is novel. While this policy is not an ill-conceived course of action given the global nature of al Qaeda, there are practical limitations on how this war against terrorism can be conducted under the orders of the President. Within the authority to target individuals who are terrorists, there are two facets of Presidential power that the United States must grapple with: first, how narrow and tailored the President’s authority should be when ordering a targeted killing under the rubric of self-defense; and second, whether the President must adhere to concepts within the law of war, specifically the targeting of individuals who do not don a uniform. The gatekeeper of these Presidential powers and the prevention of their overreach is Congress. The Constitution demands nothing less, but thus far, Congress’s silence is deafening.

History of Targeted Killing During the Cold War, the United States used covert operations to target certain political leaders with deadly force.8 These covert operations, such as assassination plots against Fidel Castro of Cuba and Ngo Dinh Diem of South Vietnam, came to light in the waning days of the Richard Nixon administration in 1974. In response to the public outrage at this tactic, the Senate created a select committee in 1975, chaired by Senator Frank Church of Idaho, to “Study Government Operations with Respect to Intelligence Activities.”9 This committee, which took the name of its chairman, harshly condemned such targeting, which is referred to in the report as assassination: “We condemn assassination and reject it as an instrument of American policy.”10 In response to the Church Committee’s findings, President Gerald R. Ford issued an Executive order in 1976 prohibiting assassinations: “No employee of the United States Government shall engage in, or conspire to engage in political assassination.”11 The order, which is still in force today as Executive Order 12333, “was issued primarily to preempt pending congressional legislation banning political assassination.”12 President Ford did not want legislation that would impinge upon his unilateral ability as Commander in Chief to decide on the measures that were necessary for national security. 13 In the end, no legislation on assassinations was passed; national security remained under the President’s purview. Congress did mandate, however, that the President submit findings to select Members of Congress before a covert operation commences or in a timely fashion afterward.14 This requirement remains to this day. Targeted killings have again come to center stage with the Barack Obama administration’s extraordinary step of acknowledging the targeting of the radical Muslim cleric Anwar al-Awlaki, a U.S. citizen who lived in Yemen and was a member of an Islamic terrorist organization, al Qaeda in the Arabian Peninsula.15 Al-Awlaki played a significant role in an attack conducted by Umar Farouk Abdulmutallab, the Nigerian Muslim who attempted to blow up a Northwest Airlines flight bound for Detroit on Christmas Day 2009.16 According to U.S. officials, al-Awlaki was no longer merely encouraging terrorist activities against the United States; he was “acting for or on behalf of al-Qaeda in the Arabian Peninsula . . . and providing financial, material or technological support for . . . acts of terrorism.”17 Al-Awlaki’s involvement in these activities, according to the United States, made him a belligerent and therefore a legitimate target. The context of the fierce debates in the 1970s is different from the al-Awlaki debate. The targeted killing of an individual for a political purpose, as investigated by the Church Committee, was the use of lethal force during peacetime, not during an armed conflict. During armed conflict, the use of targeted killing is quite expansive.18 But in peacetime, the use of any lethal force is highly governed and limited by both domestic law and international legal norms. The presumption is that, in peacetime, all use of force by the state, especially lethal force, must be necessary. The Law Enforcement Paradigm Before 9/11, the United States treated terrorists under the law enforcement paradigm—that is, as suspected criminals.19 This meant that a terrorist was protected from lethal force so long as his or her conduct did not require the state to respond to a threat or the indication of one. The law enforcement paradigm assumes that the preference is not to use lethal force but rather to arrest the terrorist and then to investigate and try him before a court of law.20 The presumption during peacetime is that the use of lethal force by a state is not justified unless necessary. Necessity assumes that “only the amount of force required to meet the threat and restore the status quo ante may be employed against [the] source of the threat, thereby limiting the force that may be lawfully applied by the state actor.”21 The taking of life in peacetime is only justified “when lesser means for reducing the threat were ineffective.”22 Under both domestic and international law, the civilian population has the right to be free from arbitrary deprivation of life. Geoff Corn makes this point by highlighting that a law enforcement officer could not use deadly force “against suspected criminals based solely on a determination an individual was a member of a criminal group.”23 Under the law enforcement paradigm, “a country cannot target any individual in its own territory unless there is no other way to avert a great danger.”24 It is the individual’s conduct at the time of the threat that gives the state the right to respond with lethal force. The state’s responding force must be reasonable given the situation known at the time. This reasonableness standard is a “commonsense evaluation of what an objectively reasonable officer might have done in the same circumstances.”25 The U.S. Supreme Court has opined that this reasonableness is subjective: “[t]he calculus of reasonableness must embody allowances for the fact that police officers often are forced to make split-second judgments . . . about the amount of force that is necessary in a particular situation.”26 The law enforcement paradigm attempts to “minimize the use of lethal force to the extent feasible in the circumstances.”27 This approach is the starting point for many commentators when discussing targeted killing: “It may be legal for law enforcement personnel to shoot to kill based on the imminence of the threat, but the goal of the operation, from its inception, should not be to kill.”28 The presumption is that intentional killing by the state is unlawful unless it is necessary for self-defense or defense of others.29 Like the soldier who acts under the authority of self-defense, if one acts reasonably based on the nature of the threat, the action is justified and legal. What the law enforcement paradigm never contemplates is a terrorist who works outside the state and cannot be arrested. These terrorists hide in areas of the world where law enforcement is weak or nonexistent. The terrorists behind 9/11 were lethal and lived in ungovernable areas; these factors compelled the United States to rethink its law enforcement paradigm. The Law of War Paradigm The damage wrought by the 9/11 terrorists gave President George W. Bush the political capital to ask Congress for authorization to go to war with these architects of terror, namely al Qaeda. Seven days later, Congress gave the President the Authorization for the Use of Military Force (AUMF) against those “nations, organizations, or persons [the President] determines planned, authorized, committed, or aided the terrorist attacks that occurred on September 11, 2001, or harbored such organizations or persons, in order to prevent any future acts of international terrorism against the United States by such nations, organizations, or persons.”30 For the first time in modern U.S. history, the country was engaged in an armed conflict with members of an organization, al Qaeda, versus a state. The legal justification to use force, which includes targeted killings, against al Qaeda, the Taliban, and associated forces is twofold: self-defense and the law of war.31 In armed conflict, the rules governing when an individual can be killed are starkly different than in peacetime. The law enforcement paradigm does not apply in armed conflict. Rather, designated terrorists may be targeted and killed because of their status as enemy belligerents. That status is determined solely by the President under the AUMF. Unlike the law enforcement paradigm, the law of war requires neither a certain conduct nor an analysis of the reasonable amount of force to engage belligerents. In armed conflict, it is wholly permissible to inflict “death on enemy personnel irrespective of the actual risk they present.”32 Killing enemy belligerents is legal unless specifically prohibited—for example, enemy personnel out of combat like the wounded, the sick, or the shipwrecked.33 Armed conflict also negates the law enforcement presumption that lethal force against an individual is justified only when necessary. If an individual is an enemy, then “soldiers are not constrained by the law of war from applying the full range of lawful weapons.”34 Now the soldier is told by the state that an enemy is hostile and he may engage that individual without any consideration of the threat currently posed. The enemy is declared hostile; the enemy is now targetable. Anticipatory Self-defense

This paradigm shift is novel for the United States. The President’s authority to order targeted killings is clear under domestic law; it stems from the AUMF. Legal ambiguity of the U.S. authority to order targeted killings emerges, however, when it is required to interpret international legal norms like self-defense and the law of war. The United States has been a historic champion of these international norms, but now they are hampering its desires to target and kill terrorists.

Skeptics of targeted killing admit that “[t]he decision to target specific individuals with lethal force after September 11 was neither unprecedented nor surprising.”35 Mary Ellen O’Connell has conceded, for example, that targeted killing against enemy combatants in Afghanistan is not an issue because “[t]he United States is currently engaged in an armed conflict” there.36 But when the United States targets individuals outside a zone of conflict, as it did with alAwlaki in Yemen,37 it runs into turbulence because a state of war does not exist between the United States and Yemen.38 A formidable fault line that is emerging between the Obama administration’s position and many academics, international organizations,39 and even some foreign governments40 is where these targeted killings can be conducted.41

According to the U.S. critics, if armed conflict between the states is not present at a location, then the law of war is never triggered, and the state reverts to a peacetime paradigm. In other words, the targeted individual cannot be killed merely because of his or her status as an enemy, since there is no armed conflict. Instead, the United States, as in peacetime, must look to the threat the individual possesses at the time of the targeting. There is a profound shift of the burden upon the state: the presumption now is that the targeted killing must be necessary. When, for example, the United States targeted and killed six al Qaeda members in Yemen in 2002, the international reaction was extremely negative: the strike constituted “a clear case of extrajudicial killing.”42

The Obama administration, like its predecessor, disagrees. Its legal justification for targeted killings outside a current zone of armed conflict is anticipatory self-defense. The administration cites the inherent and unilateral right every nation has to engage in anticipatory self-defense. This right is codified in the United Nations charter43 and is also part of the U.S. interpretation of customary international law stemming from the Caroline case in 1837. A British warship entered U.S. territory and destroyed an American steamboat, the Caroline. In response, U.S. Secretary of State Daniel Webster articulated the lasting acid test for anticipatory self-defense: “[N]ecessity of self defense [must be] instant, overwhelming, leaving no choice of means and no moment for deliberation . . . [and] the necessity of self defense, must be limited by that necessity and kept clearly within it.”44

A state can act under the guise of anticipatory self-defense. This truism, however, leaves domestic policymakers to struggle with two critical quandaries: first, the factual predicate required by the state to invoke anticipatory self-defense, on the one hand; and second, the protections the state’s soldiers possess when they act under this authority, on the other. As to the first issue, there is simply no guidance from Congress to the President; the threshold for triggering anticipatory self-defense is ad hoc. As to the second issue, under the law of war, a soldier who kills an enemy has immunity for these precapture or warlike acts.45 This “combatant immunity” attaches only when the law of war has been triggered. Does combatant immunity attach when the stated legal authority is self-defense? There is no clear answer.

The administration is blurring the contours of the right of the state to act in Yemen under self-defense and the law of war protections afforded its soldiers when so acting. Therefore, what protections do U.S. Airmen enjoy when operating the drone that killed an individual in Yemen, Somalia, or Libya?

If they are indicted by a Spanish court for murder, what is the defense? Under the law of war, it is combatant immunity. But if the law of war is not triggered because the killing occurred outside the zone of armed conflict, the policy could expose Airmen to prosecution for murder. In order to alleviate both of these quandaries, Congress must step in with legislative guidance. Congress has the constitutional obligation to fund and oversee military operations.46 The goal of congressional action must not be to thwart the President from protecting the United States from the dangers of a very hostile world. As the debates of the Church Committee demonstrated, however, the President’s unfettered authority in the realm of national security is a cause for concern. Clarification is required because the AUMF gave the President a blank check to use targeted killing under domestic law, but it never set parameters on the President’s authority when international legal norms intersect and potentially conflict with measures stemming from domestic law.

#### Clear delineation of legal authority is key to solve

Laurie Blank, Director, International Humanitarian Law Clinic, Emory Law School, 2012, Targeted Strikes: The Consequences of Blurring the Armed Conflict and Self-Defense Justifications, http://www.wmitchell.edu/lawreview/Volume38/documents/11.BlankFINAL.pdf

As noted in the introduction to this article, maintaining the separation between and independence of jus ad bellum and jus in bello is vital for the effective application of the law and protection of persons in conflict. The discussion that follows will refer to both the LOAC and the law of self-defense extensively in a range of situations in order to analyze and highlight the risks of blurring the lines between the two paradigms. However, it is important to note that the purpose here is not to conflate the two paradigms, but to emphasize the risks inherent in blurring these lines. Preserving the historic separation remains central to the application of both bodies of law, to the maintenance of international security, and to the regulation of the conduct of hostilities.

III. BLURRING THE LINES

The nature of the terrorist threat the United States and other states face does indeed raise the possibility that both the armed conflict and the self-defense paradigms are relevant to the use of targeted strikes overall. The United States has maintained for the past ten years that it is engaged in an armed conflict with al Qaeda66 and, notwithstanding continued resistance to the notion of an armed conflict between a state and a transnational terrorist group in certain quarters, there is general acceptance that the scope of armed conflict can indeed encompass such a state versus non-state conflict. Not all U.S. counterterrorism measures fit within the confines of this armed conflict, however, with the result that many of the U.S. targeted strikes over the past several years may well fit more appropriately within the self-defense paradigm. The existence of both paradigms as relevant to targeted strikes is not inherently problematic. It is the United States’ insistence on using reference to both paradigms as justification for individual attacks and the broader program of targeted strikes that raises significant concerns for the use of international law and the protection of individuals by blurring the lines between the key parameters of the two paradigms.

A. Location of Attacks: International Law and the Scope of the Battlefield

The distinct differences between the targeting regimes in armed conflict and in self-defense and who can be targeted in which circumstances makes understanding the differentiation between the two paradigms essential to lawful conduct in both situations. The United States has launched targeted strikes in Afghanistan, Pakistan, Yemen, Somalia, and Syria during the past several years. The broad geographic range of the strike locations has produced significant questions—as yet mostly unanswered— and debate regarding the parameters of the conflict with al Qaeda.67 The U.S. armed conflict with al Qaeda and other terrorist groups has focused on Afghanistan and the border regions of Pakistan, but the United States has launched an extensive campaign of targeted strikes in Yemen and some strikes in Somalia in the past year as well. In the early days of the conflict, the United States seemed to trumpet the notion of a global battlefield, in which the conflict with al Qaeda extended to every corner of the world.68 Others have argued that conflict, even one with a transnational terrorist group, can only take place in limited, defined geographic areas.69 At present, the United States has stepped back from the notion of a global battlefield, although there is little guidance to determine precisely what factors influence the parameters of the zone of combat in the conflict with al Qaeda.70

Traditionally, the law of neutrality provided the guiding framework for the parameters of the battlespace in an international armed conflict. When two or more states are fighting and certain other states remain neutral, the line between the two forms the divider between the application of the laws of war and the law of neutrality.71 The law of neutrality is based on the fundamental principle that neutral territory is inviolable72 and focuses on three main goals: (1) contain the spread of hostilities, particularly by keeping down the number of participants; (2) define the legal rights of parties and nonparties to the conflict; and (3) limit the impact of war on nonparticipants, especially with regard to commerce.73 In this way, neutrality law leads to a geographic-based framework in which belligerents can fight on belligerent territory or the commons, but must refrain from any operations on neutral territory. In essence, the battlespace in a traditional armed conflict between two or more states is anywhere outside the sovereign territory of any of the neutral states.74 The language of the Geneva Conventions tracks this concept fairly closely. Common Article 2, which sets forth the definition of international armed conflict, states that such conflict occurs in “all cases of declared war or . . . any other armed conflict which may arise between two or more of the High Contracting Parties.”75 In Common Article 3, noninternational armed conflicts include conflicts between a state and non-state armed groups that are “occurring in the territory of one of the High Contracting Parties.”76 Both of these formulations tie the location of the armed conflict directly to the territory of one or more belligerent parties.

The neutrality framework as a geographic parameter is left wanting in today’s conflicts with terrorist groups, however. First, as a formal matter, the law of neutrality technically only applies in cases of international armed conflict.77 Even analogizing to the situations we face today is highly problematic, however, because today’s conflicts not only pit states against non-state actors, but because those actors and groups often do not have any territorial nexus beyond wherever they can find safe haven from government intrusion. As state and non-state actors have often shifted unpredictably and irregularly between acts characteristic of wartime and those characteristic of not-wartime[, t]he unpredictable and irregular nature of these shifts makes it difficult to know whether at any given moment one should understand them as armies and their enemies or as police forces and their criminal adversaries.78

Simply locating terrorist groups and operatives does not therefore identify the parameters of the battlefield—the fact that the United States and other states use a combination of military operations and law enforcement measures to combat terrorism blurs the lines one might look for in defining the battlefield. In many situations, “the fight against transnational jihadi groups . . . largely takes place away from any recognizable battlefield.”79

Second, a look at U.S. jurisprudence in the past and today demonstrates a clear break between the framework applied in past wars and the views courts are taking today. U.S. courts during World War I viewed “the port of New York [as] within the field of active [military] operations.”80 Similarly, a 1942 decision upholding the lawfulness of an order evacuating JapaneseAmericans to a military area stated plainly that the field of military operation is not confined to the scene of actual physical combat. Our cities and transportation systems, our coastline, our harbors, and even our agricultural areas are all vitally important in the all-out war effort in which our country must engage if our form of government is to survive.81

In each of those cases, the United States was a belligerent in an international armed conflict; the law of neutrality mandated that U.S. territory was belligerent territory and therefore part of the battlefield or combat zone. The courts take a decidedly different view in today’s conflicts, however, consistently referring to the United States as “outside a zone of combat,”82 “distant from a zone of combat,”83 or not within any “active [or formal] theater of war,”84 even while recognizing the novel geographic nature of the conflict. Even more recently, in Al Maqaleh v. Gates, both the District Court and the Court of Appeals distinguished between Afghanistan, “a theater of active military combat,”85 and other areas (including the United States), which are described as “far removed from any battlefield.”86 In a traditional belligerency-neutrality framework, one would expect to see U.S. territory viewed as part of the battlefield; the fact that courts consistently trend the other way highlights both the difference in approach and the uncertainty involved in defining today’s conflicts.

The current U.S. approach of using both the armed conflict paradigm and the self-defense paradigm as justifications for targeted strikes without further clarification serves to exacerbate the legal challenges posed by the geography of the conflict, at both a theoretical and a practical level. First, at the most fundamental level, uncertainty regarding the parameters of the battlefield has significant consequences for the safety and security of individuals. During armed conflict, the LOAC authorizes the use of force as a first resort against those identified as the enemy, whether insurgents, terrorists or the armed forces of another state. In contrast, human rights law, which would be the dominant legal framework in areas where there is no armed conflict, authorizes the use of force only as a last resort.87 Apart from questions regarding the application of human rights law during times of war, which are outside the scope of this article, the distinction between the two regimes is nonetheless starkest in this regard. The former permits targeting of individuals based on their status as members of a hostile force; the latter—human rights law—permits lethal force against individuals only on the basis of their conduct posing a direct threat at that time. The LOAC also accepts the incidental loss of civilian lives as collateral damage, within the bounds of the principle of proportionality;88 human rights law contemplates no such casualties. These contrasts can literally mean the difference between life and death in many situations. Indeed, “If it is often permissible to deliberately kill large numbers of humans in times of armed conflict, even though such an act would be considered mass murder in times of peace, then it is essential that politicians and courts be able to distinguish readily between conflict and nonconflict, between war and peace.”89 However, the overreliance on flexibility at present means that U.S. officials do not distinguish between conflict and non-conflict areas but rather simply use the broad sweep of armed conflict and/or self-defense to cover all areas without further delineation.

Second, on a broader level of legal application and interpretation, the development of the law itself is affected by the failure to delineate between relevant legal paradigms. “Emerging technologies of potentially great geographic reach raise the issue of what regime of law regulates these activities as they spread,”90 and emphasize the need to foster, rather than hinder, development of the law in these areas. Many argue that the ability to use armed drones across state borders without risk to personnel who could be shot down or captured across those borders has an expansive effect on the location of conflict and hostilities. In effect, they suggest that it is somehow “easier” to send unmanned aircraft across sovereign borders because there is no risk of a pilot being shot down and captured, making the escalation and spillover of conflict more likely.91 Understanding the parameters of a conflict with terrorist groups is important, for a variety of reasons, none perhaps more important than the life-and-death issues detailed above. By the same measure, understanding the authorities for and limits on a state’s use of force in self-defense is essential to maintaining orderly relations between states and to the ability of states to defend against attacks, from whatever quarter. The extensive debates in the academic and policy worlds highlight the fundamental nature of both inquiries. However, the repeated assurances from the U.S. government that targeted strikes are lawful in the course of armed conflict or in exercise of the legitimate right of self-defense—without further elaboration and specificity—allows for a significantly less nuanced approach. As long as a strike seems to fit into the overarching framework of helping to defend the United States against terrorism, there no longer would be a need to carefully delineate the parameters of armed conflict and self-defense, where the outer boundaries of each lie and how they differ from each other. From a purely theoretical standpoint, this limits the development and implementation of the law. Even from a more practical policy standpoint, the United States may well find that the blurred lines prove detrimental in the future when it seeks sharper delineations for other purposes.

#### Keeping action within the executive is the problem with the squo

Laurie Blank, Emory International Humanitarian Law Clinic Director, Professor, 10/10/13, “Raid Watching” and Trying to Discern Law from Policy, today.law.utah.edu/projects/raid-watching-and-trying-to-discern-law-from-policy/

Trying to identify and understand the legal framework the United States believes is applicable to counterterrorism operations abroad sometimes seems quite similar to “Fed watching,” the predictive game of trying to figure out what the Federal Reserve is likely to do based on the hidden meaning behind even the shortest or most cryptic of comments from the Chairman of the Federal Reserve. With whom exactly does the United States consider itself to be in an armed conflict? Al Qaeda, certainly, but what groups fall within that umbrella and what are associated forces? And to where does the United States believe its authority derived from this conflict reaches?

On Saturday, U.S. Special Forces came ashore in Somalia and engaged in a firefight with militants at the home of a senior leader of al Shabaab; it is unknown whether the target of the raid was killed. I must admit, my initial reaction was to wonder whether official information about the raid would give us any hints — who was the target and why was he the target? What were the rules of engagement (ROE) for the raid (in broad strokes, because anything specific is classified, of course)? And can we make any conclusions about whether the United States considers that its armed conflict with al Qaeda extends to Somalia or whether it believes that al Shabaab is a party to that armed conflict or another independent armed conflict?

The reality, however, is that this latest counterterrorism operation highlights once again the conflation of law and policy that exemplifies the entire discourse about the United States conflict with al Qaeda and other U.S. counterterrorism operations as well. And that using policy to discern law is a highly risky venture.

The remarkable series of public speeches by top Obama Administration legal advisors and national security advisors, the Department of Justice White Paper, and the May 2013 White House fact sheet on U.S. Policy Standards and Procedures for the Use of Force in Counterterrorism Operations Outside the United States and Areas of Active Hostilities all appear to offer extensive explanations of the international legal principles governing the use of drone strikes against al-Qaeda operatives in various locations around the globe, as well as related counterterrorism measures. In actuality, they offer an excellent example of the conflation of law and policy and the consequences of that conflation.

Policy and strategic considerations are without a doubt an essential component of understanding contemporary military operations and the application of international law. However, it is equally important to distinguish between law and policy, and to recognize when one is driving analysis versus the other.

The law regarding the use of force against an individual or group outside the borders of the state relies on one of two legal frameworks: the law of armed conflict (LOAC) and the international law of self-defense (jus ad bellum). During armed conflict, LOAC applies and lethal force can be used as a first resort against legitimate targets, a category that includes all members of the enemy forces (the regular military of a state or members of an organized armed group) and civilians who are directly participating in hostilities. Outside of armed conflict, lethal force can be used in self-defense against an individual or group who has engaged in an armed attack – or poses an imminent threat of such an attack, where the use of force is necessary and proportionate to repel or deter the attack or threat.

The United States has consistently blurred these two legal justifications for the use of force, regularly stating that it has the authority to use force either as part of an ongoing armed conflict or under self-defense, without differentiating between the two or delineating when one or the other justification applies. From the perspective of the policymaker, the use of both justifications without further distinction surely offers greater flexibility and potential for action in a range of circumstances. From the perspective of careful legal analysis, however, it can prove problematic.

In effect, it is U.S. policy to eliminate “bad guys” — whether by use of lethal force or detention — who are attacking or posing a threat to the United States or U.S. interests. Some of these “bad guys” are part of a group with whom we are in an armed conflict (such as al Qaeda); some pose an imminent threat irrespective of the armed conflict; some are part of a group that shares an ideology with al Qaeda or is linked in some more comprehensive way. Drone strikes, Special Forces raids, capture — each situation involves its own tactical plans and twists.

But do any of these specific tactical choices tell us anything in particular about whether LOAC applies to a specific operation? Whether the United States believes it applies? Unfortunately, not really. Take Saturday’s raid in Somalia, for example. Some would take the use of lethal force by the United States against a member of al Shabaab in Somalia to suggest that the United States views al Shabaab as part of the conflict with al Qaeda, or that the United States views the geographical arena of the conflict as extending at least into Somalia. Others analyze it through the lens of self-defense, because news reports suggest that U.S. forces sought to capture the militant leader and used deadly force in the process of trying to effectuate that capture.

Ultimately, however, the only certain information is that the United States viewed this senior leader of al Shabaab as a threat – but whether that threat is due to participation in an armed conflict or due to ongoing or imminent attacks on the United States is not possible to discern. Why? Because more than law guides the planning and execution of the mission. Rules of engagement (ROE) are based on law, strategy and policy: the law forms the outer parameters for any action; ROE operate within that framework to set the rules for the use of force in the circumstances of the particular military mission at hand, the operational imperatives and national command policy.

The fact that the operation may have had capture as its goal, if feasible, does not mean that it could only have occurred outside the framework of LOAC. Although LOAC does not include an obligation to capture rather than kill an enemy operative — it is the law enforcement paradigm applicable outside of armed conflict that mandates that the use of force must be a last resort — ROE during an armed conflict may require attempt to capture for any number of reasons, including the desire to interrogate the target of the raid for intelligence information. Likewise, the use of military personnel and the fact that the raid resulted in a lengthy firefight does not automatically mean that armed conflict is the applicable framework — law enforcement in the self-defense context does narrowly prescribe the use of lethal force, but that use of force may nonetheless be robust when necessary.

“Raid-watching” — trying to predict the applicable legal framework from reports of United States strikes and raids on targets abroad — highlights the challenges of the conflation of law and policy and the concomitant risks of trying to sift the law out from the policy conversation. First, determining the applicable legal framework when two alternate, and even opposing, frameworks are presented as the governing paradigm at all times is extraordinarily complicated. This means that assessing the legality of any particular action or operation can be difficult at best and likely infeasible, hampering efforts to ensure compliance with the rule of law. Second, conflating law and policy risks either diluting or unnecessarily constraining the legal regimes. The former undermines the law’s ability to protect persons in the course of military operations; the latter places undue limits on the lawful strategic options for defending U.S. interests and degrading or eliminating enemy threats. Policy can and should be debated and law must be interpreted and applied, but substituting policy for legal analysis ultimately substitutes policy’s flexibility for the law’s normative foundations.

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## A2: No Modeling

**US TK policy is key**

Braden R. Allenby 14, Professor of Civil and Environmental Engineering and of Law at Arizona State University, Are new technologies undermining the laws of war?, Bulletin of the Atomic Scientists January/February 2014 vol. 70 no.1 21-31

As historical example strongly suggests, new technologies are likely to destabilize internal military cultures and practices as well. Today, for example, the US armed forces are trying to manage the transition from manned combat aircraft to unmanned, remotely controlled unmanned aerial vehicles, and on to largely autonomous air vehicles. The new technology requires not just different skills, but fundamental shifts in military culture and organization as well: Leaders who emerged from traditional air combat environments will not necessarily have the same values or behave in the same way as leaders who excel in the Air Force because of their ability to play advanced video games whose graphics and operation closely mimic the real world of pilotless aircraft. And subtle questions of culture and organization matter when, for example, autonomous combat aircraft raise questions of compliance with the laws of war.

Changing contexts

The laws of war and international humanitarian law are challenged today not just by technology, but by a perfect storm of cultural and geopolitical change. Many of the working assumptions that have been stable over much of the past centuries, and which have formed an unquestioned but critical underpinning for existing laws and norms, are stable no more. A look at four emerging military technologies helps illustrate this disruption.

Why, for example, are military unmanned aerial vehicles so contentious?1 They are, in one analysis, just another platform for keeping an eye on, and striking, the enemy from the air. But with the increasing deployment of unmanned aerial vehicles, the United States has asserted the right to make strikes around the world, a position driven not by the technology itself, but by the global nature of terrorism and the jihadist movement. This new conceptualization of the battle zone, however, sits uncomfortably with the assumption underlying the laws of war: When those laws were conceptualized, combat zones were geographically constrained and obvious, making it relatively easy to differentiate between combatants and non-combatants.

Unmanned aerial vehicles raise other issues, as well: An unmanned US aircraft may be operated by the US Air Force, in which case international humanitarian law will be applied in full.2 Or it may be operated by the CIA, in which case the only law that may apply is the law of the country where the event takes place. Or the unmanned aerial vehicle might be operated by a private military contractor, in which case it is not clear what law might apply. To make things worse, the ever-expanding battlefield might be occupied simultaneously by the same model of remotely piloted aircraft, controlled by different actors operating under all three of these legal regimes in ways that are not at all transparent or institutionalized. Attributing this complexity to unmanned aerial vehicle technology is a mistake of attribution; it’s like blaming your computer for the Facebook posting that your sweetheart used to break up with you.

And what about directed energy weapons, such as the US Army’s Active Denial System, a non-lethal weapon that causes those who are targeted to feel a painful heating sensation? It is ideal for crowd control. But if you are in a combat zone, and you need to control a crowd, the military method has been and remains simple: a machine gun. Non-lethal crowd control is a policing function, not a combat function—so the technology becomes useful only as pure military objectives fragment into policing, nation-building, and other functions. The norms embedded in the laws of war are those applicable to combat, not to policing; the more that one tries to apply them to policing, the more one compounds yet another category mistake. That such technologies are needed for military operations in the Afghan and Pakistan border areas simply reflects a fact of the new technological, cultural, and geopolitical order: Combat is today only one of the functions that a military finds itself struggling to manage. The old mental models and vocabulary of the laws of war break down under the challenges of this new complexity.

Lethal autonomous robots are machines programmed and deployed with the ability to identify, track, and eliminate targets without human intervention—even, in theory, if those targets are other human beings. The implications of such creations have so far been a source of much heat and far less light regarding the applicability of the laws and norms of warfare. Indeed, such machines are already deployed in the Korean DMZ; some US weapon systems, such as the Aegis fire control computer system on some US naval vessels, usually operate under the control of humans but have an autonomous mode that allows the weapon to operate on its own in extreme conditions. Why? In part, the move toward autonomous weapons is a response to the increasing speed and complexity of modern warfare; the ability of humans to keep up can only be augmented to a certain degree. A ship under coordinated attack with modern weapons is toast if it relies on human perceptual and cognitive cycle times for its defense. Efficiency and demographics also play a role in military autonomy: Most countries with world-power aspirations are aging, and the number of young people available to become boots on the ground will inevitably go down at some point. In this context, autonomous weapons become, simply, the substitution of capital for labor.

While highly contentious, autonomous weapons do not necessarily pose the foundational challenge to the laws of war that other military technologies can. Much of the ethical discussion revolves around whether lethal autonomous robots—whatever they may end up looking like, or doing—will be able to, for instance, discriminate between military and civilian targets the way that humans do. This is a factual question that depends on future research and development for resolution; efforts to answer it definitively right now tend to represent the triumph of ideology over technological reality. But humans clearly do not always themselves comply with the discrimination requirement of international humanitarian law, leading to a sub-discussion: Must a robot be perfect in its compliance with international law, or simply much better than humans?

If there is a game-changer among these four examples, it’s probably the revolution in cyber weaponry, which raises a multitude of intertwined legal and social questions. For example, cyber networks are routinely and heavily dual use—that is, civilian and military traffic travels through them. These uses overlap to a far greater degree than, say, an occasional military convoy on a highway system. Moreover, such networks are by their nature not bound by geography; a signal from two allied nations may pass through many other nations that facilitate the information transfer.

This global mixing of civilian and military activity poses interesting challenges to a body of law and practice that, after all, grew up in the physical world. For example, if a military command implementing an attack passes from the United Kingdom to the United States via South Korean servers, those servers, and the South Korean technicians who operate them, could or could not be potential targets for response from the opposing military power, depending on how one interprets current international laws. The same could hold for US information technology and communications firms like Microsoft and Google, which provide much functionality to these dual-use networks and hence to the US military and which could be considered war-supporting entities equivalent to munitions factories, and therefore legitimate targets, or not, depending on legal reasoning. Determining who is and is not a combatant also becomes difficult in the cyber realm. When Russia invaded Georgia in the 2008 South Ossetia War, groups such as the criminal hacker organization Russian Business Network simultaneously attacked Georgian Internet resources, which could make RBN members combatants subject to military attack, or, simply, civilians, depending on one’s point of view. Many nations appear to use informal, patriotic privateer parties to augment their conflicts with others. Are such entities responsible for compliance with international humanitarian law, or are they only subject to local civil and criminal law? If the latter, just how effective will that be?

More seriously, the essence of cyber warfare is non-attribution: It is very difficult, especially in real time, to pierce the anonymity of the Internet and identify attackers. Even in the case of Stuxnet—a computer worm sophisticated enough to attack the supervisory control and data acquisition software of Iran’s nuclear centrifuge operations—it is difficult to assert the source with certainty, although winks and nudges indicate that it most probably originated with the United States and Israel. Because most such attacks rely on tricking opponents into using malware, they may well violate international humanitarian law strictures against “perfidy,” traditional forms of which might include falsely marking tanks as hospital vehicles. Attribution is a critical issue for other reasons: Under jus ad bellum, a nation can legally respond when attacked. Suppose someone puts a host of logic bombs in your country’s networks—your transportation infrastructure networks, your energy and grid networks, and so forth—but doesn’t activate them. Whether your country can legally retaliate, and if it can, against whom are open questions. A tank comes from an identifiable party; a computer worm, not necessarily.

Unsatisfying answers

Experts are beginning to focus on the legal questions raised by emerging, disruptive military technologies and associated cultural and geopolitical changes, but so far their answers are not entirely satisfactory. The US Department of Justice white paper (2011) that explains the legal basis by which it justifies lethal unmanned aerial vehicle attacks anywhere in the world has the air of a document that is trying hard to stretch existing laws over gaping holes that they were never meant to cover—and in fact don’t. Global terrorism by non-state actors who are not part of any military, do not act at the behest of any state, are highly mobile at a global scale, may be acting militarily only a small percent of their time, and view the world as their battlefield and civilians as prime targets is not a form of conflict the laws of war were designed to cover. But then, national criminal laws are also too limited to be effective against global jihadism, except in special cases.

That goldilocks makes war obsolete - aggression becomes too costly

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Lethal robots have been making progress in the real world as well. One of the principal weapons of modern warfare, the Tomahawk missile, is a robot. To be sure, its target is chosen by humans, but the missile guides itself to its destination -- totally unlike human-controlled Predators, Reapers, and other so-called drones -- working around terrain features and dealing with all other factors on its own as well. Tomahawks have done much killing in our two wars with Iraq -- and in a few other spots as well. Israel's Harpy is another fully autonomous robot attack system; while it aims to take out radar emitters rather than people, if enemy soldiers are on site.... The British Taranis is a robot aircraft capable of engaging enemy fighter jets. On the Korean Peninsula, Techwin is a patrol robot, usually remote-controlled but capable of autonomously guarding the demilitarized zone between the North and South -- that narrow patch of green foliage surrounded by the most militarized turf on the planet.

Clearly, 21st century military affairs are already being driven by the quest to blend human soldiers with intelligent machines in the most artful fashion. For example, in urban battles, where casualties have always been high, it will be better to send a robot into the rubble first to scout out a building before the human troops advance. In future naval engagements, where the risk of killing civilians will be close to nil out at sea, robot attack craft might be the smartest weapon to use, particularly in an emerging era of supersonic anti-ship missiles that will imperil aircraft carriers and other large vessels. In the air, robots will pilot advanced jets built to perform at extreme G-forces that the human body could never tolerate. As Peter Singer has observed in his book Wired for War, robots are now implementing the swarming concept that my partner David Ronfeldt and I developed over a decade ago -- the notion of attacking from several directions at the same time -- at least in the United States military.

All this means that the moratorium Christof Heyns called for is likely to be dead on arrival if it ever gets to the U.N. Security Council -- some veto-wielding members have no intention of backing away from intelligent-machine warfare. Also, those who keep the high watch in many other countries are no doubt going to seek the diffusion, rather than the banning, of armed robots. However, the concerns that Heyns expressed are important ones. Yes, we should take care to protect noncombatants, but I think the case can be made that robots will do no worse, and perhaps will do better than humans, in the area of collateral damage. They don't tire, seek revenge, or strive to humiliate their enemies. They will make occasional mistakes -- just as humans always have and always will.

As to Heyns's worry that war will become too attractive if it can be waged by robots, I can only reaffirm Gen. William Tecumseh Sherman's assessment: "War is hell." He was right during the Civil War, and the carnage of the nearly 150 years since -- perhaps the very bloodiest century-and-a-half in human history -- has done nothing at all to disprove his point. So the coming of lethal robots, as with other technological advances, will likely make war ever deadlier. The only glimmer of hope is that on balance, and contrary to Heyns's concern, the cool, lethal effectiveness of robots properly used might, just might, give potential aggressors pause, keeping them from going to war in the first place. For if invading human armies, navies, and air forces can be decimated by defending robots, the cost of aggression will be seen as too high. Indeed, the country, or group of countries, that can gain and sustain an edge in military robots might have the ultimate peacekeeping capability.

Think of Gort and his fellow alien robots from the original Day the Earth Stood Still movie. As Klaatu, his humanoid partner, makes clear to the people of Earth, his alliance of planets had placed their security in the hands of robots programmed to annihilate any among them who would break the peace. A good use of lethal robots for a greater humane purpose.

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**Donohue 13** Laura K. Donohue, Associate Professor of Law, Georgetown Law, 4/11**/**13**,** National Security Law Pedagogy and the Role of Simulations, http://jnslp.com/wp-content/uploads/2013/04/National-Security-Law-Pedagogy-and-the-Role-of-Simulations.pdf

The concept of simulations as an aspect of higher education, or in the law school environment, is not new.164 Moot court, after all, is a form of simulation and one of the oldest teaching devices in the law. What is new, however, is the idea of designing a civilian national security course that takes advantage of the doctrinal and experiential components of law school education and integrates the experience through a multi-day simulation. In 2009, I taught the first module based on this design at Stanford Law, which I developed the following year into a full course at Georgetown Law. It has since gone through multiple iterations.

The initial concept followed on the federal full-scale Top Official (“TopOff”) exercises, used to train government officials to respond to domestic crises.165 It adapted a Tabletop Exercise, designed with the help of exercise officials at DHS and FEMA, to the law school environment. The Tabletop used one storyline to push on specific legal questions, as students, assigned roles in the discussion, sat around a table and for six hours engaged with the material.

The problem with the Tabletop Exercise was that it was too static, and the rigidity of the format left little room, or time, for student agency. Unlike the government’s TopOff exercises, which gave officials the opportunity to fully engage with the many different concerns that arise in the course of a national security crisis as well as the chance to deal with externalities, the Tabletop focused on specific legal issues, even as it controlled for external chaos.

The opportunity to provide a more full experience for the students came with the creation of first a one-day, and then a multi-day simulation. The course design and simulation continues to evolve. It offers a model for achieving the pedagogical goals outlined above, in the process developing a rigorous training ground for the next generation of national security lawyers.166

A. Course Design

The central idea in structuring the NSL Sim 2.0 course **was to bridge the gap between theory and practice by conveying** doctrinal **material and** creating an alternative reality in which students would be forced to act upon legal concerns.167 The exercise itself is a form of problem-based learning, wherein students are given both agency and responsibility for the results. Towards this end, the structure must be at once bounded (directed and focused on certain areas of the law and legal education) and flexible (responsive to student input and decisionmaking).

Perhaps the most significant weakness in the use of any constructed universe is the problem of authenticity. Efforts to replicate reality will inevitably fall short. There is simply too much uncertainty, randomness, and complexity in the real world. One way to address this shortcoming, however, is through design and agency. The scenarios with which students grapple and the structural design of the simulation must reflect the national security realm, even as students themselves must make choices that carry consequences. Indeed, to some extent, student decisions themselves must drive the evolution of events within the simulation.168

Additionally, **while authenticity matters, it is worth noting that at some level the fact that the incident does not take place in a real-world setting can be a great advantage**. That is, the simulation creates an environment where students can make mistakes and learn from these mistakes – without what might otherwise be devastating consequences. It also allows instructors to develop multiple points of feedback to enrich student learning in a way that would be much more difficult to do in a regular practice setting.

NSL Sim 2.0 takes as its starting point the national security pedagogical goals discussed above. It works backwards to then engineer a classroom, cyber, and physical/simulation experience to delve into each of these areas. As a substantive matter, the course focuses on the constitutional, statutory, and regulatory authorities in national security law, placing particular focus on the interstices between black letter law and areas where the field is either unsettled or in flux.

A key aspect of the course design is that it retains both the doctrinal and experiential components of legal education. Divorcing simulations from the doctrinal environment risks falling short on the first and third national security pedagogical goals: (1) analytical skills and substantive knowledge, and (3) critical thought. A certain amount of both can be learned in the course of a simulation; however, the national security crisis environment is not well-suited to the more thoughtful and careful analytical discussion. What I am thus proposing is a course design in which doctrine is paired with the type of experiential learning more common in a clinical realm. The former precedes the latter, giving students the opportunity to develop depth and breadth prior to the exercise.

In order to capture problems related to adaptation and evolution, addressing goal [1(d)], the simulation itself takes place over a multi-day period. Because of the intensity involved in national security matters (and conflicting demands on student time), the model makes use of a multi-user virtual environment. The use of such technology is critical to creating more powerful, immersive simulations.169 It also allows for continual interaction between the players. Multi-user virtual environments have the further advantage of helping to transform the traditional teaching culture, predominantly concerned with manipulating textual and symbolic knowledge, into a culture where students learn and can then be assessed on the basis of their participation in changing practices.170 I thus worked with the Information Technology group at Georgetown Law to build the cyber portal used for NSL Sim 2.0.

The twin goals of adaptation and evolution require that students be given a significant amount of agency and responsibility for decisions taken in the course of the simulation. To further this aim, I constituted a Control Team, with six professors, four attorneys from practice, a media expert, six to eight former simulation students, and a number of technology experts. Four of the professors specialize in different areas of national security law and assume roles in the course of the exercise, with the aim of pushing students towards a deeper doctrinal understanding of shifting national security law authorities. One professor plays the role of President of the United States. The sixth professor focuses on questions of professional responsibility. The attorneys from practice help to build the simulation and then, along with all the professors, assume active roles during the simulation itself. Returning students assist in the execution of the play, further developing their understanding of national security law.

Throughout the simulation, the Control Team is constantly reacting to student choices. When unexpected decisions are made, professors may choose to pursue the evolution of the story to accomplish the pedagogical aims, or they may choose to cut off play in that area (there are various devices for doing so, such as denying requests, sending materials to labs to be analyzed, drawing the players back into the main storylines, and leaking information to the media).

A total immersion simulation involves a number of scenarios, as well as systemic noise, to give students experience in dealing with the second pedagogical goal: factual chaos and information overload. The driving aim here is to teach students how to manage information more effectively. Five to six storylines are thus developed, each with its own arc and evolution. To this are added multiple alterations of the situation, relating to background noise. Thus, unlike hypotheticals, doctrinal problems, single-experience exercises, or even Tabletop exercises, the goal is not to eliminate external conditions, but to embrace them as part of the challenge facing national security lawyers.

The simulation itself is problem-based, giving players agency in driving the evolution of the experience – thus addressing goal [2(c)]. This requires a realtime response from the professor(s) overseeing the simulation, pairing bounded storylines with flexibility to emphasize different areas of the law and the students’ practical skills. Indeed, each storyline is based on a problem facing the government, to which players must then respond, generating in turn a set of new issues that must be addressed.

The written and oral components of the simulation conform to the fourth pedagogical goal – the types of situations in which national security lawyers will find themselves. Particular emphasis is placed on nontraditional modes of communication, such as legal documents in advance of the crisis itself, meetings in the midst of breaking national security concerns, multiple informal interactions, media exchanges, telephone calls, Congressional testimony, and formal briefings to senior level officials in the course of the simulation as well as during the last class session. These oral components are paired with the preparation of formal legal instruments, such as applications to the Foreign Intelligence Surveillance Court, legal memos, applications for search warrants under Title III, and administrative subpoenas for NSLs. In addition, students are required to prepare a paper outlining their legal authorities prior to the simulation – and to deliver a 90 second oral briefing after the session.

To replicate the high-stakes political environment at issue in goals (1) and (5), students are divided into political and legal roles and assigned to different (and competing) institutions: the White House, DoD, DHS, HHS, DOJ, DOS, Congress, state offices, nongovernmental organizations, and the media. This requires students to acknowledge and work within the broader Washington context, even as they are cognizant of the policy implications of their decisions. They must get used to working with policymakers and to representing one of many different considerations that decisionmakers take into account in the national security domain.

Scenarios are selected with high consequence events in mind, to ensure that students recognize both the domestic and international dimensions of national security law. Further alterations to the simulation provide for the broader political context – for instance, whether it is an election year, which parties control different branches, and state and local issues in related but distinct areas. The media is given a particularly prominent role. One member of the Control Team runs an AP wire service, while two student players represent print and broadcast media, respectively. The Virtual News Network (“VNN”), which performs in the second capacity, runs continuously during the exercise, in the course of which players may at times be required to appear before the camera. This media component helps to emphasize the broader political context within which national security law is practiced.

Both anticipated and unanticipated decisions give rise to ethical questions and matters related to the fifth goal: professional responsibility. The way in which such issues arise stems from simulation design as well as spontaneous interjections from both the Control Team and the participants in the simulation itself. As aforementioned, professors on the Control Team, and practicing attorneys who have previously gone through a simulation, focus on raising decision points that encourage students to consider ethical and professional considerations. Throughout the simulation good judgment and leadership play a key role, determining the players’ effectiveness, with the exercise itself hitting the aim of the integration of the various pedagogical goals.

Finally, there are multiple layers of feedback that players receive prior to, during, and following the simulation to help them to gauge their effectiveness. The Socratic method in the course of doctrinal studies provides immediate assessment of the students’ grasp of the law. Written assignments focused on the contours of individual players’ authorities give professors an opportunity to assess students’ level of understanding prior to the simulation. And the simulation itself provides real-time feedback from both peers and professors. The Control Team provides data points for player reflection – for instance, the Control Team member playing President may make decisions based on player input, giving students an immediate impression of their level of persuasiveness, while another Control Team member may reject a FISC application as insufficient.

The simulation goes beyond this, however, focusing on teaching students how to develop (6) opportunities for learning in the future. Student meetings with mentors in the field, which take place before the simulation, allow students to work out the institutional and political relationships and the manner in which law operates in practice, even as they learn how to develop mentoring relationships. (Prior to these meetings we have a class discussion about mentoring, professionalism, and feedback). Students, assigned to simulation teams about one quarter of the way through the course, receive peer feedback in the lead-up to the simulation and during the exercise itself. Following the simulation the Control Team and observers provide comments. Judges, who are senior members of the bar in the field of national security law, observe player interactions and provide additional debriefing. The simulation, moreover, is recorded through both the cyber portal and through VNN, allowing students to go back to assess their performance. Individual meetings with the professors teaching the course similarly follow the event. Finally, students end the course with a paper reflecting on their performance and the issues that arose in the course of the simulation, develop frameworks for analyzing uncertainty, tension with colleagues, mistakes, and successes in the future.

B. Substantive Areas: Interstices and Threats

As a substantive matter, NSL Sim 2.0 is designed to take account of areas of the law central to national security. It focuses on specific authorities that may be brought to bear in the course of a crisis. The decision of which areas to explore is made well in advance of the course. It is particularly helpful here to think about national security authorities on a continuum, as a way to impress upon students that there are shifting standards depending upon the type of threat faced. One course, for instance, might center on the interstices between crime, drugs, terrorism and war. Another might address the intersection of pandemic disease and biological weapons. A third could examine cybercrime and cyberterrorism. **This is the most important determination, because the substance of the** doctrinal portion of the course and the **simulation follows from this decision**. For a course focused on the interstices between pandemic disease and biological weapons, for instance, preliminary inquiry would lay out which authorities apply, where the courts have weighed in on the question, and what matters are unsettled. Relevant areas might include public health law, biological weapons provisions, federal quarantine and isolation authorities, habeas corpus and due process, military enforcement and posse comitatus, eminent domain and appropriation of land/property, takings, contact tracing, thermal imaging and surveillance, electronic tagging, vaccination, and intelligence-gathering. The critical areas can then be divided according to the dominant constitutional authority, statutory authorities, regulations, key cases, general rules, and constitutional questions. **This**, then, **becomes a guide for the** doctrinal part of the **course, as well as the grounds on which the specific scenarios developed for the simulation** are based. The authorities, simultaneously, are included in an electronic resource library and embedded in the cyber portal (the Digital Archives) to act as a closed universe of the legal authorities needed by the students in the course of the simulation. Professional responsibility in the national security realm and the institutional relationships of those tasked with responding to biological weapons and pandemic disease also come within the doctrinal part of the course.

The simulation itself is based on five to six storylines reflecting the interstices between different areas of the law. The storylines are used to present a coherent, non-linear scenario that can adapt to student responses. Each scenario is mapped out in a three to seven page document, which is then checked with scientists, government officials, and area experts for consistency with how the scenario would likely unfold in real life.

For the biological weapons and pandemic disease emphasis, for example, one narrative might relate to the presentation of a patient suspected of carrying yersinia pestis at a hospital in the United States. The document would map out a daily progression of the disease consistent with epidemiological patterns and the central actors in the story: perhaps a U.S. citizen, potential connections to an international terrorist organization, intelligence on the individual’s actions overseas, etc. The scenario would be designed specifically to stress the intersection of public health and counterterrorism/biological weapons threats, and the associated (shifting) authorities, thus requiring the disease initially to look like an innocent presentation (for example, by someone who has traveled from overseas), but then for the storyline to move into the second realm (awareness that this was in fact a concerted attack). A second storyline might relate to a different disease outbreak in another part of the country, with the aim of introducing the Stafford Act/Insurrection Act line and raising federalism concerns. The role of the military here and Title 10/Title 32 questions would similarly arise – with the storyline designed to raise these questions. A third storyline might simply be well developed noise in the system: reports of suspicious activity potentially linked to radioactive material, with the actors linked to nuclear material. A fourth storyline would focus perhaps on container security concerns overseas, progressing through newspaper reports, about containers showing up in local police precincts. State politics would constitute the fifth storyline, raising question of the political pressures on the state officials in the exercise. Here, ethnic concerns, student issues, economic conditions, and community policing concerns might become the focus. The sixth storyline could be further noise in the system – loosely based on current events at the time. In addition to the storylines, a certain amount of noise is injected into the system through press releases, weather updates, private communications, and the like.

The five to six storylines, prepared by the Control Team in consultation with experts, become the basis for the preparation of scenario “injects:” i.e., newspaper articles, VNN broadcasts, reports from NGOs, private communications between officials, classified information, government leaks, etc., which, when put together, constitute a linear progression. These are all written and/or filmed prior to the exercise. The progression is then mapped in an hourly chart for the unfolding events over a multi-day period. All six scenarios are placed on the same chart, in six columns, giving the Control Team a birds-eye view of the progression.

C. How It Works

As for the nuts and bolts of the simulation itself, it traditionally begins outside of class, in the evening, on the grounds that national security crises often occur at inconvenient times and may well involve limited sleep and competing demands.171 Typically, a phone call from a Control Team member posing in a role integral to one of the main storylines, initiates play.

Students at this point have been assigned dedicated simulation email addresses and provided access to the cyber portal. The portal itself gives each team the opportunity to converse in a “classified” domain with other team members, as well as access to a public AP wire and broadcast channel, carrying the latest news and on which press releases or (for the media roles) news stories can be posted. The complete universe of legal authorities required for the simulation is located on the cyber portal in the Digital Archives, as are forms required for some of the legal instruments (saving students the time of developing these from scratch in the course of play). Additional “classified” material – both general and SCI – has been provided to the relevant student teams. The Control Team has access to the complete site.

For the next two (or three) days, outside of student initiatives (which, at their prompting, may include face-to-face meetings between the players), the entire simulation takes place through the cyber portal. The Control Team, immediately active, begins responding to player decisions as they become public (and occasionally, through monitoring the “classified” communications, before they are released). This time period provides a ramp-up to the third (or fourth) day of play, allowing for the adjustment of any substantive, student, or technology concerns, while setting the stage for the breaking crisis.

The third (or fourth) day of play takes place entirely at Georgetown Law. A special room is constructed for meetings between the President and principals, in the form of either the National Security Council or the Homeland Security Council, with breakout rooms assigned to each of the agencies involved in the NSC process. Congress is provided with its own physical space, in which meetings, committee hearings and legislative drafting can take place. State government officials are allotted their own area, separate from the federal domain, with the Media placed between the three major interests. The Control Team is sequestered in a different area, to which students are not admitted. At each of the major areas, the cyber portal is publicly displayed on large flat panel screens, allowing for the streaming of video updates from the media, AP wire injects, articles from the students assigned to represent leading newspapers, and press releases. Students use their own laptop computers for team decisions and communication.

As the storylines unfold, the Control Team takes on a variety of roles, such as that of the President, Vice President, President’s chief of staff, governor of a state, public health officials, and foreign dignitaries. Some of the roles are adopted on the fly, depending upon player responses and queries as the storylines progress. Judges, given full access to each player domain, determine how effectively the students accomplish the national security goals. The judges are themselves well-experienced in the practice of national security law, as well as in legal education. They thus can offer a unique perspective on the scenarios confronted by the students, the manner in which the simulation unfolded, and how the students performed in their various capacities.

At the end of the day, the exercise terminates and an immediate hotwash is held, in which players are first debriefed on what occurred during the simulation. Because of the players’ divergent experiences and the different roles assigned to them, the students at this point are often unaware of the complete picture. The judges and formal observers then offer reflections on the simulation and determine which teams performed most effectively.

Over the next few classes, more details about the simulation emerge, as students discuss it in more depth and consider limitations created by their knowledge or institutional position, questions that arose in regard to their grasp of the law, the types of decision-making processes that occurred, and the effectiveness of their – and other students’ – performances. Reflection papers, paired with oral briefings, focus on the substantive issues raised by the simulation and introduce the opportunity for students to reflect on how to create opportunities for learning in the future. The course then formally ends.172

Learning, however, continues beyond the temporal confines of the semester. Students who perform well and who would like to continue to participate in the simulations are invited back as members of the control team, giving them a chance to deepen their understanding of national security law. Following graduation, a few students who go in to the field are then invited to continue their affiliation as National Security Law fellows, becoming increasingly involved in the evolution of the exercise itself. This system of vertical integration helps to build a mentoring environment for the students while they are enrolled in law school and to create opportunities for learning and mentorship post-graduation. It helps to keep the exercise current and reflective of emerging national security concerns. And it builds a strong community of individuals with common interests.

CONCLUSION

The legal academy has, of late, been swept up in concern about the economic conditions that affect the placement of law school graduates. The image being conveyed, however, does not resonate in every legal field. It is particularly inapposite to the burgeoning opportunities presented to students in national security. That the conversation about legal education is taking place now should come as little surprise. Quite apart from economic concern is the traditional introspection that follows American military engagement. It makes sense: law overlaps substantially with political power, being at once both the expression of government authority and the effort to limit the same.

**The one-size fits all approach** currently **dominating the conversation in legal education, however, appears ill-suited to address the concerns raised** in the current conversation. **Instead of looking at law across the board, greater insight can be gleaned by looking at** the specific demands of the different fields themselves. This does not mean that the goals identified will be exclusive to, for instance, national security law, but it does suggest there will be greater nuance in the discussion of the adequacy of the current pedagogical approach.

With this approach in mind, I have here suggested six pedagogical goals for national security. For following graduation, students must be able to perform in each of the areas identified – (1) understanding the law as applied, (2) dealing with factual chaos and uncertainty, (3) obtaining critical distance, (4) developing nontraditional written and oral communication skills, (5) exhibiting leadership, integrity, and good judgment in a high-stakes, highly-charged environment, and (6) creating continued opportunities for self-learning. They also must learn how to integrate these different skills into one experience, to ensure that they will be most effective when they enter the field.

The problem with the current structures in legal education is that they fall short, in important ways, from helping students to meet these goals. Doctrinal courses may incorporate a range of experiential learning components, such as hypotheticals, doctrinal problems, single exercises, extended or continuing exercises, and tabletop exercises. These are important classroom devices. The amount of time required for each varies, as does the object of the exercise itself. But where they fall short is in providing a more holistic approach to national security law which will allow for the maximum conveyance of required skills. Total immersion **simulations**, which have not yet been addressed in the secondary literature for civilian education in national security law, may **provide an important way forward**. Such **simulations** also **cure shortcomings in other areas of experiential education**, such as clinics and moot court.

It is in an effort to address these concerns that I developed **the simulation model** above. NSL Sim 2.0 certainly is not the only solution, but it **does provide a** starting point for moving forward. The approach draws on the strengths of doctrinal courses and embeds a total immersion simulation within a course. **It makes use of technology and physical space to engage students in a multi-day exercise, in which** they are given agency and responsibility for their decision making, resulting in a steep learning curve. While further adaptation of this model is undoubtedly necessary, it suggests one potential direction for the years to come.

6) Method focus undermines scholarly action

**Jackson 11**, associate professor of IR – School of International Service @ American University, ‘11 (Patrick Thadeus, The Conduct of Inquiry in International Relations, p. 57-59)

Perhaps the greatest irony of this instrumental, decontextualized importation of “falsification” and its critics into IR is the way that an entire line of thought that privileged disconfirmation and refutation—no matter how complicated that disconfirmation and refutation was in practice—has been transformed into a license to **worry endlessly about foundational assumptions.** At the very beginning of the effort to bring terms such as “paradigm” to bear on the study of politics, Albert O. **Hirschman** (1970b, 338) **noted this very danger**, suggesting that without “a little more ‘reverence for life’ and a little less straightjacketing of the future,” the **focus on** producing internally **consistent** packages of **assumptions instead of** actually examining **complex empirical situations would result in scholarly paralysis.** Here as elsewhere, Hirschman appears to have been quite prescient, inasmuch as the major effect of paradigm and research programme language in IR seems to have been a series of debates and discussions about whether the fundamentals of a given school of thought were sufficiently “scientific” in their construction. Thus **we have debates about how to evaluate scientific progress**, and attempts to propose one or another set of research design principles **as uniquely scientific**, and inventive, “reconstructions” of IR schools, such as Patrick James’ “elaborated structural realism,” supposedly for the purpose of placing them on a **firmer scientific footing** by making sure that they have all of the required elements of a basically Lakatosian19 model of science (James 2002, 67, 98–103).

The bet with all of this scholarly activity seems to be that if we can just get the fundamentals right, then scientific progress will inevitably ensue . . . even though this is the precise opposite of what Popper and Kuhn and Lakatos argued! In fact, all of this obsessive interest in foundations and starting-points is, in form if not in content, a lot closer to logical positivism than it is to the concerns of the falsificationist philosophers, despite the prominence of language about “hypothesis testing” and the concern to formulate testable hypotheses among IR scholars engaged in these endeavors. That, above all, is why I have labeled this methodology of scholarship neopositivist. While it takes much of its self justification as a science from criticisms of logical positivism, in overall sensibility it still operates in a visibly positivist way, attempting to construct knowledge from the ground up by getting its foundations in logical order before concentrating on how claims encounter the world in terms of their theoretical implications. This is by no means to say that neopositivism is not interested in hypothesis testing; on the contrary, neopositivists are extremely concerned with testing hypotheses, but **only after the fundamentals have been** soundly **established.** Certainty, not conjectural provisionality, seems to be the goal—a goal that, ironically, Popper and Kuhn and Lakatos would all reject.

Humanity is valuable

**Bookchin**, philosophy – Institute for Social Ecology, **‘95**

(Murray, http://lamiae.meccahosting.com/~a0004f7f/StudiesInAnti-Capitalism/Documents\_TWO\_files/SocialAnarchismOrLifestyleAnarchism.pdf)

What is of crucial importance is that the regression to primitivism among lifestyle anarchists denies the most salient attributes of humanity as a species and the potentially emancipatory aspects of Euro-American civilization. Humans are vastly different from other animals in that they do more than merely adapt to the world around them; they innovate and create a new world, not only to discover their own powers as human beings but to make the world around them more suitable for their own development, both as individuals and as a species. Warped as this capacity is by the present irrational society, the ability to change the world is a natural endowment, the product of human biological evolution -- not simply a product of technology, rationality, and civilization. That people who call themselves anarchists should advance a primitivism that verges on the animalistic, with its barely concealed message of adaptiveness and passivity, sullies centuries of revolutionary thought, ideals, and practice, indeed defames the memorable efforts of humanity to free itself from parochialism, mysticism, and superstition and change the world.

And, strategic anthropomorphism – all creatures identify with similar beings – it’s inevitable, but we can make decisions for the benefit of other beings

Werner **Scholtz 5**, Associate Professor in Law – North-West University, “animal culling: a sustainable approach or anthropocentric atrocity?: issues of biodiversity and custodial sovereignty”, MqJICEL (2005) Vol 2

The CBD recognizes that the value of the biosphere is integrated with the importance of conservation of the biosphere for human survival. Loss of biodiversity in nature may impact on man just as the actions of man impact on nature.49 The anthropocentric approach evoked responses from various scholars who have advocated that nature itself should be awarded subjective rights.5 In a previous publication the author introduced the so-called ‘qualitative approach’ in order to escape the dichotomy of subject (man) and object (nature). A holistic approach is needed whereby the two opposites are united in a single organism. Instead of arguing for or against an anthropocentric approach, one must favour and promote ‘quality’ of the organism as the goal which needs to be achieved.51 According to this viewpoint it is impossible to escape anthropocentrism. **Anthropocentrism is inevitable** even in the instance where human beings confer rights on natural objects. It is futile to engage in an approach which does not pay heed to this reality. The focus on quality reconciles the interests of both man and nature. Quality encompasses quality of life for man which requires quality of, for instance, the ecosystem of which humans are a part. The focus on quality provides one with a certain conceptual understanding of the relationship between man and the environment. The question which arises is whether the qualitative approach really addresses the criticism that sustainable development is anthropocentric and that the interests of nature may accordingly be disregarded in favour of human needs? The acknowledgement that one should focus on quality already manifests in the concept of diluted anthropocentrism. This diluted form of anthropocentrism may also be relevant for the notion of sustainable development. To illustrate this point one may refer to the precautionary approach which is one of the well-known principles of sustainable development. This approach requires that despite absence of scientific evidence that actions may harm the environment, protective and/or prohibitory measures must be taken. The broad scope of this approach implies that various factors must be taken into account. These may extend beyond human interests to include the interests of nature.52 This important principle or approach is indicative of the diluted anthropocentrism inherent in the ideal of sustainable development. If one also takes notice of intergenerational equity in addition to the precautionary approach sustainable development, then the line of reasoning is further strengthened as actions detrimental to nature may have negative effects on future generations. The quality of life of future generations may be diminished by a decrease in biodiversity through the actions of the present generation. The recognition of the qualitative approach may be of importance in decisionmaking in issues of sustainable development. Where a decision-maker needs to balance the three elements of sustainable development; namely ecological, developmental and societal needs; the qualitative approach implies that one does not change the values which need to be balanced. Rather, it is a case where the perceptions of the adjudicator are altered to accord with reality. This resulting decision would reflect the reality which does not support the ‘fiction’ that the human component can be disregarded as the ecocentric approach propounds. One of the presumptions on which the qualitative theory is built is that conservation and use can only be achieved from a homocentric approach and further, that alternative theories establish a fiction whereby the human adjudicator is disregarded by way of elimination. This does not reflect reality. For some commentators this presumption is unconvincing. For example, Gillespie contends that: … non-anthropocentric theorists are not claiming that it is possible to know exactly what it is to be a non-human piece of Nature, but only that it is still possible to make certain broad assumptions about the general interests of living entities. Without this ability, a male could not be non-sexist, or a Caucasian, non-racist.53 Gillespie’s viewpoint is not without merit, but does this mean that the qualitative approach is incorrect? That the human component in relation to environmental protection cannot be disregarded does not imply that humans cannot make decisions which are in the broad interests of biodiversity. By way of analogy, it would of course be absurd to state that a caucasian is incapable of being non-racist. These examples do not, however, suffice to explain the complex homocentric relationship between man and the environment. Caucasians may be non-racist, but in a society in which they dominate it is most probable that they may pursue their self-interest as a group in certain circumstances.54 This does not mean that the dominant group is unaware of the general interests of others, but rather pertains to the adjudication of interests. As such it is not a question of knowledge regarding the interest of other entities, but the issue pertains to the adjudication of interests. The examples provided by Gillespie furthermore differ from the situation between humans and nature. Objects of nature are incapable of voicing their concerns in the same way as humans. It is accordingly true that man may make certain assumptions regarding nature’s interests, but man will evaluate these interests from an anthropocentric perspective. The qualitative theory therefore attempts to ameliorate man’s selfinterest to accord with a more holistic approach in which the interests of man are more in line with the requirements of biodiversity, for instance.55 According to the qualitative approach, biodiversity needs to be conserved and used in a sustainable fashion because of its instrumental value. Biodiversity has a qualitative instrumental value which far exceeds the total of man’s self-interest. Self-interest, in this instance, presupposes a certain interest in non-human elements because of the linkage between man and environment.

Solves their thought experiment

Tarik **Kochi &** Noam **Ordan 8**, Queen’s University & Bar Ilan University, An Argument for the Global Suicide of Humanity, Borderlands VOLUME 7 NUMBER 3

While we are not interested in the discussion of the ‘method’ of the global suicide of humanity per se, one method that would be the least violent is that of humans choosing to no longer reproduce. [10] The case at point here is that the global suicide of humanity would be a moral act; it would take humanity out of the equation of life on this earth and remake the calculation for the benefit of everything nonhuman. While suicide in certain forms of religious thinking is normally condemned as something which is selfish and inflicts harm upon loved ones, the global suicide of humanity would be the highest act of altruism. That is, global suicide would involve the taking of responsibility for the destructive actions of the human species. By eradicating ourselves we end the long process of inflicting harm upon other species and offer a human-free world. If there is a form of divine intelligence then surely the human act of global suicide will be seen for what it is: a profound moral gesture aimed at redeeming humanity. Such an act is an offer of sacrifice to pay for past wrongs that would usher in a new future. Through the death of our species we will give the gift of life to others. It should be noted nonetheless that our proposal for the global suicide of humanity is based upon the notion that such a radical action needs to be voluntary and not forced. In this sense, and given the likelihood of such an action not being agreed upon, it operates as a thought experiment which may help humans to radically rethink what it means to participate in modern, moral life within the natural world. In other words, whether or not the act of global suicide takes place might well be irrelevant. What is more important is the form of critical reflection that an individual needs to go through before coming to the conclusion that the global suicide of humanity is an action that would be worthwhile. The point then of a thought experiment that considers the argument for the global suicide of humanity is the attempt to outline an anti-humanist, or non-human-centric ethics. Such an ethics attempts to take into account both sides of the human heritage: the capacity to carry out violence and inflict harm and the capacity to use moral reflection and creative social organisation to minimise violence and harm. Through the idea of global suicide such an ethics reintroduces a central question to the heart of moral reflection: To what extent is the value of the continuation of human life worth the total harm inflicted upon the life of all others? Regardless of whether an individual finds the idea of global suicide abhorrent or ridiculous, this question remains valid and relevant and will not go away, no matter how hard we try to forget, suppress or repress it.

The permutation’s weak anthropocentrism solves the K—their absolutism is internally contradictory.

Lee ‘8

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(Wendy Lynne, “Environmental Pragmatism Revisited: Human-Centeredness, Language, and the Future of Aesthetic Experience,” Environmental Philosophy 5:1)

In 1984 pragmatist Bryan Norton published a landmark essay in environmental theory entitled "Environmental Ethics and Weak Anthropocentrism." In it he argues that the long-standing debate between anthropocentrists (those for whom all assignments of value accrue to human-centered instrumental interests) and nonanthropocentrists (those for whom nonhuman animals and ecosystems have a value intrinsic to and independent of human use, including some of Kirkman's speculative environmentalists) "is far less important than is usually assumed" (Norton 2003, 163). Norton argues that the debate itself is mired in confusion over the concept "anthropocentrism," and that clarifying its meaning will show, first, that nonanthropocentrism is at least implausible if not incoherent**,** and second, that anthropocentrism properly understood need not yield the human chauvinism attributed to it. For the nonanthropocentrist there are at least some living (and possibly nonliving) things whose value inheres in them in such fashion that we must regard this value (and hence the entity) as independent of any use we might otherwise make of them. It is, then, immoral to treat merely instrumental^ anything that can be shown to have such a value. However morally attractive a notion, **intrinsic value's conceptual difficulties are many**, not the least of which, as Norton suggests, is whether it can be shown that there exists any such entity or quality in the universe (Norton 2003, 164-5). As anthropocentrists are quick to point out, the concept of intrinsic value is inherently vague: To what does it apply? Only individuals? Species? Ecosystems? According to what criteria? How do we know? It is hard to imagine satisfactory answersto these questions, especially since **we may be likely to apply the concept to Giant Pandas but deny it to the Avian Bird Flu.** What counts, moreover, as an individual, a species, or an ecosystem is itself less a truth about nature than an artifact of human-made nomenclature. Lastly, even if we could determine a method for recognizing intrinsic value, it is not clear it matters much. After all, the power to enslave and exploit is still on our side. Tuming then to anthropocentrism, what a proper understanding of the concept requires, argues Norton, is a distinction between what he calls "felt preferences," namely, "any desire or need of a human individual that can at least temporarily be sated by some specifiable experience of that individual," and "considered preferences," that is, "any desire or need that a human individual would express after careful deliberation, including judgment that the desire or need is consistent with a rationally adopted world view" (Norton 2003, 164). A felt preference, then, might be to satiate thirst, while a considered preference might direct itself to a particular lager or porter. That is, **felt preferences are** represented by **survival interests** and basic desires while considered preferences are constructed from these interests and informed by tbe contexts within which they are satisfied. Given this distinction, Norton goes on to identify two forms of anthropocentrism: A value theory is strongly anthropocentric if all value countenanced by it is explained by reference to satisfaction of felt preferences of human individuals. A value theory is weakly anthropocentric if all value countenanced by it is explained by reference to satisfaction of some felt preference of a human individual or by reference to its bearing upon the ideals which exist as elements in a world view essential to determinations of considered preferences. (Norton 2003, 165) It is important to note that while strong anthropocentrism differs a good deal fi'om weak with respect to the role played by felt preferences in detenTiining and justifying human action, it does share in common with the nonanthropocentrist a concept of human-centeredness defined in terms of human entitlement. What the strong anthropocentrist endorses, the nonanthropocentrist excoriates. If, for example, "humans have a strongly consumptive human value system, then their 'interests,'" notes Norton, "dictate that nature will be used in an exploitive manner" (Norton 2003, 165). Strong anthropocentrists endorse this view, arguing that environmental conservation need take into account only those species and systems whose usefulness to human welfare, present or future, can be calculated in terms of costs and benefits to human beings. Nonanthropocentrists insist, however, that it is precisely this fundamentally chauvinistic aftitude that is producing the environmental crises we now face. The nonanthropocentrist is right to claim that environmental deterioration owes a good deal to unrestrained human excess; few deny the connection between global warming and the production of greenhouse gases, or the link between the loss of habitat and the escalation of species extinction. Nonetheless, deterioration need not follow from human-centeredness**,** argues the strong anthropocentrist, since preserving resources also falls within the ambit of human interest. Weak anthropocentrism aims to carve a middle routebetween strong anthropocentrism's potential for excess and nonanthropocentrism's conceptual inchoateness insofar as it recognizes (1) that not all felt preferences are necessarily rational or consonant with a rational world view; (2) that considered preferences are not always consistent with felt preferences; and, lastly, (3) that the sense that something has value does not necessarily imply that such value is unassigned. If I, for example, have a felt preference for having nonhuman animals available to my affection that 1 think can only be fulfilled by going to the zoo every day, but also a considered preference that going to the zoo everyday will likely thwart my pursuit of other worthy goals, then I am faced with a conflict between a less than wholly rational felt preference and a rationally considered one. Moreover, although I may believe that my going every day is justified as a response to each animal's intrinsic value, my feeling that the zoo animals have such a value is not evidence that they do. Weak anthropocentrism, argues Norton, offers neither autonomie sanction to the excesses of the strong anthropocentrist nor concession to a notion of value that has no conceptual moorings. By distinguishing between felt and considered preferences, it invites us to reflect case by case upon whether our felt preferences ought always to be satisfied, or at least at the expense of other human and/or nonhuman beings. In classic Deweyan tradition, weak anthropocentrism seeks no ultimate truth about our responsibilities to the environment, but rather "provides a basis for criticism of value systems which are purely exploitative of nature" (Norton 2003, 165). The provision of such a basis, argues Norton, follows from the possibility of articulating a worldview—a coherent set of evolving, contextually sensitive, considered preferences—that recognizes the interdependence of human beings and nature, and thus **provides a foundation for** the **critique** of practices inconsonant with this worldview. The concept "interdependence" does not, however, necessarily imply any additional inferences such as the claim that the Earth itself is an organism that can be harmed. Instead, weak anthropocentrism invites us to consider whether our preferences are something we merely have or something over which we exercise some control. Moreover, it provides a basis, argues Norton, for the review of value formation itself in that, by distinguishing between felt and considered preferences, we can query whether what may appear to be a felt preference is actually a considered one whose duration or tradition makes it seem natural (2003, 165), but whose practice may no longer be justified. Perhaps most importantly, however, for a practicable environmental ethic, is the role played in Norton's argument by the deeply Deweyan concept of experience: Because weak anthropocentrism places value not only on felt preferences, but also on the process of value formation embodied in the criticism and replacement of felt preferences with more rational ones, it makes possible appeals to the value of experience of natural objects and undisturbed places in human value fonnation. To the extent that environmentalists can show that values are formed and infomied by contact with nature, nature takes on value as a teacher of human values. Nature need no longer be seen as a satisfier of fixed and often consumptive values—it also becomes an important source of inspiration in value formation. (2003, 165) The experience of nature can**, on Norton's view,** encourage **deeper** self-reflection about whether the satisfaction of particular felt preferences is rational given a world view composed of felt and considered preferences within which the environment is accorded value.

**Extinction isn’t inevitable --**

A. Human adaptation solves, specifically democracy

**Peiser** 200**7** social anthropologist at Liverpool John Moores University, UK [Benny, “Existential risk and democratic peace,” Nov 15 http://news.bbc.co.uk/2/hi/science/nature/7081804.stm]

Nevertheless, there are many good and compelling reasons why human extinction is **not** predetermined or **unavoidable**. According to a more optimistic view of the future, all existential risks can be tackled, eliminated or significantly reduced through the application of human **ingenuity**, hyper-**technologies** and global **democratisation**. From this confident perspective of emergent risk reduction, the resilience of civilisation is no longer restricted by the constraints of human biology. Instead, it is progressively shielded against natural and man-made disasters by hyper-complex devices and information-crunching technologies that potentially comprise boundless technological solutions to existential risks. Current advances in developing an effective planetary defence system, for example, will eventually lead to a protective shield that can safeguard life on the Earth from disastrous NEO impacts.

## 2AC

The push is over. Only negotiation collapse would revive sanctions.

Mark Landler, NYTimes, 2/5/14, Iran is rare setback for Israel lobby; Failure to win sanctions calls dominant position of Aipac into question, Lexis

The last time the nation’s most potent pro-Israel lobbying group lost a major showdown with the White House was when President Ronald Reagan agreed to sell Awacs surveillance planes to Saudi Arabia over the group’s bitter objections.

Since then, the group, the American Israel Public Affairs Committee, has run up an impressive record of legislative victories in its quest to rally American support for Israel, using a robust network of grass-roots supporters and a rich donor base to push a raft of bills through Congress. Typically, they pass by unanimous votes.

But now Aipac, as the group is known, once again finds itself in a very public standoff with the White House. Its top priority, a Senate bill to impose new sanctions on Iran, has **stalled after stiff resistance from** President **Obama**, **and in** what amounts to **a tacit retreat, Aipac has** stopped pressuring Senate Democrats to vote for the bill.

Officials at the group insist it never called for an immediate vote and say the legislation may yet pass if Mr. Obama’s effort to negotiate a nuclear agreement with Iran fails or if Iran reneges on its interim deal with the West. But for the moment, Mr. Obama has successfully made the case that passing new sanctions against Tehran now could scuttle the nuclear talks and put America on the road to another war.

In doing so, the president has raised questions about the effectiveness of Aipac’s tactics and even its role as the unchallenged voice of the pro-Israel lobby in Washington. Jewish leaders say that pro-Israel groups disagreed on how aggressively to push the legislation, even if all the groups favor additional sanctions.

“Some of us see the object as being to target Iran,” said Abraham H. Foxman, the national director of the Anti-Defamation League. “We’re not out there to target the president; we’re out there to target Iran.”

With neither side spoiling for a fight or ready to back down, Mr. Foxman said, the sanctions campaign is stalled. Lawmakers confirm that the political climate on Capitol Hill has changed since the bill’s sponsors and Aipac made their push in December.

Senator Richard Blumenthal of Connecticut, a staunch supporter of Israel, is one of 16 Democrats who signed on to the bill, along with 43 of the Senate’s 45 Republicans, bringing it to within a few votes of a veto-proof majority. Now Mr. Blumenthal says the Senate should hold off on a vote to give Mr. Obama breathing room for diplomacy.

“There’s been an unquestionable, undeniable shift in the perception of national security,” Mr. Blumenthal said. “I’m sensitive to the feelings, the resistance, the aversion of the general public to any kind of American military engagement.”

On Monday, 70 House Democrats sent Mr. Obama a letter backing his diplomatic efforts and opposing new sanctions. Former Secretary of State Hillary Rodham Clinton added her voice to those urging no legislation.

NSA thumps the disad or disproves the logic of the link.

Feaver 1/17/14

Peter, Foreign Policy, “Obama Finally Joins the Debate He Called For,” http://shadow.foreignpolicy.com/posts/2014/01/17/obama\_finally\_joins\_the\_debate\_he\_called\_for

Today President Barack Obama finally **joins the national debate he called for** a long time ago but then abandoned: the debate about how best to balance national security and civil liberty. As I outlined in NPR's scene-setter this morning, this debate is a **tricky** one for a president who wants to lead from behind. The public's view shifts markedly in response to perceptions of the threat, so a political leader who is only following the public mood will **crisscross himself repeatedly**. Changing one's mind and shifting the policy is not inherently a bad thing to do. There is no absolute and timeless right answer, because this is about trading off different risks. The risk profile itself shifts in response to our actions. When security is improving and the terrorist threat is receding, one set of trade-offs is appropriate. When security is worsening and the terrorist threat is worsening, another might be. It is likely, however, that the optimal answer is not the one advocated by the most fringe position. A National Security Agency (NSA) hobbled to the point that some on the far left (and, it must be conceded, the libertarian right) are demanding would be a mistake that the country would regret every bit as much as we would regret an NSA without any checks or balances or constraints. Getting this right will require **inspired and active political leadership.** **To date**, Obama has preferred to stay far removed from the debate swirling around the Snowden leaks. This president relishes opportunities to spend **political capital** on behalf of policies that disturb Republicans, but, as former Defense Secretary Robert Gates's memoir details, Obama **has** been very reluctant to expend **political capital** on behalf of national security policies that disturb his base. Today Obama is finally engaging. It will be interesting to see how he threads the political needle and, just as importantly, how much political capital he is willing to spend in the months ahead to defend his policies.

Plan doesn’t cost capital

Douglas Kriner, Assistant Profess of Political Science at Boston University, 2010, After the Rubicon: Congress, Presidents, and the Politics of Waging War, p. 59-60

Presidents and politicos alike have long recognized Congress's ability to reduce the political costs that the White House risks incurring by pursuing a major military initiative. While declarations of war are all but extinct in the contemporary period, Congress has repeatedly moved to authorize presidential military deployments and consequently to tie its own institutional prestige to the conduct and ultimate success of a military campaign. Such authorizing legislation, even if it fails to pass both chambers, creates a sense of shared legislative-executive responsibility for a military action's success and provides the president with considerable political support for his chosen policy course.34 Indeed, the desire for this political cover—and not for the constitutional sanction a congressional authorization affords—has historically motivated presidents to seek Congress's blessing for military endeavors. For example, both the elder and younger Bush requested legislative approval for their wars against Iraq, while assiduously maintaining that they possessed sufficient independent authority as commander in chief to order the invasions unilaterally.35 This fundamental tension is readily apparent in the elder Bush's signing statement to HJ Res 77, which authorized military action against Saddam Hussein in January of 1991. While the president expressed his gratitude for the statement of congressional support, he insisted that the resolution was not needed to authorize military action in Iraq. "As I made clear to congressional leaders at the outset, my request for congressional support did not, and my signing this resolution does not, constitute any change in the long-standing positions of the executive branch on either the President's constitutional authority to use the Armed Forces to defend vital U.S. interests or the constitutionality of the War Powers Resolution."36

If Obama is focusing capital on \_\_\_­­­­\_\_\_\_\_\_\_, it disproves Obama would initiate a fight over the plan

Obama is irrelevant—interim agreement success stopped sanction supporters

Patricia Zengerle, 1/13/14, Iran deal progress dampens push for new U.S. sanctions bill, www.reuters.com/article/2014/01/14/us-iran-nuclear-congress-idUSBREA0D02T20140114?feedType=RSS&feedName=topNews&utm\_source=dlvr.it&utm\_medium=twitter&dlvrit=992637

President Barack Obama is more likely to win his battle with the U.S. Congress to keep new sanctions on Iran at bay now that world powers and Tehran have made a new advance in talks to curb the Islamic Republic's nuclear program. Despite strong support for a bill in the Senate to slap new sanctions on the Islamic Republic, analysts, lawmakers and congressional aides said on Monday that **the agreement to begin implementing a nuclear deal on January 20 makes it harder** **for sanctions supporters to attract more backers.** Senator Richard Blumenthal, a Connecticut Democrat, was one of several of the 59 co-sponsors who said there is no clamor for a vote any time soon. "I want to talk to some of my colleagues. I'm encouraged and heartened by the apparent progress and certainly the last thing I want to do is impede that progress. But at the same time, sanctions are what has brought the Iranians to the table," he told reporters. Sixteen of Obama's fellow Democrats are among the co-sponsors of the measure requiring further cuts in Iran's oil exports if Tehran backs away from the interim agreement, despite Iran warning that it would back away from the negotiating table if any new sanctions measure passed. The current list of supporters is close to the 60 needed to pass most legislation in the 100-member Senate. But 67 votes would be required to overcome a veto, which Obama has threatened as he tries to reach a wider agreement with Iran to prevent it from developing an atomic bomb. "The prospects for a diplomatic solution could implode if Iran leaves the table or if Iran responds with their own provocative actions," said Colin Kahl, who served as a Middle East expert at the Pentagon until 2011 and now teaches security studies at Georgetown University. "Even if neither happens, Iran's moderate negotiators would likely harden their negotiating positions in the next phase to guard their right flank at home against inevitable charges of American 'bad faith,' making a final compromise harder to achieve," he said. The bill in the Senate would cut Iran's oil exports to almost zero two years after enactment, place penalties on other industries and reduce Obama's power to issue a waiver on Iran sanctions, if Iran were to break the interim deal. Supporters say it is necessary to pass a bill now rather than wait to see if Iran complies with the agreement in order to pressure Tehran to negotiate in good faith and not to keep developing nuclear weapons while talks continue. "If the Iranians have their way, they'll drag it out forever," Arizona Senator John McCain, a Republican co-sponsor of the measure, told reporters. Iranian officials say their nuclear program is peaceful. Democratic Senator Robert Menendez of New Jersey and Republican Mark Kirk of Illinois, the measure's lead sponsors, are trying to attract more supporters, hoping to pressure Senate Majority Leader Harry Reid to allow a vote on the legislation. Pro-Israel lobbying groups, convinced that Iran cannot be trusted, are also pushing lawmakers to sign on in the hope of increasing the pressure on Reid, a Nevada Democrat, to let the bill move ahead. But there is no guarantee that all the senators who co-sponsored the sanctions move would actually vote for any final bill, and even less that Democrats would override a veto by a president from their own party. Backers of the sanctions bill said they could force Reid's hand by putting a hold on nominations by the administration - such as dozens pending for State Department positions. But Senate leadership aides - including Republicans - acknowledge that the chamber's rules give Reid enough leeway to block any action. DEMOCRATS IN LINE Stopping - or delaying - new sanctions is also made easier because there is a strong core of lawmakers - including senior Democrats - who strongly oppose them. Ten powerful committee chairs signed a letter in December opposing the new sanctions, and none of those 10 has changed position. An aide to Menendez, who is chairman of the Senate Foreign Relations Committee, said there had been no indication by Monday on when the sanctions bill might come to the floor. Analysts said there had been real concern about a delay in implementing the interim agreement reached in Geneva between Iran and the so-called P5+1 powers in November. But **Sunday's announcement of the start date eases** those **fears**. "It shows that they are moving ahead, and what that means is that Iran's not delaying, which was a fear," said Michael Adler, an expert on Iran at the Wilson Center think tank in Washington.

Negotiations fail – hardliners block even without sanctions

Hibbs, senior associate in the Carnegie Endowment nuclear policy program, 12/30/2013 (Mark, http://carnegieendowment.org/2013/12/30/year-of-too-great-expectations-for-iran/gxbv)

If all goes according to plan, sometime during 2014 Iran will sign a comprehensive final agreement to end a nuclear crisis that, over the course of a decade, has threatened to escalate into a war in the Middle East. But in light of the unresolved issues that must be addressed, it would be unwise to bet that events will unfold as planned. Unrealistic expectations about the Iran deal need to be revised downward.

In Geneva on November 24, Iran and the five permanent members of the United Nations Security Council—China, France, Russia, the United Kingdom, and the United States—plus Germany agreed to a Joint Plan of Action. For good reason, the world welcomed this initial agreement because it squarely put Iran and the powers on a road to end the crisis through diplomacy.

The deal calls for Tehran and the powers to negotiate the “final step” of a two-stage agreement inside six months. In the best case, the two sides will with determination quickly negotiate that final step. Iran will demonstrate to the International Atomic Energy Agency (IAEA) that its nuclear program is wholly dedicated to peaceful uses and agree to verified limits on its sensitive nuclear activities for a considerable period of time. In exchange, sanctions against Iran will be lifted.

An effective final deal could emerge. But Iran and the West will continue to have major differences whether or not there is a final nuclear pact. Residual mutual suspicion is significant, and the United States and Iran have competing hardwired security commitments in the region. The United States will not pivot away from Israel and the Arab states in the Persian Gulf, and Iran will not abandon the Alawites in Syria and push Hezbollah to renounce force. The November deal will not lead to a transformation of the West’s relations with Iran, and the act of signing a deal will not mean Washington and Tehran have somehow overcome their multiple fundamental differences and become partners, as some observers either hope or fear.

THE CLOCK IS TICKING

U.S. Secretary of State John Kerry knew what he was talking about when he announced in Geneva that the initial step of the Iran nuclear deal had been agreed to and warned that “now the really hard part begins.” The Joint Plan of Action says that Iran and the powers “aim to conclude” the final agreement in “no more than one year.” But the issues that remain to be resolved and the amount of work that needs to be done could delay agreement on the final step for many months.

The main problem is not that Iran will refuse to implement what it agreed to in the initial deal. It will almost certainly stop producing and installing more uranium-enrichment centrifuges, limit that enrichment to no more than 5 percent U-235 (enriching to higher levels would bring Iran closer to weapons-grade material), and convert its enriched uranium gas inventory to less-threatening oxide. It is also likely to halt essential work on the Arak heavy-water reactor project, where Iran is developing the capability to produce plutonium, which can be used for making nuclear weapons.

Tehran has every incentive to comply with these measures. Were it to cheat, Iran’s adversaries, convinced that Iran cannot be trusted, would be vindicated and would gain leverage to add sanctions or use force. Iran knows this.

Instead, the potential showstoppers looming before the parties concern matters that the negotiation of the final step itself must resolve. Crucially, the Joint Plan of Action left open how Iran, the powers, and the IAEA would resolve two critical matters: unanswered questions about sensitive and potentially embarrassing past and possibly recent Iranian nuclear activities, and unfulfilled demands by the UN Security Council that Iran suspend its uranium-enrichment program. Since 2006, Tehran has refused to comply with the Security Council’s suspension orders, and since 2008, it has refused to address allegations leveled by the IAEA that point to nuclear weapons research and development by Iran.

The Joint Plan of Action is deliberately vague about how to handle these issues, not because Western diplomats were naive but in part because the powers intended the initial deal to build confidence. That means that groundbreaking and dealmaking were paramount, inviting bold statements, not nitty-gritty outlines. Also leading to this outcome is the fact that when the United States revved up the negotiation this fall in direct bilateral talks with Iran, what was originally a four-step road map became a two-step process featuring an initial step and a final step, with the fine print of steps two and three in the original scheme left to be worked out.

If the parties do not work out the two major challenges they face, the negotiation may fail. If differences result in a stalemate, Iran’s hardliners could gain the upper hand, continue pursuing unfettered nuclear development, and eventually terminate the initial accord. Alternatively, U.S. lawmakers could respond to a lack of progress by adding to Iran’s sanctions burden, which would likewise doom the negotiation. There is much at stake.

Sanctions don’t block a deal

Horing 1-21 [Shoula Romano Horing (Law Prof @ Baker U, author and columnist on Israeli foreign policy); “Obama's Surrender to Iran”; January 21, 2014; http://www.americanthinker.com/2014/01/obamas\_surrender\_to\_iran.html]

In lobbying against the legislation, the White House in recent days warned that any further sanctions would "anger" and "break-faith" with Iran, and blow up the talks and undermine the so called moderate Iranian leaders and lead us to war.

**But in reality the so called moderate Iranian leader whose victory** in the summer elections **was argued by the administration as a -sign that Iran was changing for the better, did not have a problem with "breaking faith" with the U.S. Two days after the final agreement was signed** President Hassan **Rouhani asked a crowd in Iran "Do you know what the Geneva Agreement means? It means the surrender of the big powers before the great Iranian nation." He further stated that "The Geneva Agreement means** the wall of sanctions has broken**."**

Moreover, Rouhani's foreign minister, Mohamad Javid Zarif, another supposed "moderate," who negotiated with Kerry in Geneva, laid a wreath last Monday, at the grave of the Hezbollah terrorist who planned the terrorist attack on the U.S. Marines barracks in Beirut in 1983 which killed 241 American troops.

For the last two months, between the initial November agreement and the second deal regarding its implementation, the Iranians have been very busy growing their nuclear program and getting it close to breakout capacity. It has reportedly introduced a new generation of centrifuges to its facilities in Natanz and Fordow, and is vigorously building its Arak heavy water facility. In addition, it has added 1000 pounds to its stockpile of uranium enriched to 5 percent and 66 pounds to its 20 percent stock, and the International Atomic Energy Agency inspectors were turned away when they tried to inspect a military base where the Iranians are suspected of experimenting with ways to weaponize their stockpile.

It seems the Iranians do not fear Obama. Recent Iranian actions and words underscore Iran's confidence that no matter what they will do and say **Obama will not confront them** militarily **and will work hard to protect them against additional sanctions** . **They believe that the Geneva Agreement ended their economic isolation and that the process is irreversible**. It was reported that Russia and Turkey are in the process of signing deals, worth billions, with Iran selling its oil for goods.

The only way now to pressure Iran, the regional bully, **to agree in the upcoming final negotiations to dismantle their nuclear program is if the Iranians fear that the** Congress is determined to override Obama's veto **and shut down their economy again with much worse crippling sanctions. The only chance for a diplomatic solution to the Iranian nuclear threat is to** support and pass the Menendez-Kirk sanctions bill.

The current deal causes nuclear war, the Mendez-Kirk sanctions bill resolves that

Doran 1-15 [MICHAEL DORAN and MAX BOOT (Michael Doran is a senior fellow at the Saban Center for Middle East Policy at the Brookings Institution. Max Boot is a senior fellow at the Council on Foreign Relations); “Obama’s Losing Bet on Iran”; JAN. 15, 2014; http://www.nytimes.com/2014/01/16/opinion/obamas-losing-bet-on-iran.html]

WASHINGTON — A great deal of diplomatic attention over the next few months will be focused on whether the temporary nuclear deal with Iran can be transformed into a full-blown accord. President Obama has staked the success of his foreign policy on this bold gamble. But discussion about the nuclear deal has diverted attention from an even riskier bet that Obama has placed: **the idea that Iran can become a cooperative partner in regional security.**

Although they won’t say so publicly, Mr. Obama and Secretary of State John Kerry surely dream of a “Nixon to China” masterstroke. They are quietly pursuing a strategic realignment that, they believe, will end decades of semi-open warfare between Iran and the United States and their respective allies. In our view, the Obama administration wants to see in its place a “concert” of great powers — Russia, America, the European nations and Iran — working together to stabilize the Middle East as in the 19th century, when the “Concert of Europe” worked together to stabilize that Continent.

As a first step, Mr. Kerry has made no secret of his desire to involve Iran in Syrian peace talks, scheduled to convene next week in Geneva. And much more than previous administrations, this one has refrained from countering Iranian machinations in Iraq, Syria and Lebanon.

There are two main reasons for this attempted shift. One is simply t**he desire of the president to extricate the United States from the Middle Eas**t. The other reason, arguably more important, is **fear of Al Qaeda:** The White House undoubtedly sees Iran and its Shiite allies as potential partners in the fight against Sunni jihadism.

The Obama strategy is **breathtakingly ambitious. It is also** destined to fail.

First, it ignores the obvious fact that, unlike China at the time of President Richard M. Nixon’s diplomacy in the 1970s, **Iran does not share a common enemy that would force it to unite with America**. Though Iran’s proxies are fighting Sunni extremists in a number of theaters, Iran itself has cooperated with Al Qaeda and other Sunni extremists, such as Hamas and the Taliban, when it has served its interests to do so. **Iran’s rulers simply do not regard Al Qaeda as an existential threat on a par with the “Great Satan” (as they see the United States**). By contrast, Mao did see the Soviet Union as a sufficient threat to justify an alliance with the “capitalist imperialists” in Washington.

The second major problem is that **Iran has always harbored dreams of** regional hegemony. There is no sign that the election of the “moderate” cleric Hassan Rouhani as president has changed anything.

On the contrary, **Iran is stepping up its support for militants in the region.** There have been reports recently that **Iran is smuggling sophisticated long-range missiles to Hezbollah** via Syria **and** that it sent a ship, intercepted by the Bahraini authorities, loaded with armaments intended for Shiite opponents of the Sunni government in **Bahrain**.

**Iran** under President Rouhani **has done nothing to lessen its support for** the regime of Bashar al-**Assad** in Syria either. **It has, in fact, gone “all in,” sending large numbers of its own operatives and its Hezbollah allies, along with copious munitions, to help the regime stay in power**.

**Iran’s power play is engendering** a violent pushback **from Sunnis increasingly radicalized in the process.** This is the third and final problem that will doom Obama’s outreach to Tehran.

In Iraq, the Shiite prime minister, Nuri Kamal al-Maliki, who is surrounded by aides with ties to the Iranians, has been arresting prominent Sunnis in Anbar Province, thereby driving many of the tribal fighters who once fought Al Qaeda in Iraq back into an alliance with the terrorist group. Al Qaeda-linked fighters have now taken control of Falluja, a town that American forces secured in 2004 after a costly campaign.

**Jihadist influence now extends from western Iraq into neighboring Syria, where Sunnis are reacting just as violently to the Iranian-orchestrated offensive** to keep Assad’s Alawite regime in power. With the United States providing little or no support to moderate opposition elements, extremist groups such as the Nusra Front and the Islamic State of Iraq and Syria (an offshoot of **Al Qaeda in Iraq) are** increasingly prominent **among the rebel forces.**

**The spillover from Syria is also affecting Lebanon,** where Hezbollah has long been the dominant force. But now Hezbollah’s ruthlessness has been matched by Sunni terrorists who, on Nov. 19, bombed the Iranian Embassy in Beirut. Hezbollah is presumed to have retaliated when Mohamad B. Chatah, a leading opponent of Syrian and Iranian interference in Lebanon, was killed by a car bomb on Dec. 27 close to the spot where a former Lebanese prime minister, Rafik Hariri, was also killed by a car bomb in 2005.

**This shows what happens when the United States stands aloof and refuses to do more to counter Iranian power: America’s allies in the region take matters into their own hands. The result is the polarization of the entire region into pro- and anti-Iran blocs that feed a** mushrooming cross-border civil war.

**The situation will only get worse if Iran is allowed to maintain its nuclear program with international blessing. Saudi Arabia has made clear that it is prepared to** build its own bomb**, while Israel has threatened to** launch a unilateral strike **on Iranian nuclear facilities.**

**Mr. Obama’s hopes of using an opening to Iran to stabilize the Middle East will** almost certainly backfire. Before long, America is likely to be forced back into its traditional, post-1979 role as the leader of a coalition to counter Iranian designs. The place to begin is in Syria, which is now ground zero in the struggle between the two regional blocs.

Expansive self-defense regime enables Israel strike on Iran --- escalates and causes World War 3

Slager 12 (Katherine, J.D. Candidate 2013, University of North Carolina School of Law, “Legality, Legitimacy and Anticipatory Self-Defense: Considering an Israeli Preemptive Strike on Iran's Nuclear Program” Fall, 2012, 38 N.C.J. Int'l L. & Com. Reg. 267)

I. Introduction

World War III **is an event the world universally wishes to avoid**. n3 **Threats of preemptive strikes**, retaliations, **and nuclear weapons development bring speculation to the foreground about whether tensions today between Israel and Iran might result in an escalation of hostilities leading to a third World War**. n4 Iran has long professed hatred for the Jewish state, n5 and, according to the International Atomic Energy Agency (IAEA), may be developing nuclear weapons. n6 Israeli leaders say that if necessary, they will preemptively strike Iran to prevent it from developing nuclear attack capability. n7

 [\*269] While a strike might forestall a nuclear Iran, at least for the time being, the international community may not view this preemptive measure as legal or legitimate. **Using force in** self-defense must be subject to clear boundaries **in order to prevent rampant violence**. While war is never desired, "a legal war is more human than an illegal war." n8 But the rules of using force must be generally known and accepted in order to be effective. n9 This comment attempts to clarify the field of international law regarding use of force in anticipatory self-defense, and recommends that clear standards be widely established to better guide both nations considering such use of force and the international community, which must respond to this use of force.

This comment assesses the legality of a potential Israeli preemptive strike against Iran's nuclear program. There is no recognized and accepted analytical framework to assess this legality. n10 Therefore, this comment employs two methods of analysis and considers them both: first, it will employ the time-tested analytical methodology of analogy by comparing the state of the current Israeli-Iran conflict to incidents of anticipatory self-defense. Second, it will apply an analytical framework, proposed by David A. Sadoff, that offers a clear, practicable standard to govern evaluation of anticipatory use of force. n11 Part I discusses [\*270] the backdrop of international law regarding the use of force in self-defense. Part II defines the terms used and discusses both the traditional and proposed analytical frameworks used to assess the legality of anticipatory acts of self-defense. Part III describes and analyzes generally recognized incidents of anticipatory self-defense. Part IV assesses the current situation between Israel and Iran using analogies to past incidents and Sadoff's proposed analytical framework. Part V concludes that while the traditional framework under customary international law would condemn an Israeli strike, a clearer standard encompassing legitimacy as well as legality would better guide the international community in evaluating anticipatory uses of force in the modern era. II. International Law and the Use of Force in Self-Defense Self-defense has been described as "nature's eldest law." n12 Today, this right to self-defense has been codified in Article 51 of the U.N. Charter. n13 In order to analyze the legality of an Israeli preemptive strike on Iran's nuclear program, it is first necessary to understand the state of international law concerning the use of force in preemptive or anticipatory self-defense. A. The Road to Modern International Law and the Use of Force Before aspiring to describe the modern intricacies of international law, it is helpful to first understand the origins of international law and regulation of the use of force between nations. Person to person, community to community, and state to state, the use of force is a salient aspect of humankind's history. n14 As one scholar puts it, "force has been a consistent feature of the global system since the beginning of time." n15 War has been so prevalent in human history that it has been considered a "perennial [\*271] fact of life ... tantamount to ... plague or flood or fire." n16 It would "appear every once in a while, leave death and devastation in its wake, and temporarily pass away to return at a later date." n17 Over time, the need to restrict and regulate wars between nations developed, and war assumed a "legal status." n18 The attempt to restrict is first characterized by the "just war-unjust war" dichotomy of Ancient Greece and Ancient Rome, n19 which classical jurists and scholars of the sixteenth and seventeenth centuries advanced with their writings. n20 By the nineteenth century, however, this dichotomy was abandoned. n21 The accepted view of this period was that international law had nothing to do with attempting to distinguish just and unjust wars. n22 War was viewed as "a right inherent in sovereignty itself." n23 Through the nineteenth century, there was a widespread acceptance of a sovereign nation's right to go to war. n24 Perhaps in reaction to this widespread acceptance, bilateral treaties between nations began to arise at the end of the nineteenth century. n25 These treaties were formed to create contractual obligations between states to not go to war with each other. n26 Bilateral treaties eventually led to the creation of multilateral [\*272] treaties in an effort to "curtail somewhat the freedom of war in general international law." n27 After a few multilateral attempts to restrict inter-state use of force, n28 war finally became "illegal in principle" in 1928 with the General Treaty for Renunciation of War as an Instrument of National Policy (otherwise known as the Kellogg-Briand Pact). n29 Though flawed, the Kellogg-Briand Pact was a "watershed date in the history of the legal regulation of the use of inter-state force." n30 These early developments in establishing the illegality of war led to the Charter of the United Nations, signed in 1945 in San Francisco. n31 In response to the Second World War, the United Nations was created "to establish a universal international organization charged with the management of international conflict." n32 Delegates of forty-nine states were determined "to save succeeding generations from the scourge of war." n33 To this end, Article 2(4) of the U.N. Charter proscribes both the use and threat of force. n34 Two major exceptions exist, however, to this general prohibition against use of force. n35 Nations may use force [\*273] if they are acting either in individual or collective self-defense or if force has been authorized by the U.N. Security Council. n36 B. Self-Defense Even before the creation of the U.N. Charter, self-defense has been historically recognized as an inherent right of both individuals and sovereign nations. n37 As one scholar notes, self-defense "has long been founded on the simple notion that every rational being ... must conclude that it is permissible to defend himself when his life is threatened with immediate danger." n38 In addition to an individual's right to self-defense, the right of nations to use force in self-defense has also traditionally been recognized. n39 The right of a nation to defend its sovereignty is "embedded" in the "fundamental right of states to survival." n40 This being the case, there is no dispute over the legality of a state defending itself against attacks on its sovereignty. n41 What remains unsettled in modern legal scholarship, however, is when a nation [\*274] may invoke this right. n42 Traditionally, self-defense may only be used when necessary to repel an "overt armed attack," and is impermissible as a form of retaliation. n43 The notion behind self-defense in anticipation of an armed attack, however, is that "states faced with a perceived immediate attack cannot be expected to await the attack like "sitting ducks' but should be allowed to take the appropriate measures for their defense." n44 1. Customary International Law Under customary international law, nations may use force in anticipatory self-defense in order to "thwart discernible impending attacks." n45 The established doctrine arises from an incident known as the "Caroline incident." n46 In 1837, the United States and Great Britain were at peace and Canada was under British colonial rule. n47 However, factions of Canadians were engaged in an "armed insurrection" against the British. n48 The Caroline, a privately-owned American steamship owned and operated by Americans, was used to transport men and supplies across the Niagara River to support the Canadian rebels. n49 On the night of December 29, 1837, British soldiers seized the Caroline while it was docked on the American side of the river, dragged the boat into the current, set it afire, and let it loose to drift over the Niagara Falls. n50 Two Americans were killed in the incident. n51 In response, a series of letters were exchanged between Henry [\*275] Fox, the British Minister in Washington, and the U.S. Secretary of State. n52 The British claimed that the destruction of the Caroline was justified as "necessity of self-defense and self-preservation." n53 The response of Secretary of State Daniel Webster has become immortalized as the factors necessary to justify an act of self-defense. n54 Webster stated that the act would not be justifiable unless the British could show: necessity of self-defence, instant, overwhelming, leaving no choice of means, and no moment of deliberation. It will be for it to [show], also, that the local authorities of Canada, even supposing the necessity of the moment authorized them to enter the territories of the United States at all, did nothing unreasonable or excessive; since the act, justified by the necessity of self-defence, must be limited by that necessity, and kept clearly within it. n55 This response has become known as the Caroline doctrine, and asserts that for a use of force in anticipatory self-defense to be justified, it must be necessary, proportionate, and in response to an imminent threat of armed attack where no other means of redress are available. n56 These factors have become generally accepted and incorporated into customary international law. n57 [\*276] 2. The U.N. Charter and Article 51 The Charter of the United Nations was adopted in 1945. n58 As discussed above, Article 2(4) of the Charter prohibits the use of force between nations, except in the case of two major exceptions. First, Article 51 articulates a nation's right to use force in self-defense. n59 Second, Chapter VII of the Charter allows the use of force "as may be necessary to maintain or restore international peace and security" under authorization of the U.N. Security Council. n60 This analysis focuses on Article 51, as it is "the focal point" in discussing the permissibility of self-defense. n61 Under Article 51 of the Charter, a nation has the right to use force in individual or collective self-defense. n62 The Article provides: Nothing in the present Charter shall impair the inherent right of individual or collective self-defence if an armed attack occurs against a Member of the United Nations, until the Security Council has taken measures necessary to maintain international peace and security. Measures taken by Members in the exercise of this right of self-defence shall be immediately reported to the Security Council and shall not in any way affect the authority and responsibility of the Security Council under the present Charter to take at any time such action as it deems necessary in [\*277] order to maintain or restore international peace and security. n63 While "the right of self-defence pursuant to the U.N. Charter has its origins in customary international law," Article 51 appears to limit uses of force in self-defense only to situations where an "armed attack" has occurred. n64 As Professor Dinstein succinctly observes, this limitation presents a "material difference in the range of operation of the right [of self-defense] between these two sources [of international law]." n65 Many scholars have very divergent views on the implications of this difference. 3. The Debate The debate surrounding the legality of anticipatory defense in modern international law is extensive and seemingly unlimited. Scholars can generally be divided into two camps: restrictionist and expansionist. n66 First, however, it is necessary to clarify the terminology used in the debate on self-defense. n67 While a plethora of scholars seem to offer as many definitions and distinctions as there are authors, n68 this article will use the terminology as categorized by David Sadoff. n69 First, there are two general types of self-defense: reactive and non-reactive. n70 Reactive strikes occur "when a State responds to an attack after it [\*278] has occurred." n71 Non-reactive strikes, otherwise referred to as "defensive first strikes," occur "when a State takes military action before being hit." n72 Defensive first strikes can be further sub-divided into three categories: interceptive, anticipatory, and preemptive. n73 These three categories can be viewed as the rough points on a spectrum of "real or perceived timing of the threat posed by an aggressor State." n74 Interceptive self-defense encompasses the most immediate threats, while preemptive encompasses the least immediate. n75 Interceptive self-defense, as first articulated by Professor Dinstein, "takes place after the other side has committed itself to an armed attack in an ostensibly irrevocable way." n76 This refers to scenarios with the shortest amount of time between the self-defensive act and the perceived threat. n77 As Sir Humphrey Waldock describes, "where there is convincing evidence not merely of threats and potential danger but of an attack being actually mounted, then an armed attack may be said to have begun to occur, though it has not passed the frontier." n78 Dinstein asserts that not only is interceptive self-defense legitimate under customary international law, it is also legitimate under Article 51. n79 Anticipatory self-defense, by contrast, is "the use of force in [\*279] "anticipation' of an attack when a State has manifested its capability and intent to attack imminently." n80 The Caroline doctrine is generally considered to reflect assertions of anticipatory self-defense. n81 This refers to scenarios where an attack may be imminent but not yet underway. n82 The temporal definition of what constitutes "imminence" is not well-established or even well-articulated. n83 Many scholars assert that Article 51 of the U.N. Charter recognizes anticipatory self-defense through its preservation of states' "inherent right of ... self-defense." n84 Preemptive self-defense, which is used in this comment to encompass the concept of "preventive" self-defense, n85 refers to the use of force "to quell any possibility of future attack by another state, even where there is no reason to believe that an attack is planned and where no prior attack has occurred." n86 This scenario refers to defensive first strikes that are temporally the most removed from the perceived threat. n87 While the majority of [\*280] scholars reject the legality of preemptive self-defense under international law, n88 it has been argued that use of preemptive force may still be legitimate. n89 The restrictionist and expansivist schools of interpreting the legality of self-defense focus their debate on the "middle-ground" of defensive first-strikes, that of anticipatory self-defense. Professor Ronzitti aligns the two camps in terms of a geographical divergence. n90 The restrictionist camp is referred to as the "continental doctrine," while the expansivist doctrine is attributed to common law countries and Israel. n91 The question that divides the two camps is "whether the words "if an armed attack occurs' introduces ... a rigid test of legitimate self-defense." n92 The restrictionist camp asserts that "self-defense [can] lawfully be exercised only if the State is the object of an actual attack." n93 Under this view, "use of force under the Charter is expressly limited to situations where an armed attack has already commenced or occurred." n94 The restrictionist camp recognizes the right to use force in anticipatory self-defense under customary international law, but asserts that the adoption of the Charter in 1945 limited "the scope of that right." n95 As Professor Dinstein emphasizes, "the use of the phrase "armed attack' in Article 51 is [\*281] not inadvertent ... [it] is deliberately restrictive." n96 Dinstein concludes that "self-defence consistent with Article 51 implies resort to counter-force ... in reaction to the use of force by the other party." n97 By contrast, the expansivist camp asserts that "the right of self-defence can be exercised not only when the State has been the object of an armed attack but also when the attack is imminent." n98 Three reasons have been cited to support this theory. First, expansivists cite that the actual reading of "if an armed attack occurs" does not necessarily mean "after an armed attack has occurred." n99 Professor Waldock elaborates that this "goes beyond the necessary meaning of the words," and cites the French text: "dans un cas ou un Membre des Nations Unies est l'objet d'une agression armee." n100 Second, expansivists note that the Article 51's preservation of the "inherent right" of self-defense was "a comparatively late addition to the Charter, for most States initially assumed that "the right of self-defense was inherent in the proposals and did not need explicit mention in the Charter.'" n101 Lastly, and most persuasively, the expansivist camp notes that Article 51 preserves the "inherent right" of self-defense. n102 D. W. Bowettt remarks that "the reference to an "inherent' right suggests something of the philosophy of natural law." n103 Professor Dinstein himself points out that "the right of self-defence pursuant to the U.N. Charter has its origins in customary international law." n104 As customary international law permits an act of [\*282] anticipatory self-defence "when the threat of an armed attack is "imminent'," n105 it is therefore "not implausible to interpret article 51 as leaving unimpaired the right of self-defense as it existed prior to the Charter." n106 As Professor Shah articulates, "the intention of article 51 seems to be to make anticipatory self-defence a statutory right, not to limit it," n107 strongly evidenced by "the inclusion of the word "inherent' and the absence of any objection to it by states." n108 With such a dispute over the ambiguity of Article 51, many scholars would turn to the International Court of Justice (ICJ) for a judicial ruling on whether anticipatory self-defense is legal under Article 51. n109 Yet the ICJ has not ruled on the matter. In Nicaragua v. United States, n110 while the ICJ "based its decision on the norms of customary international law concerning self-defence as a sequel to an armed attack," the Court explicitly refrained from pronouncing a judgment on the legality of anticipatory self-defense. n111 Without a judicial pronouncement on the matter, [\*283] scholars will continue to battle over the legality of anticipatory self-defense. 4. The State of the Law and Implications Today, there is no accepted state of international law regarding the use of force as anticipatory self-defense against an imminent armed attack. n112 However, as numerous scholars have noted, the world has changed in many significant ways since the drafting of the U.N. Charter in 1945. n113 At that time, drafters were primarily concerned with "overt acts of conventional aggression." n114 Since 1945, however, most conflicts have been in the form of civil conflicts, covert actions, or acts of terrorism. n115 The "ever-present threat of the use of nuclear and other weapons of mass destruction" is changing our traditional notions of warfare. n116 While nuclear weapons physically existed at the time the U.N. Charter was drafted, "the delegates at San Francisco knew nothing of the nature and effects of nuclear weapons" and thus "could not have addressed the threat, proliferation, and potential use of these weapons of mass destruction." n117 One delegate specifically referred to the Charter as a "pre-atomic age charter." n118 Many scholars of the expansivist view point out this seemingly obvious observation: "no state can be expected to await an initial attack which, in the present state of armaments, may well destroy the state's capacity for further resistance and so jeopardize its very existence." n119 The ICJ itself, in its advisory opinion in the Nuclear [\*284] Weapons Case, n120 recognizes the "right to resort to self-defence, in accordance with Article 51 of the Charter, when its survival is at stake." n121 It seems that there is room for a preemptive use of force under the U.N. Charter if and only if a state's very survival is at stake. Lastly, one could argue against even considering the legality of using preemptive force. n122 Abraham Sofaer notes that despite the "illegality" of using force for "preventive purposes," states have engaged in such force in over 100 instances since the signing of the U.N. Charter in 1945. n123 He argues that rather than being concerned over the legality of a preemptive use of force, states should be concerned over the legitimacy of such an act. n124 Sofaer advocates adopting a proposal from the 2004 report of the Secretary General's High-Level Panel on Threats, Challenges and Change: n125 the U.N. Security Council should "adopt and systematically address a set of agreed guidelines, going directly not to whether force can legally be used but whether, as a matter of good conscience and good sense, it should be." n126 According to Sofaer, the benefits of "using legitimacy as a guide ... would allow states to take into account a broader range of considerations than current international law typically dictates." n127 [\*285] The state of the law concerning the legality of using force in preemptive or anticipatory self-defense is convoluted, to say the least. However, this does not mean that it is impossible to evaluate the legality of an Israel preemptive attack on the Iranian nuclear program. III. The Legality of Anticipatory Self-Defense and Preemptive Force Though the state of modern international law is unclear, there are many arguments to support the legality of using force in anticipatory self-defense. Under the Caroline doctrine of customary international law, n128 the traditional framework to evaluate use of force in anticipatory self-defense addresses three elements: necessity, proportionality, and imminence of a threat such that no other recourse is available. n129 Alternative frameworks have also been proposed to expand the customary Caroline framework. n130 Using both the traditional and alternative analytical frameworks to analyze several modern incidents where the use of anticipatory self-defense was evidenced or claimed, it is possible to evaluate the legality of a potential Israeli strike on Iran's nuclear reactor. A. Framework under Customary International Law Regardless of legality under strict interpretation of Article 51 of the U.N. Charter, n131 the Caroline-based elements of necessity, proportionality, and imminence must be fulfilled for an anticipatory use of force to be legal under customary international law. n132 While some commentators include imminence in their analysis of necessity, n133 most commentators include imminence as [\*286] a separate element. n134 1. Necessity and Proportionality The principles of necessity and proportionality are "part of the basic core of self-defence [upon which] all states agree." n135 The requirements of necessity and proportionality in self-defense are not expressly included in the U.N. Charter, but rather, are tenets of customary international law that have been reaffirmed by the ICJ in the Nicaragua case and in the ICJ's Advisory Opinion on the Legality of the Threat or Use of Nuclear Weapons. n136 As Gray succinctly describes, the "basic, uncontroversial principles" of necessity and proportionality are that self-defense "must not be retaliatory or punitive; the aim should be to halt and repel an attack." n137 Necessity and proportionality "constitute a minimum test" that is determinative of the legality of using force in self-defense. n138 Thus, if a nation's use of force is lacking in either necessity or proportionality, the use of force is not justified under the doctrine of self-defense, and may in fact be unlawfully retaliatory or punitive. n139 [\*287] Necessity, by itself, is not a controversial proposition. n140 States need to demonstrate that "such forceful action was necessary to defend itself against an impending attack." n141 However, applying necessity to a particular scenario "calls for assessments of intentions and conditions bearing upon the likelihood of attack." n142 The nature of necessity is that it is often interposed with the "imminence" factor. n143 One scholar explains the logical relation between necessity and legal use of force in self-defense by describing necessity to mean that "there must have been no other feasible means of dealing with a particular threat." n144 Notably, this means that "force should not be considered necessary until peaceful measures have been found wanting." n145 As this comment assesses a preemptive strike in defense of a potential nuclear attack, the element of necessity - as separate from an analysis of imminence - will primarily address whether "peaceful measures" are still available to Israel. Proportionality assesses the appropriateness of a nation's action in response to a perceived threat. n146 Thus, an ex ante analysis of proportionality is not immediately relevant when attempting to predict the legality of a future act of self-defense. However, as proportionality is an integral component to the legality of inter-state uses of force, understanding the role proportionality plays in lawful acts of anticipatory self-defense is still pertinent to this comment's analysis. The requirement of proportionality means that "acts done in self-defense must not exceed in manner or aim the necessity provoking them." n147 Another scholar notes that "a forcible response must be limited to removing that threat, and cannot extend beyond this defensive [\*288] objective to encompass the pursuit of broader offensive or strategic goals." n148 An act in self-defense that exceeds the bare minimum necessary to respond to the threat risks becoming a retaliatory act, and thus unlawful under customary international law. n149 Simply put, a nation's "counter-attack" must not amount to a reprisal for the purpose of revenge or as a penalty. n150 Proportionality is also relevant to the theoretical implications of anticipatory self-defense. In its pure form, proportionality dictates that "harm returned should not exceed harm received." n151 Inherent in this concept is that an attack as deterrence is actually at odds with this precept of proportionality, as the purpose of an attack meant to deter is that "the greater the disproportionality, the greater the chance of avoiding harm to either party by avoiding conflict altogether." n152 Thus, the element of proportionality serves as the essential limit on the acts that nations may engage in when using force in anticipatory self-defense. For the purposes of this comment's analysis, "necessity" is limited to assessing whether Israel has exhausted all available peaceful means n153 and "proportionality" is limited to exploring the limits of any acts Israel would be permitted to take in defending itself against a nuclear strike. 2. Imminence Imminence is "the most problematic variable of anticipatory self-defense ... that has no precise definition in international law." n154 However, the importance that imminence plays in the legitimacy of using force in anticipatory self-defense is clear. As one scholar recognizes: It is important that the right of self-defense should not freely [\*289] allow the use of force in anticipation of an attack or in response to a threat. At the same time, we must recognize that there may well be situations in which the imminence of an attack is so clear ... that defensive action is essential for self-preservation. n155 Illustrating its role in customary international law, the absence of imminence was indeed determinative when the International Military Tribunals at Nuremberg applied the Caroline test following World War II, rejecting Germany's proffered justification that their "invasion of Norway had been an act of anticipatory self-defense." n156 Today, however, the doctrinal debate surrounding the legality of states using force in anticipatory self-defense stems primarily from the varying definitions and meanings of "imminence." n157 Thus, imminence becomes the most essential factor to define when determining whether a use of force in self-defense is permissible, n158 and is therefore the primary question in analyzing whether Israel would be presently justified to strike Iran's nuclear program. The notion of imminence in customary international law reaches back to the Caroline incident. n159 Under the Caroline doctrine, "an attack must be apparent in certain terms, and the impending harm must be of such an immediate nature that instant armed force is the only way to ward off the blow." n160 This standard for imminence focuses on the temporal aspect and is strictly measured. n161 An imminent attack, strictly measured, is one that is "just about to occur or, in other words, when "an attack is in evidence.'" n162 Scholars have suggested that the imminence of an attack can rise to such urgency that use of force in anticipatory self-defense would fall within the stricture of Article 51. n163 [\*290] Many scholars are now arguing that a relevant measurement of imminence, however, should no longer be strictly temporal. n164 The strict requirement is out of touch with "the realities of modern military conditions." n165 The nature of imminence has been affected in two significant ways since the development of the Caroline doctrine. n166 First, the "gravity of the threat" has changed significantly. n167 Today we face nuclear weapons and other weapons of mass destruction that have the capacity to destroy a nation before it ever has a chance to defend itself. n168 This is vastly different from the "cross-border raids conducted by men armed only with rifles" that were the predominant form of international uses of force at the time of the Caroline incident. n169 Second, the method of delivering an attack has changed. n170 With increased rapidity of an attack reaching its target once launched, it is now "far more difficult to determine the time scale within which a threat of attack ... would materialize." n171 Within this framework, Professor Greenwood asserts that in order to justify the existence of an "imminent threat," there must be sufficient evidence that "the threat of attack exists ... [requiring] evidence not only of the possession of weapons but also of an intention to use them." n172 Customary international law is, by its very nature, an important groundwork for establishing the bounds on inter-state actions. n173 Nevertheless, it has many shortcomings as a framework [\*291] to assess the legality of using force in self-defense. While strict interpretation of the U.N. Charter's restriction on using force in self-defense is often too restrictive, n174 customary international law suffers from being too vague to serve as a guide for state actors. n175 Additionally, it may be "out of sync" with the realities of a state's reasoning and behavior when facing threats to their very survival. n176 Thus, scholars began to look for, or propose, alternatives. B. Alternative Framework The scholarly landscape concerned with anticipatory self-defense is consumed with widespread disagreement, from expansivist-restrictionist doctrinal dichotomies n177 to inconsistent definitions of prevention, preemption, anticipatory self-defense, n178 and the very factors of necessity, proportionality and imminence n179 that are essential to this vast doctrinal theory of international law. However, there is one observation on which all scholars can perhaps agree: at present, the international arena does not have a practicable framework to consistently evaluate the legality or legitimacy of a nation's use of force in anticipatory self-defense. As a result, several scholars have proffered a variety of proposals to compensate for the vagueness of customary international law and the unrealistic restrictiveness of the U.N. Charter in assessing anticipatory self-defense. Though several proposals have been offered by numerous scholars, n180 this comment limits its [\*292] consideration to the framework proposed by David Sadoff, which focuses its proposal specifically to assessing use of force in anticipatory, rather than preventive, self-defense. 1. David Sadoff, "Striking a Sensible Balance" Sadoff proposes an alternative legal framework to assess the legality of "proactive defense," which encompasses interceptive, anticipatory and preemptive self-defense. n181 His analysis, while derived from customary international law, seeks to expand on this doctrine to produce a "clear, practicable legal standard to govern the use of first strikes." n182 The substantive components of the proposed framework include (1) properly gauging the threat, (2) exhausting peaceful alternatives, and (3) taking responsive action. n183 As the second and third components tend to follow the same considerations as under a traditional customary international law analysis, this comment describes only the first component in depth. In order to gauge the threat of attack, Sadoff proposes analyzing the (i) nature and scale, (ii) likelihood, and (iii) timing of the threat. n184 With a state gauging the threat of attack, Sadoff calls for establishing an evidentiary standard to "address[] the nature, quality, and reliability of a state's information about the underlying facts and circumstances that have led it to decide to act against a given threat." n185 He proposes that the evidentiary standard requires a state to show "with clear and compelling evidence the existence of a serious and urgent need with respect to [\*293] a given threat." n186 The first two prongs of a state's assessment using Sadoff's framework appear to go to the necessity element of the Caroline doctrine. When assessing the nature and scale of a potential attack, a state will need to consider (1) "the character and magnitude" of the threatened attack (including (a) the type of weapons the enemy may use, (b) the size of an army, or (c) whether it would be an invasion or an isolated attack); (2) whether or not there would be warning; (3) what the likely targets of an attack would be; and (4) what the impact of an attack would be on the state's capacity to defend itself. n187 In assessing the likelihood of an attack, Sadoff explains that a state would assess the probability of whether the attack would in fact occur if there were no "proactive defense" measures taken. n188 The analysis by the target state would be subjective, in that it considers the state-actor's perceptions of the "intent and capabilities of the presumed aggressor state." n189 The author recommends using an "operational assessment" of likelihood (e.g., when the attacking state's "decision to attack has become "effectively irrevocable'"), rather than a probability-based assessment (e.g., ""reasonable certainty' or "highly probable'"). n190 An operational-based standard would be a higher threshold than a probability-based standard, so that defensive actions are [\*294] appropriate when the question of attack is not if an attack will occur, but when - "the uncertainty lies in whether the attack will occur sooner rather than later." n191 Such a high threshold would surely satisfy the "necessity" prong of the Caroline doctrine. n192 An assessment of "timing" is an important consideration because it addresses the urgency of a potential defensive action. n193 This factor appears to go to the imminence prong of the Caroline doctrine. Sadoff advocates mandating a "last window of opportunity" approach in the timing analysis, meaning that a defensive action would be appropriate when "a present danger ... is known and ... [when] any additional delay in acting would "seriously compromise security.'" n194 He advocates this approach over requiring "temporal imminence" because "the underlying rationale of the imminence requirement is to ensure military action is truly necessary." n195 Sadoff brings a "realist" approach to the matter of assessing when using force in anticipatory self-defense would be appropriate. n196 He appropriately notes that the standards currently employed under customary international law and the Caroline doctrine are "too limited in scope to be of general use" and lack the details needed for utility purposes. n197 Furthermore, his suggested framework provides numerous questions and factors that would provide practical guidance to nations considering using [\*295] force in "proactive defense." n198 This guidance would also enable the international community to consistently evaluate the legitimacy of a nation's use of force. n199 As Sadoff remarks, this would enable third parties to "cast their military and diplomatic support accordingly behind the state whose conduct more closely conformed to international law." n200 2. Considering Legitimacy Legitimacy is vital to the success of any legal order. n201 In the present context, legitimacy refers to the "the anticipated reaction of the relevant international community to a State's decision to use force." n202 In 2004, the U.N. Secretary-General's High-Level Panel on Threats, Challenges and Change n203 observed that "the effectiveness of the global collective security system ... depends ultimately not only on the legality of decisions but also on the common perception of their legitimacy." n204 The panel notes that if either "common global understanding" or "acceptance" of when use of force is both legal and legitimate is lacking, the result will be a weaker international legal order. n205 In realist terms, however, legitimacy and legality are often separate considerations. n206 An act that is considered legitimate [\*296] may not always be deemed legal, and an act that is legal may not always be considered legitimate. n207 Legitimacy differs from legality on several points. First, legitimacy is established by the "actual views and values of states and other relevant parties" rather than by the academic or professional opinions of international legal scholars on the meaning of the U.N. Charter. n208 Second, legitimacy differs from legality in that it is usually a "relative judgment, rather than a definitively positive or negative one." n209 The very nature of legitimacy is that it turns on numerous factors, rather than requiring that "certain standards be met" as with legality. n210 Third, an assessment of legitimacy should consider not only the views of other nation states, but the views of non-state entities such as international agencies, non-governmental groups, the press and the public. n211 The U.N. High-Level Panel, however, has demonstrated a recognition of the vital importance of legitimacy by citing five criteria that the Security Council should always address when deciding whether to authorize or endorse the use of force: (1) "seriousness of threat," (2) "proper purpose," (3) "last resort," (4) "proportional means," and (5) "balance of consequences." n212 For the first criterion, "seriousness of threat," the question to pose is, "Is the threatened harm to State or human security of a kind, and sufficiently clear and serious, to justify prima facie the use of military force?" n213 Inquiry regarding "proper purpose" begs the question "Is it clear that the primary purpose of the proposed military action is to halt or avert the threat in question?" n214 "Last resort" is relatively straight-forward, and asks whether "every non- [\*297] military option for meeting the threat in question [has] been explored, with reasonable grounds for believing that other measures will not succeed." n215 This criterion can be viewed as synonymous with an analysis of "necessity." n216 "Proportional means" predictably refers to proportionality: "Are the scale, duration and intensity of the proposed military action the minimum necessary to meet the threat in question?" n217 The final criterion recommended by the Panel, "balance of consequences," goes to the heart of the legitimacy inquiry. n218 The Panel illustrates this inquiry by posing whether "there [is] a reasonable chance of the military action being successful in meeting the threat in question, with the consequences of action not likely to be worse than the consequences of inaction." n219 This is essentially the age-old question, "Will the proposed action do more harm than good?" n220 Sofaer recommends that when answering this question, one "should go beyond the immediate, physical effects of a particular action and take into account the long-term, ethical consequences." n221 The Caroline doctrine has been a pillar in the development of customary international law's analysis of anticipatory self-defense. However, widespread debate on the relationship between this doctrine and Article 51 of the U.N. Charter has created a vague understanding of what constitutes the strict bounds of legality when using force in self-defense. While alternative frameworks effectively address the doctrinal weaknesses of the Caroline doctrine and customary international law, understanding [\*298] international reactions to past incidents of anticipatory self-defense is essential. Analysis of these incidents will illustrate the bounds of legality and legitimacy within the international community and provide insight on how an alternative framework would be applied to future incidents. IV. Anticipatory Self-Defense: Examples and Incidents Without a clear legal framework to guide an evaluation of using force in anticipatory self-defense, modern day incidents of "non-reactive force" used in anticipatory self-defense are crucial to answering two essential questions: First, are there instances in which the use of anticipatory self-defense would be recognized as legitimate, and secondly, where would the line be drawn to distinguish acceptable and unacceptable uses of force? Four examples of nations using force in anticipatory self-defense have been generally recognized and analyzed as such since the adoption of the U.N. Charter. n222 These examples shed light on the current acceptance or rejection of the doctrine of anticipatory self-defense and provide a baseline to examine whether the current situation between Israel and Iran might give rise to a legitimate use of anticipatory self-defense. A. 1962 Cuban Missile Crisis In 1962, the U.S.S.R. sent "over 100 shiploads of armaments" [\*299] to Cuba, which included numerous launch missile sites. n223 The United States responded by creating a naval quarantine around Cuba, so that all ships going to Cuba would be inspected and no ships with weapons would be allowed to pass through. n224 In the course of the quarantine, no ships tried to get around the quarantine, no ships were seized, and only one ship was boarded without incident. n225 One day after announcing the quarantine, the United States asked for and received regional support from the Organization of American States (OAS). n226 The United States did not seek to justify the act on the basis of Article 51. n227 Nor did the United States claim that the U.S.S.R.'s posturing with Cuba's cooperation was unlawful. n228 Instead, the United States relied on Article 52 to justify its actions, citing its use of "regional arrangements ... relating to the maintenance of international peace and security." n229 International reactions to the legality of the quarantine reflected "ideological lines," with Chile, China, France, Ireland, the United Kingdom, and Venezuela supporting the quarantine, and Ghana, Romania, the Soviet Union, and Egypt opposing it. n230 As this incident involved a non-reactive use of force, a brief Caroline analysis is relevant. n231 The element of necessity may have been present, as the gravity of the threat (proximity of nuclear missiles) was immense. n232 Nevertheless, all peaceful measures may not have been exhausted. The proportionality element seems to be met, in that almost no force was actually used. n233 Satisfying the imminence requirement is more difficult because it is not clear that using force was the only way "to ward [\*300] off the blow." n234 The possession of weapons and a clear intention to use them, at least as a threat against the United States, however, were clearly present. n235 Regarding the reaction of the international community, "very few [states] ... relied on a strict interpretation of Articles 2(4), 51, and 53." n236 Thus, even though this incident does not suggest either "clear acceptance or rejection" of anticipatory self-defense, it demonstrates that in 1962, states were not interpreting the U.N. Charter in a clearly "restrictive" way. n237 B. 1967 Six Day War n238 Scholars have described the Six Day War between Israel and Egypt as a "classic case of military preemption." n239 In 1967, tensions were rising between Israel and its Arab neighbors. n240 Leading up to the incident of June 5, 1967, five overt acts indicated that Egypt would launch an attack on Israel. n241 First, Egypt mobilized troops along Israel's Sinai border "to an unprecedented extent." n242 Second, Egypt began cementing ties with Jordan, Syria and Iraq. n243 Third, the Egyptian president ordered U.N. Emergency Force troops to leave Sinai, where they had been deployed as a buffer between Egypt and Israel. n244 Fourth, Egypt imposed a blockade of the Straits of Tiran, a waterway vital to Israeli shipping. n245 Lastly, the Egyptian [\*301] president proclaimed that in any war with Israel, Egypt's goal would be "the destruction of the Jewish state." n246 The final result of this buildup was that on June 5, Israel launched a "surprise" air attack on Egypt's forces that resulted in a "decisive victory" in a matter of days. n247 In the ensuing period, Israel first claimed that Egypt had made the first move. n248 Shortly thereafter, however, this argument lost weight and Israel made the alternative claim that the blockade represented an "act of war" and the deployments of troops appeared to be an imminent attack. n249 Thus, though Israel's attack on Egypt was an act of anticipatory self-defense in substance, Israel did not rely on this doctrine to justify its actions. n250 International reaction was generally supportive of Israel, though some states viewed the incident as an act of aggression by Israel. n251 Despite the fact that the "primary facts" demonstrated a clear example of anticipatory self-defense, n252 no state cited the principle [\*302] of anticipatory self-defense in its support. n253 In a Caroline analysis of this incident, necessity, proportionality and imminence all appear to be present. For the necessity requirement, Israel was facing the possibility of invasion, as evidenced by the amassing of the troops along its Sinai border. n254 The proportionality of the response also seems appropriate, as the duration of the armed engagement was only six days and the attack was limited to Egypt's military forces. n255 Furthermore, the mobilization of troops, the blockade, the removal of U.N. troops, and the accompanying threatening remarks by the Egyptian president all strongly indicate the imminence of an invasion. Though there was a lack of consensus in the international community regarding the legitimacy of anticipatory self-defense, Israel's actions were widely viewed as legitimate when the customary international law elements of necessity, proportionality and imminence were all present. n256 C. 1981 Israeli Attack on Osirak n257 Nuclear Reactor The Osirak incident has been described as an example of "preemptive" force. n258 In early 1981, Iraq was constructing a nuclear reactor near Baghdad, "code-named Osirak." n259 Israel viewed the Osirak reactor as "a threat to Israel's survival." n260 The type of reactor used and the type of fuel purchased could both be [\*303] used in weapons manufacture. n261 Additionally, Israel noticed that Iraq was buying more uranium than it would need for scientific research. n262 Iraqi leaders were expressing "vehement hostility" to Israel. n263 This last factor was augmented by the history of three wars between Israel and Iraq and the fact that Iraq continued to deny Israel's legal existence. n264 Lastly, the nature of the threat and Israel's vulnerability to an initial strike were factors in Israel's decision to act. n265 On June 7, 1981, Israel attacked and destroyed the Iraqi nuclear reactor. n266 Israel said it acted to "remove a nuclear threat to its existence." n267 To justify its actions, Israel claimed anticipatory self-defense. n268 Though citing scholars' expansive interpretation of Article 51, Israel was unable to cite any examples of state practice of anticipatory self-defense. n269 The U.N. Security Council, while not reaching a consensus on the matter of anticipatory self-defense, did unanimously condemn the act as a "clear violation" of the U.N. Charter and "the norms of international conduct." n270 Individual states had varied reactions to Israel's actions. Some states agreed with the doctrine of anticipatory defense, but condemned the incident for lack of imminence: there was no "instant and overwhelming need for self-defense." n271 Other states simply rejected the principle of anticipatory self-defense. n272 The United States condemned the incident, citing the fact that peaceful means were not pursued, given that the International Atomic Energy Agency (IAEA) did not have evidence that the reactor would be used to develop [\*304] nuclear weapons. n273 Under a Caroline analysis, it can be argued that both necessity and proportionality were present. The possibility of nuclear armament and the state of hostilities between Israel and Iraq suggest there could have been a grave threat to Israel, satisfying the necessity prong of the Caroline doctrine. The action taken, a targeted destruction of the "threat" (the nuclear reactor), seems to meet the proportionality requirement. n274 Imminence, however, was clearly not present. n275 The threat to Israel had not been "of such an immediate nature that instant armed force [was] the only way to ward off the blow." n276 From this incident, we have a possible recognition of the principle of anticipatory self-defense, though it was not in fact viewed to be present here. n277 D. 2007 Israeli Attack on a Syrian Nuclear Facility In the early hours of September 6, 2007, Israeli jets launched an attack on an undisclosed target near Al-Kibar in north-eastern Syria. n278 While the Syrian government has never admitted it, the general consensus of the international community is that the target of the attack was a secret Syrian nuclear reactor, and that it was destroyed in the attack. n279 The first official intelligence report regarding the target was released by the United States in April 2008. n280 This report stated that there was evidence as early as spring 2007 that the Syrian target "was a nearly completed nuclear reactor intended to produce plutonium for a weapons programme." n281 The report also indicated that the complex was [\*305] "weeks and possibly months from operational capacity." n282 To support the intelligence conclusions of the United States, IAEA investigators did discover plutonium particles at the Al-Kibar site. n283 The IAEA all but officially concluded that the Al-Kibar site was a nuclear reactor when the IAEA Director General Yukiya Amono "explicitly confirmed" that the destroyed facility was "a nuclear reactor under construction." n284 Interestingly, Syria's immediate reaction to the attack was rather muted. On September 9, 2007, Syria registered an official complaint with the U.N. Security Council and General Assembly, asserting only that "Israel had committed a breach of the airspace of the Syrian Arab Republic." n285 The complaint also asserted that during the attack, Israel "dropped some munitions but without managing to cause any human casualties or material damage." n286 [\*306] More interestingly, the international reaction to the incident was also muted. Israel itself, while eventually admitting that they were responsible for the attack, n287 did not provide any legal justifications for the attack. n288 While the United States issued "tentative support" for the attack, no states other than Syria condemned the incident. n289 Professor Garwood-Gowers asserts that even under the customary international law doctrine of anticipatory self-defense, this attack on Syria is clearly unlawful under current international law by failing to meet the requirements of necessity and imminence. n290 Specifically, he cites Israel's failure to "exhaust peaceful means of resolving its concerns over Syria's nuclear intentions" through either the IAEA or the U.N. Security Council. n291 In analyzing this incident, Garwood-Gowers seeks to evaluate whether the state of modern international law regarding the use of preventive force has changed. n292 "If the international community's response ... indicates general acceptance of a new practice or interpretation, then it can be said that a change to customary international law has taken place." n293 Garwood-Gowers explains that any "significant opposition" would be enough to disrupt any [\*307] display of "general acceptance," indicating that international law remains unchanged. n294 He concludes that while there is still no "general acceptance" sufficient to mark a shift in international law, the incident does reflect a shift in state practice that "indicates a broader lack of concern over the legality of relatively minor uses of force." n295 The muted reaction by the international community may demonstrate that even though such an attack may be illegal under current international law, it may be that the international community does not view the incident as illegitimate. These incidents do not clearly demonstrate that using of force in anticipatory self-defense is definitively legal, or even legitimate, under modern international law. Yet they provide guidance as to what situations do and do not warrant use of non-reactive force in the eyes of this same international community. n296 The Six Day War strongly suggests that there are situations in which "non-reactive" uses of force would be widely seen as legitimate. n297 Overt preparations for attack, as in the Cuban Missile Crisis and the Six Day War, appear to warrant acts bordering on "unlawful" under the restrictive interpretation of Article 2(4)'s prohibition on the use of force. n298 These situations are thus more likely to warrant acceptance of using force in anticipatory self-defense. Nevertheless, overt hostility with the mere possibility of nuclear weapon development, such as in the Osirak incident, n299 does not appear to automatically warrant the use of force. These various incidents thus provide real world examples of what the international community would consider necessary, proportionate, and imminent. The most controversial element seems to be imminence. These incidents provide the baseline to which the three prongs of the Caroline doctrine can be applied in evaluating whether the present conflict between Israel and Iran constitutes such imminence as would justify a preemptive strike. [\*308] V. Today: Israel and Iran A. History While it may be hard to believe in today's era of hostility and threat, history reveals that Israel and Iran have not always been enemies. In World War II, Iranian diplomats helped save "thousands of Jews" from the Holocaust. n300 Iran was one of the first Muslim nations to establish economic and trade ties with Israel. n301 Indeed, Iran has a long history of "Jews [being] welcome members of Iranian society." n302 The two states were allies for a period spanning almost three decades, united by the common "enemy" of Sunni Arabs. n303 The friendly economic ties between the two nations changed in 1979 with Iran's Islamic Revolution. n304 The Ayatollah that ousted the Shah in the revolution preached strong anti-Israeli rhetoric, setting the stage for the severe decline of Iran-Israel relations in modern Iran. n305 This history of cooperation is a far cry from today's state of affairs, where Iran proclaims a strong anti-Israeli stance. Iran's support of Hamas and Hezbollah, two militant groups that seek the destruction of Israel, exemplifies the current view of Iran towards Israel and has often been cited by Israel in their reasons to need to take defensive measures against Iran. n306 B. Current Events For Iran to be a threat to Israel, it has to have both the capability to attack Israel with nuclear weapons and the intention to do so. n307

 [\*309]

1. Capability: Iran's Nuclear Development

Towards the end of 2011 and into the early part of 2012, world tensions concerning Iran's nuclear program mounted quite dramatically. n308 Iran's nuclear program has been a controversial issue since the program's "re-birth" in the 1990s. n309 Though Iran is a signatory to the Nuclear Non-Proliferation Treaty, n310 members of the international community have long been suspicious of the purposes underlying Iran's clandestine nuclear research. n311 Many worry that Iran is seeking to develop nuclear weapons. n312 Yet Iran has consistently asserted that its nuclear program is purely for peaceful purposes. n313

The most recent round of mounting tensions was marked by a November 2011 IAEA report n314 indicating Iran may be "carrying out activities relevant to the development of a nuclear device." n315 The report was "the harshest judgment that United Nations weapons inspectors had ever issued" against Iran's program. n316 It reports that Iran is employing a variety of "research, development and testing activities ... that would be useful in designing a nuclear weapon." n317 It does not, however, provide an estimate on [\*310] how long it will be before Iran develops nuclear weapons. n318 Yet should Iran enrich its uranium to 90%, it would have enough enriched uranium for four nuclear weapons. n319 A separate report estimates that Iran could develop nuclear weapons in sixty-two days or less. n320

Following the release of the November IAEA report, the United States and Europe began a series of economic sanctions intending to derail Iran's nuclear development. n321 The sanctions target both Iran's access to foreign banks and financial institutions, as well as companies involved in Iran's nuclear, oil, and petrochemical industries. n322 These sanctions appear to have an effect on Iran's economy. n323 Iranian leaders, in response to the strains on the economy resulting from the sanctions, have been making public statements encouraging "Iranian self-reliance and resentment toward the West." n324 Iran also threatened to close the Strait of Hormuz, "a vital artery for transporting about one-fifth of the world's oil supply." n325 Some commentators believe that these "aggressive gestures" may demonstrate that Iranian leaders are responding "frantically, and with increasing unpredictability" to the sanctions. n326

In February 2012, the IAEA released another report. n327 This [\*311] report indicates Iran may not be cooperating sufficiently with IAEA, as Iran refused to grant the IAEA inspectors access to one of their nuclear sites and dismissed IAEA's November concerns because "Iran considered them to be based on unfounded allegations." n328 Most significantly, however, the report shows a dramatic increase in Iran's production of enriched uranium: a nearly 50% increase in Iran's stockpile since the IAEA's November report. n329 Iran already has enough enriched uranium to build four nuclear weapons, should it attempt to build them. n330 The report concludes by stating that the IAEA "is unable ... to conclude that all nuclear material in Iran is in peaceful activities" and "continues to have serious concerns regarding possible military dimensions to Iran's nuclear programme." n331

The summer of **2012 saw an increase in concerns over the volatility of the Israel-Iran situation**. An August 2012 IAEA report revealed that Iran has indeed completed installation of three-quarters of the centrifuges it would need to develop "nuclear fuel" in a deep underground site. n332 Further, Iran has "cleansed" a site that IAEA inspectors suspect was used to conduct "explosive experiments that could be relevant to the production of a nuclear weapon" - such a cleanup impedes the ability of IAEA inspectors to determine what work exactly had been conducted at the site. n333 These IAEA concerns have culminated in an official IAEA resolution, passed on September 13, 2012, that rebukes Iran for the continued development of its nuclear program. n334 The jump in enriched uranium production, coupled with Iran's [\*312] lack of transparency, quite rightly exacerbates international concern about "Iran's march toward nuclear-weapons capability." n335 2. Intention: Iran-Israel Tensions For almost twenty years, **Israel has asserted that Iran poses** an "existential threat" **to Israel**. n336 In 2005, President Mahmoud Ahmadinejad, at a conference entitled "The World without Zionism," made the following statement: Our dear Imam [Ayatollah Ruhollah Khomeini] said that the occupying regime must be wiped off the map and this was a very wise statement. We cannot compromise over the issue of Palestine. Is it possible to create a new front in the heart of an old front. This would be a defeat and whoever accepts the legitimacy of [Israel] has in fact, signed the defeat of the Islamic world. n337 It should be noted, however, that shortly after this speech was posted, it was removed from its original website and Iran's foreign ministry "insisted [Iran] had no intention of attacking Israel." n338 Yet the President himself insisted that his remarks were "just." n339 Ayatollah Khomeini, Iran's supreme religious leader, referred to Israel as a "cancerous tumor." n340 One scholar noted in 1996 that "Israel faces serious and unprecedented danger from Iran" stemming from "that revolutionary Islamic regime's ... unalterable commitment to destruction of the Jewish State." n341 **In Israel, top officials are openly considering** conducting **a** [\*313] preemptive strike **on Iran's nuclear program**. n342 In early November, Israel simulated a "mass-casualty attack," which prompted speculations that Israel was simulating an attack on Iran. n343 In the past, Israeli Prime Minister Benjamin **Netanyahu has asserted** that if the United States does not prevent Iran from acquiring nuclear weapons, "**Israel may be forced to attack Iran's nuclear facilities itself**." n344 More recently, Prime Minister Netanyahu and Ehud Barak, Israel's defense minister, have publicly supported an Israeli preemptive strike against Iran's nuclear program. n345 Barak has outlined three questions that Israel would have to answer in the affirmative to order to preemptively strike Iran: 1. Does Israel have the ability to cause severe damage to Iran's nuclear sites and bring about a major delay in the Iranian nuclear project? And can the military and the Israeli people withstand the inevitable counterattack? 2. Does Israel have overt or tacit support, particularly from America, for carrying out an attack? 3. Have all other possibilities for the containment of Iran's nuclear threat been exhausted, bringing Israel to the point of last resort? If so, is this the last opportunity for an attack? n346 [\*314] While Israeli leaders assert that there is no deadline to make the final decision of whether to strike and assure the public that such a decision is not imminent, Barak warned in January 2012 that "no more than one year remains to stop Iran from obtaining nuclear weaponry." n347 If Israel is to conduct a preemptive strike to take out Iran's nuclear program, they must do so before "Iran's accumulated know-how, raw materials, experience and equipment ... will be such that an attack could not derail the nuclear project." n348 This point in the Iranian nuclear program, when the program enters its "immunity zone," may be reached as early as the fall of 2012. n349 In response to these threats of preemptive strike, **Iran has in turn made threats of its own**. n350 The day after the IAEA released its February report, which indicated extensive developments in Iran's nuclear program, n351 Iran stated that any Israeli attacks on Iranian nuclear installations "will undoubtedly lead to the collapse of the [Zionist] regime." n352 **Iran has threatened retaliation through its long-range missile program**. n353 In November, **Iran also asserted it would attack NATO bases in Turkey if either Israel or the U**nited **S**tates **launched an attack against Iran**. n354 Overall, it appears that Iran does not presently have the capability to employ nuclear weapons, but the prospect of attaining this capability is growing increasingly - and worryingly - likely. Iran's intention to use these weapons against Israel is not definite or transparent, but it is still a possibility. n355 Strikingly, **the clearest Iranian threats against Israel are** seen primarily **in the context of warning Israel of the possibility of** [\*315] **retaliation against an Israeli preemptive strike**. n356 It is in this convoluted history of threat-and-reaction that it is necessary to anticipate whether an Israeli preemptive strike on Iran's nuclear program would be legal or legitimate under modern international law.

C. Analysis

Under a restrictive interpretation of the U.N. Charter, Israel would not be justified in attacking Iran's nuclear program because Iran has not yet conducted an "armed attack." n357 Yet most authorities agree that Israel would be justified in a preemptive strike against Iran if the imminence of an Iranian attack were "clear." n358 An analysis under customary international law's Caroline doctrine provides the foundation to determine whether the possibility of an Iranian nuclear attack on Israel is sufficiently imminent to justify an Israeli preemptive strike. However, as discussed in Part II.A, the present analytical framework under customary international law is vague and difficult to apply. n359 To supplement the traditional Caroline analysis, this comment will also apply the analytical framework proposed by David Sadoff, which offers clear factors to guide an analysis of whether an Israeli preemptive strike would be acceptable under modern international law. n360

1. Customary International Law

The Caroline doctrine, which underlies the customary international law analysis of anticipatory self-defense, has three prongs: necessity, proportionality, and imminence. n361 Assessing the necessity and proportionality prongs of the Caroline doctrine is straightforward for the purposes of this comment. Necessity requires that an action be "necessary to defend ... against an impending attack" and occur only after peaceful measures have [\*316] been exhausted. n362 Successfully defending against a nuclear attack requires, by its very nature, a preemptive strike because an attack would decimate a nation instantly. n363 In addition, it might be argued that peaceful measures have been exhausted if Iran continues its present course of action: non-cooperation with U.N. inspectors and apparent development of nuclear weapons, in contravention of the Non-Proliferation Treaty n364 and in spite of the international pressure of multilateral economic sanctions. Thus, for the purposes of this comment, a preemptive strike to deter the threat of nuclear attack would meet the "necessity" requirement of the Caroline doctrine.

Proportionality requires that action should not exceed what is minimally necessary to respond to a threat. n365 It would be in Israel's diplomatic interests to respond with only the minimum required to avert the threat of nuclear attack. A preemptive strike that neutralizes Iran's nuclear program and does not exceed the immediate threat to Israel to pursue "broader offensive or strategic goals" would satisfy the requirement of proportionality. n366

With the assumption that an Israeli preemptive strike would meet both the necessity and proportionality prongs of a customary international law analysis, this comment focuses on whether the threat posed by Iran is sufficiently imminent to allow an Israeli preemptive strike. As imminence is implicitly fact-based, this comment will compare the present situation to the two incidents that provide the most guidance on whether an act of anticipatory self-defense is justified: the 1967 Six Day War, in which Israel was considered justified in its defensive actions, n367 and the 1981 Israeli attack on Osirak, which was uniformly condemned. n368

As discussed in Part III.B, several threats were present in the [\*317] period leading up to the Six Day War that support the conclusion that the threat of an Egyptian armed attack on Israel was "imminent:" (1) Egypt's troops were mobilized at Israel's border, (2) Egypt was forming military ties with Israel's enemies, (3) Egypt ordered the removal of the U.N. troops who were present for conflict-diffusing purposes, (4) Egypt invoked a blockade on Israel's trade, and (5) the leader of Egypt proclaimed a goal of "destroying" Israel. As Israel's strike on Egypt's troops was generally considered to be legitimate by the international community, it is these factors, taken together, that seem to meet the "imminence" requirement of customary international law.

Israel, taken in the light most favorable to an argument for legitimacy, may face two of these Six Day War factors in the present situation with Iran. First, it is widely reported that Iranian leaders believe that Israel should be "wiped off the map." n369 This is somewhat similar to the threats by Egypt's leader that preceded the Six Day War. n370 However, other than a few well-publicized statements from public leaders, there does not appear to be any further corroborations of an intention to attack Israel. n371

Developing nuclear weapons, because of their first-strike capabilities, may be tantamount to a mobilization of troops. With nuclear capability, Iran would be able to attack Israel as swiftly as if it had a legion of troops on Israel's border. However, the mobilization of troops in the Six Day War was a threat that was unique to Israel, due to the geographical nature of the region. n372 Comparatively, there is no strong tie between Iran's nuclear program and Israel that would indicate that such a "mobilization," if it were to be considered such, would be specifically targeting Israel. The only tie that could conceivably serve as such a link is Iran's professed hatred of the Jewish state. n373 However, the remaining three factors from the Six Day War - developing [\*318] regional military ties, a blockade, and the removal of U.N. troops - are not present. The absence of these factors indicates that the threat currently posed by Iran only moderately resembles the threat posed by Egypt preceding the Six Day War.

The present situation between Israel and Iran more closely resembles Israel's attack on the Osirak reactor in 1981, which was widely regarded as an unacceptable use of force under customary international law. n374 Several factors that were considered to be insufficient to justify an act of anticipatory self-defense are present here: the development of nuclear weapons and the attendant risk of a nuclear first strike; IAEA reports indicating that Iran's nuclear program are quite possibly directed towards the development of nuclear weapons; and a high production of enriched uranium that could be intended for use in nuclear weapons. n375 However, the IAEA reports and the vast quantities of enriched uranium indicate that there may an even stronger argument for an "imminent attack" by Iran today.

The presence of these factors, without more, does not rise to the "imminence" seen in the Six Day War. First, two factors articulated by Professor Greenwood are not definitively present: n376 possession of weapons and an intention to use these weapons. The IAEA has not reported that Iran actually has, or will soon have, nuclear weapons; it merely suggests that there may be military dimensions to the nuclear program. n377 Second, though it seems clear that Iranian leaders would prefer that Israel not exist, this does not necessarily equate to an "intention" to use nuclear weapons - should they come into Iran's possession - against the Israeli state.

While Israel may have a stronger argument for imminence today than it did in 1981, the present situation bears much stronger resemblance to the 1981 Osirak incident, where imminence was clearly not found, than to the 1967 Six Day War. As the Iranian threat against Israel does not rise to the imminence required by the Caroline doctrine, an Israeli preemptive strike against Iran would not be legal under customary international law.

 [\*319]

2. Sadoff's Framework

The analytical framework proposed by David Sadoff offers an analysis of anticipatory self-defense that is significanltly less vague than analysis available under customary international law. The first component of Sadoff's framework, properly gauging the threat, is precisely the task undertaken by this comment. Sadoff's framework breaks down this component in a way that reflects and clarifies the "imminence" analysis of the Caroline doctrine. This framework analyzes the factors of (a) the nature and scale, (b) the likelihood, and (c) the timing of the threat to determine whether a threat would be sufficiently imminent to justify an act of anticipatory self-defense. n378

First, assessing the nature and scale of an Iranian nuclear attack is fairly straightforward. Israel fears facing the threat of "first strike" nuclear attack, which would leave little or no time for Israel to respond defensively once launched. n379 Israel would likely receive little to no warning of a nuclear launch. Such an attack could decimate the entirety of the Israeli state. The nature and scale of the threat is likely the gravest threat imaginable.

The "likelihood" of the attack, however, is much more ambiguous. First, the statements by Iranian leaders that demonstrate a desire to see Israel "wiped off the map," n380 though troubling, do not seem to effectively constitute a "public expression" of a "will to attack." n381 The intent of the attacker here is couched in public rhetoric. Though there are strong ideological tensions embodied in Israeli-Arab conflict that engulf the entirety of the Middle East. n382 There is little doubt that Iranian leaders would be happy to have a world without the Israeli state, this does not indicate a clear intention to launch an attack. Second, Iran does not presently have the capacity to mount the attack. n383 Though Iran is possibly on the path to achieving this capacity, n384 it [\*320] is not synonymous with being on the path to actually using nuclear weapons against Israel. There does not seem to be any certainty that a nuclear attack on Israel will occur. Thus, the present situation is not a matter of when, but of if. n385 Third, Sadoff's framework considers the international community's reaction to a nuclear attack on Israel. n386 Such a reaction would be extremely condemnatory, and would likely deter such an attack. Though Iran expresses strong anti-Israel sentiments, it has not outwardly expressed any intention to attack and does not presently have the capacity to attack.

The third factor in gauging the threat, timing, is interspersed with the likelihood factor. Sadoff suggests similar questions for the assessment of these two components. n387 This seems appropriate. If an attack is not very likely to occur, then it is moot to consider whether the timing of an attack is sufficiently immediate to justify a pre-emptive strike.

3. Considerations

Under the analyses of both the customary international law and Sadoff's frameworks, an Israeli preemptive strike on Iran would be neither legitimate nor legal. The legality afforded by the Caroline doctrine is restricted to situations where the threat of attack is imminent and the use of force employed to defend is necessary and proportionate to the threat posed. n388 Though a threat of nuclear attack would be very serious, such a threat from Iran is not presently imminent. Yet if a nuclear threat were to become "imminent" under the Caroline doctrine or "likely" under the Sadoff framework, using preemptive force to deter an attack would be justified.

Also significant to the Caroline doctrine's approach is that there are more options available to Israel than just using force. First, Israel has the option of appealing to the U.N. Security [\*321] Council, which may authorize the preemptive use of force through its Chapter VII authority. n389 Second, **the use of diplomatic pressure and international sanctions by Israel's allies** n390 **has not been exhausted, and may yet** prove successful **in subduing Iran as a nuclear threat**. **The evidence that the economic sanctions are having an effect on Ira**n, though sparking worry in some due to concerns the leaders may be acting more erratically, n391 **is actually a strong indicator that** alternatives to using force are working. VI. Conclusion There are several problems in the traditional customary international law framework of analyzing necessity, proportionality, and imminence to evaluate uses of force in anticipatory self-defense. First, the rules that govern use of force must be generally known. n392 The expansivist-restrictionist doctrinal debate concerning the strict legality of anticipatory self-defense under Article 51 creates ambiguity inunderstandings of the law. This ambiguity **undermines the ability of the international community to reach consensus in condemning or endorsing uses of force in anticipation of an armed attack**. Yet the solution cannot be found in choosing one side over the other. On one hand, adopting the restrictivist approach to Article 51 of the U.N. Charter and precluding the legality of using force in any instance not first preceded by an "armed attack" would leave nations vulnerable to first strikes that threaten state survival. n393 On the other hand, **adopting** the expansivist approach can leave too much room for using force in self-defense **where there is no actual imminence of a threatened attack**. n394

 [\*322] Second, the rules that govern use of force must be generally accepted. The current legal framework is unsuited to the realities of modern warfare, where weapons of mass destruction carry first-strike capabilities that leave no opportunity for self-defense. Modern international law must have the flexibility to recognize the right of a state to use preemptive force when it is the only defense available against an attack threatening the state's very existence. Without this flexibility, the legal order loses legitimacy. Without general acceptance of the laws that should bind, these laws lose their normative and prescriptive value. n395

Expansive overhaul of the modern international legal order is not the solution. Customary international law is established by the general practices of states, which in turn generates a collective sense of legal obligation. n396 If changes to modern international law occur too quickly and in too high a degree, it will be even more difficult for laws to be generally known. Another risk is that any large overhaul may favor the large, powerful states at the expense of states with less influence. n397 The solution should be incremental changes to the existing legal framework. This would allow the law to retain its normative value that would favor all states as equal entities under the law. Incremental changes would also allow the law to develop at a pace with which international consensus can keep up.

Incorporating legitimacy into modern international law is a priority. Legitimacy ensures the general acceptance necessary to sustain a legal order. The criteria suggested by the U.N. High-Level Panel on Threats, Challenges and Change is a good starting point. n398 The Panel encourages the U.N. Security Council to address these criteria when deciding whether to authorize or endorse the use of military force in anticipatory self-defense. n399 However, the U.N. should affirmatively endorse consideration of these criteria to member-states and to intergovernmental [\*323] organizations charged with moderating international use of force. n400 In addition, modern law should formally incorporate consideration of the normative views of both state actors and non-state actors, including the nongovernmental organizations and the press.

Furthermore, the international community needs predictability and transparency in modern international law to assure legitimacy. A clear, practicable framework for the evaluation of uses of force must be adopted. The framework proposed by David Sadoff would be a good candidate. His proposal incorporates the traditional Caroline model of analysis while also including a mode of assessment of modern day considerations, such as nuclear threats. n401 The framework lists numerous factors to consider when gauging the severity of a threat. Factors such as these will help create a clear method to evaluate use of force, which will result in predictability and transparency in future evaluations.

Under both traditional and alternative analyses, Israel would not be **presently justified** to preemptively strike Iran's nuclear program. Under the customary international law analysis, Israel would not be justified because the threat is not yet imminent: Iran has not demonstrated a clear intent to attack Israel and does not yet have the capability to carry out a nuclear attack. Under Sadoff's proposed framework, Israel would not be justified for many of the same reasons: there is not a sufficient likelihood that an attack would occur. There is room**, however,** for Israel to justify a preemptive strike **under the "preventive" self-defense approach, in which a preemptive strike may occur though the threat is more temporally removed.** n402 This demonstrates the danger inherent in adopting such an approach, which discounts the importance of anticipatory force being used only as a "last resort." An approach that strays too far from existing modern law norms runs the risk of endorsing actions that would be widely viewed as illegitimate. n403 [\*324] An additional consideration is that under a legitimacy argument, the danger that a nuclear Iran poses to global peace and security may be enough to justify a preemptive strike in order to ensure global security. Many nations have indeed spoken out against Iran's development of nuclear weapons. By several accounts, a nuclear-capable Iran would be a serious threat to the entire Middle East region and the world. n404 For example, Algerian ministers claim that once Iran achieves nuclear capability, they will share the technology with "its fellow Muslim nations." n405 **However**, this danger should not be addressed by the unilateral assessment of a paternalistic nation, such as the United States. If the threat Iran poses to global security warrants a preemptive strike, then multilateral action by the U.N. Security Council should be taken. n406 In conclusion, though it is tempting to simply "rewrite the rules" to adapt the traditional international laws to address modern day threats, **doing so would disrupt the international legal order.** **Deficiencies in the modern legal framework should be addressed** incrementally, **with** a priority given to **incorporating legitimacy and creating clear, practicable standards to evaluate use of force in anticipatory self-defense**. Such a framework would clarify the [\*325] present illegitimacy and illegality of an Israeli strike on Iran's nuclear program. Wide recognition of the illegitimacy of a strike would lead to international condemnation, thus foiling the trigger that would lead the world into World War III.

# 1AR

## at: root cause

Violence is proximately caused – root cause logic is poor scholarship

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(Matthew and Geoff, Žižek and Politics: An Introduction, p. 231 – 233)

We realise that this argument, which we propose as a new ‘quilting’ framework to explain Žižek’s theoretical oscillations and political prescriptions, raises some large issues of its own. While this is not the place to further that discussion, we think its analytic force leads into a much wider critique of ‘Theory’ in parts of the latertwentieth- century academy, which emerged following the ‘cultural turn’ of the 1960s and 1970s in the wake of the collapse of Marxism. Žižek’s paradigm to try to generate all his theory of culture, subjectivity, ideology, politics and religion is psychoanalysis. But a similar criticism would apply, for instance, to theorists who feel that the method Jacques Derrida developed for criticising philosophical texts can meaningfully supplant the methodologies of political science, philosophy, economics, sociology and so forth, when it comes to thinking about ‘the political’. Or, differently, thinkers who opt for Deleuze (or Deleuze’s and Guattari’s) Nietzschean Spinozism as a new metaphysics to explain ethics, politics, aesthetics, ontology and so forth, seem to us candidates for the same type of criticism, as a reductive passing over the empirical and analytic distinctness of the different object fields in complex societies.

In truth, we feel that Theory, and the continuing line of ‘master thinkers’ who regularly appear particularly in the English- speaking world, is the last gasp of what used to be called First Philosophy. The philosopher ascends out of the city, Plato tells us, from whence she can espie the Higher Truth, which she must then bring back down to political earth. From outside the city, we can well imagine that she can see much more widely than her benighted political contemporaries. But from these philosophical heights, we can equally suspect that the ‘master thinker’ is also always in danger of passing over the salient differences and features of political life – differences only too evident to people ‘on the ground’. Political life, after all, is always a more complex affair than a bunch of ideologically duped fools staring at and enacting a wall (or ‘politically correct screen’) of ideologically produced illusions, from Plato’s timeless cave allegory to Žižek’s theory of ideology.

We know that Theory largely understands itself as avowedly ‘post- metaphysical’. It aims to erect its new claims on the gravestone of First Philosophy as the West has known it. But it also tells us that people very often do not know what they do. And so it seems to us that too many of its proponents and their followers are mourners who remain in the graveyard, propping up the gravestone of Western philosophy under the sign of some totalising account of absolutely everything – enjoyment, différance, biopower . . . Perhaps the time has come, we would argue, less for one more would- be global, allpurpose existential and political Theory than for a multi- dimensional and interdisciplinary critical theory that would challenge the chaotic specialisation neoliberalism speeds up in academe, which mirrors and accelerates the splintering of the Left over the last four decades. This would mean that we would have to shun the hope that one method, one perspective, or one master thinker could single- handedly decipher all the complexity of socio- political life, the concerns of really existing social movements – which specifi cally does not mean mindlessly celebrating difference, marginalisation and multiplicity as if they could be suffi cient ends for a new politics. It would be to reopen critical theory and non- analytic philosophy to the other intellectual disciplines, most of whom today pointedly reject Theory’s legitimacy, neither reading it nor taking it seriously.

## --1AR FW

Predictions don’t have to be perfect, just good enough

BRUCE BUENO **DE MESQUITA**, Julius Silver Professor of Politics at New York University, July 18th, 20**11**“FOX-HEDGING OR KNOWING: ONE BIG WAY TO KNOW MANY THINGS” <http://www.cato-unbound.org/2011/07/18/bruce-bueno-de-mesquita/fox-hedging-or-knowing-one-big-way-to-know-many-things/?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+cato-unbound+%28Cato+Unbound%29>

It is hard to say which is more surprising, that anyone still argues that we can predict very little or that anyone believes expertise conveys reliable judgment. Each reflects a bad habit of mind that we should overcome. It is certainly true that predictive efforts, by whatever means, are far from perfect and so we can always come up with examples of failure. But a proper assessment of progress in predictive accuracy, as Gardner and Tetlock surely agree, requires that we compare the rate of success and failure across methods of prediction rather than picking only examples of failure (or success). How often, for instance, has The Economist been wrong or right in its annual forecasts compared to other forecasters? Knowing that they did poorly in 2011 or that they did well in some other selected year doesn’t help answer that question. That is why, as Gardner and Tetlock emphasize, predictive methods can best be evaluated through comparative tournaments.

Reliable prediction is so much a part of our daily lives that we don’t even notice it. Consider the insurance industry. At least since Johan de Witt (1625–1672) exploited the mathematics of probability and uncertainty, insurance companies have generally been profitable. Similarly, polling and other statistical methods for predicting elections are sufficiently accurate most of the time that we forget that these methods supplanted expert judgment decades ago. Models have replaced pundits as the means by which elections are predicted exactly because various (imperfect) statistical approaches routinely outperform expert prognostications. More recently, sophisticated game theory models have proven sufficiently predictive that they have become a mainstay of high-stakes government and business auctions such as bandwidth auctions. Game theory models have also found extensive use and well-documented predictive success on both sides of the Atlantic in helping to resolve major national security issues, labor-management disputes, and complex business problems. Are these methods perfect or omniscient? Certainly not! Are the marginal returns to knowledge over naïve methods (expert opinion; predicting that tomorrow will be just like today) substantial? I believe the evidence warrants an enthusiastic “Yes!” Nevertheless, despite the numerous successes in designing predictive methods, we appropriately focus on failures. After all, by studying failure methodically we are likely to make progress in eliminating some errors in the future.

Experts are an easy, although eminently justified, target for critiquing predictive accuracy. Their failure to outperform simple statistical algorithms should come as no surprise. Expertise has nothing to do with judgment or foresight. What makes an expert is the accumulation of an exceptional quantity of facts about some place or time. The idea that such expertise translates into reliable judgment rests on the false belief that knowing “the facts” is all that is necessary to draw correct inferences. This is but one form of the erroneous linkage of correlation to causation; a linkage at the heart of current data mining methods. It is even more so an example of confusing data (the facts) with a method for drawing inferences. Reliance on expert judgment ignores their personal beliefs as a noisy filter applied to the selection and utilization of facts. Consider, for instance, that Republicans, Democrats, and libertarians all know the same essential facts about the U.S. economy and all probably desire the same outcomes: low unemployment, low inflation, and high growth. The facts, however, do not lead experts to the same judgment about what to do to achieve the desired outcomes. That requires a theory and balanced evidence about what gets us from a distressed economy to a well-functioning one. Of course, lacking a common theory and biased by personal beliefs, the experts’ predictions will be widely scattered.

Good prediction—and this is my belief—comes from dependence on logic and evidence to draw inferences about the causal path from facts to outcomes. Unfortunately, government, business, and the media assume that expertise—knowing the history, culture, mores, and language of a place, for instance—is sufficient to anticipate the unfolding of events. Indeed, too often many of us dismiss approaches to prediction that require knowledge of statistical methods, mathematics, and systematic research design. We seem to prefer “wisdom” over science, even though the evidence shows that the application of the scientific method, with all of its demands, outperforms experts (remember Johan de Witt). The belief that area expertise, for instance, is sufficient to anticipate the future is, as Tetlock convincingly demonstrated, just plain false. If we hope to build reliable predictions about human behavior, whether in China, Cameroon, or Connecticut, then probably we must first harness facts to the systematic, repeated, transparent application of the same logic across connected families of problems. By doing so we can test alternative ways of thinking to uncover what works and what doesn’t in different circumstances. Here Gardner, Tetlock, and I could not agree more. Prediction tournaments are an essential ingredient to work out what the current limits are to improved knowledge and predictive accuracy. Of course, improvements in knowledge and accuracy will always be a moving target because technology, ideas, and subject adaptation will be ongoing.

Given what we know today and given the problems inherent in dealing with human interaction, what is a leading contender for making accurate, discriminating, useful predictions of complex human decisions? In good hedgehog mode I believe one top contender is applied game theory. Of course there are others but I am betting on game theory as the right place to invest effort. Why? Because game theory is the only method of which I am aware that explicitly compels us to address human adaptability. Gardner and Tetlock rightly note that people are “self-aware beings who see, think, talk, and attempt to predict each other’s behavior—and who are continually adapting to each other’s efforts to predict each other’s behavior, adding layer after layer of new calculations and new complexity.” This adaptation is what game theory jargon succinctly calls “endogenous choice.” Predicting human behavior means solving for endogenous choices while assessing uncertainty. It certainly isn’t easy but, as the example of bandwidth auctions helps clarify, game theorists are solving for human adaptability and uncertainty with some success. Indeed, I used game theoretic reasoning on May 5, 2010 to predict to a large investment group’s portfolio committee that Mubarak’s regime faced replacement, especially by the Muslim Brotherhood, in the coming year. That prediction did not rely on in-depth knowledge of Egyptian history and culture or on expert judgment but rather on a game theory model called selectorate theory and its implications for the concurrent occurrence of logically derived revolutionary triggers. Thus, while the desire for revolution had been present in Egypt (and elsewhere) for many years, logic suggested that the odds of success and the expected rewards for revolution were rising swiftly in 2010 in Egypt while the expected costs were not.

This is but one example that highlights what Nobel laureate Kenneth Arrow, who was quoted by Gardner and Tetlock, has said about game theory and prediction (referring, as it happens, to a specific model I developed for predicting policy decisions): “Bueno de Mesquita has demonstrated the power of using game theory and related assumptions of rational and self-seeking behavior in predicting the outcome of important political and legal processes.” Nice as his statement is for me personally, the broader point is that game theory in the hands of much better game theorists than I am has the potential to transform our ability to anticipate the consequences of alternative choices in many aspects of human interaction.

How can game theory be harnessed to achieve reliable prediction? Acting like a fox, I gather information from a wide variety of experts. They are asked only for specific current information (Who wants to influence a decision? What outcome do they currently advocate? How focused are they on the issue compared to other questions on their plate? How flexible are they about getting the outcome they advocate? And how much clout could they exert?). They are not asked to make judgments about what will happen. Then, acting as a hedgehog, I use that information as data with which to seed a dynamic applied game theory model. The model’s logic then produces not only specific predictions about the issues in question, but also a probability distribution around the predictions. The predictions are detailed and nuanced. They address not only what outcome is likely to arise, but also how each “player” will act, how they are likely to relate to other players over time, what they believe about each other, and much more. Methods like this are credited by the CIA, academic specialists and others, as being accurate about 90 percent of the time based on large-sample assessments. These methods have been subjected to peer review with predictions published well ahead of the outcome being known and with the issues forecast being important questions of their time with much controversy over how they were expected to be resolved. This is not so much a testament to any insight I may have had but rather to the virtue of combining the focus of the hedgehog with the breadth of the fox. When facts are harnessed by logic and evaluated through replicable tests of evidence, we progress toward better prediction.

## at: fear of death

**3. Nuclear fear is vital to prevent nuclear conflict**

**Child, 86** (James W., professor of philosophy, Bowling Green State University, “Nuclear War: The Moral Dimension,” Transaction Publishers, pg. 176, Tashma)

Likewise, **we must develop strong**, **unfrightened**, **affirmative attitudes toward** the **risk of nuclear war**. Only then can we disenthrall ourselves from myths and perhaps lessen the danger. We must see the threat of nuclear war as it is: of large but still human dimensions; a very difficult but ultimately tractable problem. But like all really important problems of human existence, the solution will come in bits and pieces to be slowly and patiently assembled: a more secure deterrent force replacing a vulnerable one here; a mutually adopted measure against accidental war there. In this painstaking process, we must dare to bear the risk of nuclear war if we are ever to make that risk go away.

**4. Fear of death solves extinction**

**Beres 96** - Professor of Political Science and International Law at Purdue University

Louis Rene, Feb., Scholar

Fear of death, the ultimate source of anxiety, is essential to human survival. This is true not only for individuals, but also for states. Without such fear, states will exhibit an incapacity to confront nonbeing that can hasten their disappearance. So it is today with the State of Israel. Israel suffers acutely from insufficient existential dread. Refusing to tremble before the growing prospect of collective disintegration - a forseeable prospect connected with both genocide and war - this state is now unable to take the necessary steps toward collective survival. What is more, because death is the one fact of life which is not relative but absolute, Israel's blithe unawareness of its national mortality deprives its still living days of essential absoluteness and growth. For states, just as for individuals, confronting death can give the most positive reality to life itself. In this respect, a cultivated awareness of nonbeing is central to each state's pattern of potentialities as well as to its very existence. When a state chooses to block off such an awareness, a choice currently made by the State of Israel, it loses, possibly forever, the altogether critical benefits of "anxiety."

**3. Life is more than just energy – Lanza's theories are nonsense**

**Myers 9** (Paul Zachary, associate professor of biology, University of Minnesota Morris, “The dead are dead,” 12/10/09, <http://scienceblogs.com/pharyngula/2009/12/10/the-dead-are-dead/>, Tashma)

**We are not just** “**energy**”. We are a pattern of energy and matter, a very specific and precise arrangement of molecules in movement. That can be destroyed. When you’ve built a pretty sand castle and the tide comes in and washes it away, the grains of sand are still all there, but what you’ve lost is the arrangement that you worked to generate, and which you appreciated. Reducing a complex functional order to nothing but the constituent parts is an insult to the work. If I were to walk into the Louvre and set fire to the Mona Lisa, and afterwards take a drive down to Chartres and blow up the cathedral, would anyone defend my actions by saying, “well, science says matter and energy cannot be created or destroyed, therefore, Rabid Myers did no harm, and we’ll all just enjoy viewing the ashes and rubble from now on”? No. **That’s crazy talk**. We also wouldn’t be arguing that the painting and the architecture have transcended this universe to enter another, nor would such a pointless claim ameliorate our loss in this universe. The rest of **his argument is quantum gobbledy-gook**. The behavior of subatomic particles is not a good guide to what to expect of the behavior of large bodies. A photon may have no rest mass, but I can’t use this fact to justify my grand new weight loss plan; quantum tunnelling does not imply that I can ignore doors when I amble about my house. **People are not particles**! We are the product of the aggregate behavior of the many particles that constitute our bodies, and you cannot ignore the importance of these higher-order relationships when talking about our fate.

## humans = valuable

**6. Link turn – sustaining *life* is necessary for people to learn to generate happiness through suffering**

**Gulla 10**

Ashok, Masters and Pre Doctoral studies in Physics, During the past fifteen years, the author has developed an interest in spirituality. His spiritual practice has been useful to know about personal values, morals, attitudes and behavior; and how these impact all of us, "How Pain and Suffering Generate Happiness," 4/12/10, http://voices.yahoo.com/how-pain-suffering-generate-happiness-5821188.html?cat=34

Every one of us fears from pain and suffering and wish to avoid it at any cost. By avoiding pain and suffering, we fail to deal with it when it falls on us. It creates suffering and unhappiness. People who understands life and its grand purpose from the perspective of spirituality, do not shun pain but deal with it. They remain resilient and calm in dealing with pain. Pain and suffering cannot be completely separated from happiness. We cannot expect to be happy all the time without in some manner suffering pain. There are number of instances when a person experiences both pain and happiness simultaneously. As we strive for something, it gives us pain but the belief that it will lead to success provides us happiness. Happiness and pain are relative. If a person is happy with a particular event or possession, the same event or possession cannot continue to make him happy. It depends on his past experience. If a person always gets good experiences, these may not keep him happy as he does not feel anything different. However, a person after suffering from some bad situation feels happy if he gets better. A businessman who suffers a loss in previous years feel satisfied on his business turning around and showing even a nominal profit. Same amount of profit will not be of any much consequence for other businessman. We notice people who suffer from some ailment and once they show slight recovery in health make them feel cheerful and happy. A normal healthy person does not feel cheerful with a better condition than the person who has recovered. Similarly, two lovers after some misunderstanding when they patch up and live together feel more happiness. Every bad situation creates more scope to generate happiness with a slight upward improvement. With pain and suffering, we feel and enjoy happiness. All happy events lose its magnetic attraction after some time, and a person will not feel anything special with these events. This is the reason that wealth, fame, health and success after some time do not create any special impact on overall happiness unless the next event is more positive than the previous one. People often think that happiness and suffering are opposites, so if something is a real cause of happiness it cannot give rise to suffering. This is not always true. If food, money, and other comforts are causes of happiness, they can never be causes of suffering; yet we know from our own experience that they often do cause suffering. For example, one of our main interests is food, but the food we eat is also the principal cause of most of our ill health and sickness. How many of us are troubled by taking food we cherish but not suitable to health. Pain and suffering is good for understanding of inner self; helps to develop capacity to be sympathetic towards others and fosters many good virtues. We suffer with pain for variety of reasons; like not being treated properly by other people; feeling uncomfortable in a relation; stress from the job and other instability in life. We may not be able to fulfill demands of our life. All these externalities affect our calmness and provide us pain. We remain unhappy with the situation and helpless as it is not easy to change external environment. In difficulty and pain, we try to see within and try to find solace in seeking help from our creator. Pain makes us realize inner need to be in remembrance with our creator. In pain our attention from outside distractions gets reduced. We fill the need of our inner self to be in remembrance of God through prayer and be in love with all other human beings. This provides us strength to face pain and our expectation level comes down. Pain modifies ego level, brings soberness in our behavior, makes us humble while dealing with others and imbibes in us good virtues of life. A person who has all the comforts finds it difficult to understand and feel the pain and suffering of others. He may not be able to generate love when everything is going fine. This is the main reason why people who have risen and become wealthy and renowned personality from humble background have been found to devote enough in philanthropy. They have understood the real values of life out of pain and suffering during early childhood; it has made them strong and determined to face the odds with courage, and helped to create a feeling of love and care for others. Pain and suffering teaches us certain lessons and can serve as a purpose in life. One obvious way is that it helps us to recognize happiness. Without suffering, we cannot have happiness, because we would have nothing to measure our happiness against. Therefore, suffering provides us with the ability to be happy and experience the good of life. Another way is that it can inspire others. When people undergo suffering, no matter what they are, they like knowing that they are not alone and that others can relate to them. These people would not be able to relate if they had not undergone suffering themselves. Hopefully the suffering person will later be able to help someone else and make that person feel happy. Let us not always think of comforts in life. It makes us feel jittery with the slightest pain. Both pain and happiness lies in our mind. We observe people who face lot to troubles in life, but still remain calm whereas another person with the slightest pain breaks down. The true happiness comes not by striving for happiness but to stand calm during pain and suffering. Great saints were able to achieve long drawn happiness and peace not by aspiring for happiness, but treating all type of pain and suffering to be divine gift. At the highest level of spiritual attainment, both pain and comforts look alike. This is the stage of inner peace and calmness. Most of us, who lack such spiritual attainment, do get impacted by pain and suffering. However, people have to develop certain level of spiritual understanding to take pain and suffering as a step forward to eternal peace and happiness.

**Death is bad – no shit**

**Kagan 12** – Professor of Philosophy @ Yale

Shelly, professor of philosophy at Yale University, "Is Death Bad for You?" 5/13/12, http://chronicle.com/article/article-content/131818/

 In thinking about this question, it is important to be clear about what we're asking. In particular, we are not asking whether or how the process of dying can be bad. For I take it to be quite uncontroversial—and not at all puzzling—that the process of dying can be a painful one. But it needn't be. I might, after all, die peacefully in my sleep. Similarly, of course, the prospect of dying can be unpleasant. But that makes sense only if we consider death itself to be bad. Yet how can sheer nonexistence be bad? Maybe nonexistence is bad for me, not in an intrinsic way, like pain, and not in an instrumental way, like unemployment leading to poverty, which in turn leads to pain and suffering, but in a comparative way—what economists call opportunity costs. Death is bad for me in the comparative sense, because when I'm dead I lack life—more particularly, the **good things** in life. That explanation of death's badness is known as the deprivation account. Despite the overall plausibility of the deprivation account, though, it's not all smooth sailing. For one thing, if something is true, it seems as though there's got to be a time when it's true. Yet if death is bad for me, when is it bad for me? Not now. I'm not dead now. What about when I'm dead? But then, I won't exist. As the ancient Greek philosopher Epicurus wrote: "So death, the most terrifying of ills, is nothing to us, since so long as we exist, death is not with us; but when death comes, then we do not exist. It does not then concern either the living or the dead, since for the former it is not, and the latter are no more." If death has no time at which it's bad for me, then maybe it's not bad for me. Or perhaps we should challenge the assumption that all facts are datable. Could there be some facts that aren't? Suppose that on Monday I shoot John. I wound him with the bullet that comes out of my gun, but he bleeds slowly, and doesn't die until Wednesday. Meanwhile, on Tuesday, I have a heart attack and die. I killed John, but when? No answer seems satisfactory! So maybe there are undatable facts, and death's being bad for me is one of them. Alternatively, if all facts can be dated, we need to say when death is bad for me. So perhaps we should just insist that death is bad for me when I'm dead. But that, of course, returns us to the earlier puzzle. How could death be bad for me when I don't exist? Isn't it true that something can be bad for you only if you exist? Call this idea the existence requirement. Should we just reject the existence requirement? Admittedly, in typical cases—involving pain, blindness, losing your job, and so on—things are bad for you while you exist. But maybe sometimes you don't even need to exist for something to be bad for you. Arguably, the comparative bads of deprivation are like that. Unfortunately, rejecting the existence requirement has some implications that are hard to swallow. For if nonexistence can be bad for somebody even though that person doesn't exist, then nonexistence could be bad for somebody who never exists. It can be bad for somebody who is a merely possible person, someone who could have existed but never actually gets born. It's hard to think about somebody like that. But let's try, and let's call him Larry. Now, how many of us feel sorry for Larry? Probably nobody. But if we give up on the existence requirement, we no longer have any grounds for withholding our sympathy from Larry. I've got it bad. I'm going to die. But Larry's got it worse: He **never gets any life** at all. Moreover, there are a lot of merely possible people. How many? Well, very roughly, given the current generation of seven billion people, there are approximately three million billion billion billion different possible offspring—almost all of whom will never exist! If you go to three generations, you end up with more possible people than there are particles in the known universe, and almost none of those people get to be born.

Only humans have the capabilities to prevent asteroid collisions and preserve life on earth

**Matheny 7** (Jason G., Special Advisor – Center for Biosecurity, “Ought We Worry About Human Extinction?”, 12-6, http://jgmatheny.org/extinctionethics.htm)

Animal life has existed on Earth for around 500 million years. Barring a dramatic intervention, all animal life on Earth will die in the next several billion years. Earth is located in a field of thousands of asteroids and comets. 65 million years ago, an asteroid 10 kilometers in size hit the Yucatan , creating clouds of dust and smoke that blocked sunlight for months, probably causing the extinction of 90% of animals, including dinosaurs. A 100 km impact, capable of extinguishing all animal life on Earth, is probable within a billion years (Morrison et al., 2002). If an asteroid does not extinguish all animal life, the Sun will. In one billion years, the Sun will begin its Red Giant stage, increasing in size and temperature. Within six billion years, the Sun will have evaporated all of Earth’s water, and terrestrial temperatures will reach 1000 degrees -- much too hot for amino acid-based life to persist. If, somehow, life were to survive these changes, it will die in 7 billion years when the Sun forms a planetary nebula that irradiates Earth (Sackmann, Boothroyd, Kraemer, 1993; Ward and Brownlee, 2002). Earth is a dangerous place and animal life here has dim prospects. If there are 1012 sentient animals on Earth, only 1021 life-years remain. The only hope for terrestrial sentience surviving well beyond this limit is that some force will deflect large asteroids before they collide with Earth, giving sentients another billion or more years of life (Gritzner and Kahle, 2004); and/or terrestrial sentients will colonize other solar systems, giving sentients up to another 100 trillion years of life until all stars begin to stop shining (Adams and Laughlin, 1997). Life might survive even longer if it exploits non-stellar energy sources. But it is hard to imagine how life could survive beyond the decay of nuclear matter expected in 1032 to 1041 years (Adams and Laughlin, 1997). This may be the upper limit on the future of sentience.[[1]](#footnote-1)[4] Deflecting asteroids and colonizing space could delay the extinction of Earth-originating sentience from 109 to 1041 years. Assuming an average population of one trillion sentients is maintained (which is a conservative assumption under colonization[[2]](#footnote-2)[5]), these interventions would create between 1021 and 1053 life-years. At present on Earth, only a human civilization would be remotely capable of carrying out such projects. If humanity survives the next few centuries, it’s likely we will develop technologies needed for at least one of these projects. We may already possess the technologies needed to deflect asteroids (Gritzner and Kahle, 2004; Urias et al., 1996). And in the next few centuries, we’re likely to develop technologies that allow colonization. We will be strongly motivated by self-interest to colonize space, as asteroids and planets have valuable resources to mine, and as our survival ultimately requires relocating to another solar system (Kargel, 1994; Lewis, 1996).

1. [↑](#footnote-ref-1)
2. [↑](#footnote-ref-2)