# 1NC

#### A. Interpretation – Statutory restrictions must directly prohibit activities currently under the president’s war powers authority – this excludes regulation or oversight

#### Statutory restrictions prohibit actions

Lamont 5 (Michael, Legal Analyst @ Occupational health, "Legal: Staying on the right side of the law," http://www.personneltoday.com/articles/01/04/2005/29005/legal-staying-on-the-right-side-of-the-law.htm#.UgFe\_o3qnoI)

It will be obvious what 'conduct' and 'redundancy' dismissals are. A statutory restriction means that the employee is prevented by law from doing the job - for example, a driver who loses his driving licence. 'Some other substantial reason' means "Parliament can't be expected to think of everything".

#### Restrictions on authority are distinct from conditions

William Conner 78, former federal judge for the United States District Court for the Southern District of New York United States District Court, S. D. New York, CORPORACION VENEZOLANA de FOMENTO v. VINTERO SALES, http://www.leagle.com/decision/19781560452FSupp1108\_11379

Plaintiff next contends that Merban was charged with notice of the restrictions on the authority of plaintiff's officers to execute the guarantees. Properly interpreted, the "conditions" that had been imposed by plaintiff's Board of Directors and by the Venezuelan Cabinet were not "restrictions" or "limitations" upon the authority of plaintiff's agents but rather conditions precedent to the granting of authority. Essentially, then, plaintiff's argument is that Merban should have known that plaintiff's officers were not authorized to act except upon the fulfillment of the specified conditions.

### 1NC

#### Text: The United States Congress should rescind all funding for the introduction of Armed Forces of the United States into missions beyond self-defense pursuant to the National Command Authority Rules of Engagement absent a legislative policy trial henceforth in the next comprehensive appropriation legislation passed by Congress. The United States federal government should publicly declare that it is the policy of the United States to not introduce of Armed Forces of the United States into missions beyond self-defense pursuant to the National Command Authority Rules of Engagement absent a legislative policy trial.

#### It’s competitive –

#### The counterplan is an appropriations restriction

Raven-Hansen 98 (Peter – Directed the The George Washington University Law School War Powers Project which wrote this report, Glen Earl Weston Research Professor of Law, George Washington University Law School, “The War Powers Resolution: Origins, History, Criticism and Reform: Chapter 9: Legislative Reform”, 1998, 2 J. Nat'l Security L. 157, lexis)

Sec. 8. Appropriations for the AND available to another by transfer.

#### Only the CP preserves authority

Taylor 96 (Ellen, 21 Del. J. Corp. L. 870 (1996), Hein Online)

The term authority is commonly AND what the agent may do.

#### Solves –

#### The power of the purse is effective at limiting the exercise of presidential war powers

Fisher 97 (Louis – Senior Specialist in Separation of Powers, Congressional Research Service, The Library of Congress, “Presidential Independence and the Power of the Purse”, 1997, 3 U.C. Davis J. Int'l L. & Pol'y 107, lexis)

Through its prerogative to AND can control the internal procedures of Congress.

#### CP avoids politics – appropriation process changes the political calculations so there’s no fight

Eggspuehler 8 (Chad M. – J.D., The Ohio State University Moritz College of Law, “The S-Words Mightier than the Pen: Signing Statements as Express Advocacy of Unlawful Action”, 2008, 43 Gonz. L. Rev. 461, lexis)

The pragmatist's argument AND constitutional legitimacy. n95

### 1NC

#### Obama’s capital means likely passage of patent reform – it will slay abusive patent troll litigation

Kravets 3/20 (David, WIRED senior staff writer, "History Will Remember Obama as the Great Slayer of Patent Trolls," http://www.wired.com/threatlevel/2014/03/obama-legacy-patent-trolls/)

But Obama will leave another gift to posterity, one not so obvious, one that won’t be felt until years after his term ends: The history ebooks will remember the AND have to go back to the House for final approval before landing on the president’s desk.

#### Obama fights the plan – strongly supports war powers

Rana 11 (Aziz – Assistant Professor of Law, Cornell Law School, “TEN QUESTIONS: RESPONSES TO THE TEN QUESTIONS”, 2011, 37 Wm. Mitchell L. Rev. 5099, lexis)

Thus, for many legal critics AND state secrecy to national security.

#### Presidential war power battles expend capital – it’s immediate and forces a trade-off

O’Neil 7 (David – Adjunct Associate Professor of Law, Fordham Law School, “The Political Safeguards of Executive Privilege”, 2007, 60 Vand. L. Rev. 1079, lexis)

a. Conscious Pursuit of Institutional AND "get institutional," Shane observes, non-judicial resolution "becomes vastly more difficult." n187

#### Capital key

Hattern 3/5 (Julian, The Hill, "Congress gets out club for patent 'trolls'," http://thehill.com/blogs/hillicon-valley/technology/199954-lawmakers-look-to-push-patent-troll-bill#ixzz2wzlCnU5g)

In December, the House overwhelmingly AND had stronger vote totals than we were necessarily expecting.”

#### Patent reform is critical to the pharmaceutical industry

Lilly 10 (Eli, October 28, “In Defense of Patent Reform,” <http://lillypad.lilly.com/public-policy/in-defense-of-patent-protection>)

A common concern expressed AND protection and incentives to invest in intellectual property

#### That undermines solutions to bioweapons

Bandow 3 (Doug, senior fellow at the Cato Institute, Policy Analysis no 475, “Demonizing Drugmakers: The Political Assault on the Pharmaceutical Industry, May 8, [http://www.cato.org/pubs/pas/pa475.pdf)\](http://www.cato.org/pubs/pas/pa475.pdf%29%5C)

Such highly visible efforts to weaken AND bulk buyer (and perhaps include certain legal liability protections), in building reasonable public stockpiles.

#### Defense doesn’t apply – engineered pathogens cause extinction

**Sandberg et al 8**—Research Fellow at the Future of Humanity Institute at Oxford University. PhD in computation neuroscience, Stockholm—AND—Jason G. Matheny—PhD candidate in Health Policy and Management at Johns Hopkins. special consultant to the Center for Biosecurity at the University of Pittsburgh—AND—Milan M. Ćirković—senior research associate at the Astronomical Observatory of Belgrade. Assistant professor of physics at the University of Novi Sad. (Anders, How can we reduce the risk of human extinction?, 9 September 2008, http://www.thebulletin.org/web-edition/features/how-can-we-reduce-the-risk-of-human-extinction)

The risks from anthropogenic hazards AND biotechnologies continue to improve at a rate rivaling Moore's Law.

### 1NC

#### The affirmative reduces the problem of executive authority to temporally distinct conjunctions of war and peace time---impact is structural violence

Mary L. Dudziak 10, chaired prof of history and pol-sci and USC, Law, War, and the History of Time, 98 Cal. L. Rev. 1669

When President George W. Bush AND arrangements to become ever more entrenched.

### Philippines

#### Trade Doesn’t solve anything

Gelpi and Greico 05, Associate Professor and Professor of Political Science, Duke University

 (Christopher, Joseph, “Democracy, Interdependence, and the Sources of the Liberal Peace”, Journal of Peace Research)

As we have already emphasized, AND of the challenger’s level of trade dependence.

**China cooperation is impossible**

**Xinbo, 12** [Wu Xinbo is Professor at the Center for American Studies, Fudan University, Forging Sino–US Partnership in the Twenty-First Century: opportunities and challenges, Journal of Contemporary China, p. UM libraries, preview available at <http://www.tandfonline.com/doi/abs/10.1080/10670564.2011.647429#preview>]

Whether China and the US can AND the means they employ.

# 2NC

#### Extinction controls framing – killing even 99.9% is drastically different

Bostrom 13 -- Professor, Faculty of Philosophy, Oxford University, Director of the Future of Humanity Institute in the Oxford Martin School (Nick, 2013, "Existential Risk Prevention as Global Priority," http://www.existential-risk.org/concept.pdf)

1. The maxipok rule Existential AND to start partying as if there were no tomorrow. That implication, while perhaps tempting, is implausible.

### Framing – General

#### Tech more dangerous than nuclear war (and warming)

Bostrom 9 -- Professor, Faculty of Philosophy, Oxford University, Director of the Future of Humanity Institute in the Oxford Martin School (Nick, 2009, "The Future of Humanity," Published in New Waves in Philosophy of Technology, http://www.nickbostrom.com/papers/future.html)

The greatest extinction risks AND section. The remaining case is that we face a cycle of indefinitely repeating collapse and regeneration (see figure 1).

## Nuke War Solves

### \*Solves Tech

#### Nuclear war survivable and stops tech development

Shulman 13 -- Research Fellow at the Singularity Institute for Artificial Intelligence (Carl, 12/9/2013, "Some notes on existential risk from nuclear war," http://lesswrong.com/lw/jb9/some\_notes\_on\_existential\_risk\_from\_nuclear\_war/)

Some may be suspicious AND comparable or greater role in long-run impacts.

#### Nuclear war creates a window of vulnerability that solves super-technology

Turchin 8 -- expert of Russian Transhumanist Movement on global risks, worked at Science Longer Life (Alexei V., 2008, STRUCTURE OF THE GLOBAL CATASTROPHE: Risks of human extinction in the XXI century)

Let's name global risk of the AND gradually, but it is irreversible doing the environment unsuitable for dwelling (global warming, a freezing, pollution).

#### No extinction and solves tech

Bostrom 13 -- Professor, Faculty of Philosophy, Oxford University, Director of the Future of Humanity Institute in the Oxford Martin School (Nick, 2013, "Existential Risk Prevention as Global Priority," http://www.existential-risk.org/concept.pdf)

Permanent stagnation Permanent AND unrecovered collapse and perhaps extinction (Figure 4).18

## Ai

### AI – Impact – 2NC

Hardy – become psychopaths – from 2014

#### AI causes extinction

Wilson 13 -- Deputy Director, Global Catastrophic Risk Institute. J.D. from Lewis & Clark Law School (Grant, 2013, "NOTE: MINIMIZING GLOBAL CATASTROPHIC AND EXISTENTIAL RISKS FROM EMERGING TECHNOLOGIES THROUGH INTERNATIONAL LAW," 31 Va. Envtl. L.J. 307, L/N)

AI poses a GCR/ER even if the AND our biological forms and be "transferred" to machines as "post-humans." n169 Overall, there is a clear GCR/ER from AI.

\*ER = Existential Risk

#### Super-intelligence causes XTC

Bilton 14 -- cites Shane Legg -- co-founder of deepmind, computer scientist and AI researcher who has been working on theoretical models of super intelligent machines, PhD thesis on Machine Super Intelligence (Nick, 1/30/2014, "With DeepMind, Google aims to improve search, not robots," Int'l NYT, L/N)

Deep Mind, in London, AND, I think **it would do so pretty efficiently**.''

### AI – Framing 2NC

#### Super-intelligence is the most likely cause of extinction

Muehlhauser 11 -- uses data from Global Catastrophic Risks by Nick Bostrom --Director of the Future of Humanity Institute, in the James Martin 21st Century School, at Oxford University -- & Milan cirkovic -- professor of Cosmology at Department of Physics, University of Novi Sad (Luke, 3/20/2011, "Potential Causes of Total Human Extinction in the Next 200 Years," http://commonsenseatheism.com/?p=14936)

Many share the view that AND looks like a drop in a puddle in comparison.

#### AI outweighs all the things

Baum 13 -- Executive Director of the Global Catastrophic Risk Institute, Ph.D. in Geography from Pennsylvania State University (Seth, 10/11/2013, "Our Final Invention: Is AI the Defining Issue for Humanity?" http://blogs.scientificamerican.com/guest-blog/2013/10/11/our-final-invention-is-ai-the-defining-issue-for-humanity/)

Humanity today faces incredible AND **likely to come first**. Still, AI safety remains an important research area.

### AI – Timeframe

#### AI will be developed in coming decades absent a global catastrophe

Legg 11 -- -founder of deepmind, computer scientist and AI researcher who has been working on theoretical models of super intelligent machines, PhD thesis on Machine Super Intelligence (Shane, 6/17/2011, "Q&A with Shane Legg on risks from AI," http://lesswrong.com/r/discussion/lw/691/qa\_with\_shane\_legg\_on\_risks\_from\_ai/)

Q1: Assuming no global catastrophe halts progress, by what year would you assign a 10%/50%/90% chance of the development of human-level machine intelligence? Explanatory remark to Q1: P(human-level AI by (year) | no wars ∧ no disasters ∧ beneficially political and economic development) = 10%/50%/90% Shane Legg: **2018, 2028, 2050**

#### AI will come this century and endanger humans

Marcus 13 -- director of the NYU Infant Language Learning Center, and a professor of psychology at New York University (Gary, 10/24/2013, "WHY WE SHOULD THINK ABOUT THE THREAT OF ARTIFICIAL INTELLIGENCE," http://www.newyorker.com/online/blogs/elements/2013/10/why-we-should-think-about-the-threat-of-artificial-intelligence.html)

But a century from now, AND Nobody really knows, but Barrat is right to ask.

### AT AI Safe / Nice

#### AI would be empathetic – that’s impossible to program

Anderson 13 -- deputy editor at Aeon Magazine, written extensively about science and philosophy for several publications, including The Atlantic and The Economist (Ross, 2/25/2013, "Omens: When we peer into the fog of the deep future what do we see – human extinction or a future among the stars?" http://aeon.co/magazine/world-views/ross-andersen-human-extinction/)

An artificial intelligence AND what it wants to in the world.’

#### AI will not have safety

Bostrom et al 13 -- Professor, Faculty of Philosophy, Oxford University, Director of the Future of Humanity Institute in the Oxford Martin School (Nick, Carl Shulman -- Research Fellow at the Singularity Institute for Artificial Intelligence, Stuart Armstrong -- research fellow at the Future of Humanity Institute, 2013, “Racing to the precipice: a model of artificial intelligence development,” http://www.fhi.ox.ac.uk/wp-content/uploads/Racing-to-the-precipice-a-model-of-artificial-intelligence-development.pdf)

We've presented AND and other disruptive technological innovations.

## Nanotech

### Nano – Extinction

#### Nanotech causes extinction

Wilson 13 -- Deputy Director, Global Catastrophic Risk Institute. J.D. from Lewis & Clark Law School (Grant, 2013, "NOTE: MINIMIZING GLOBAL CATASTROPHIC AND EXISTENTIAL RISKS FROM EMERGING TECHNOLOGIES THROUGH INTERNATIONAL LAW," 31 Va. Envtl. L.J. 307, L/N)

Currently, most apprehension over AND accidental and intentional uses.

#### Nanowars risk extinction—it allows for undetected botulism attacks.

McGaughran 10—Honors in Environmental Studies @ University of Colorado - Boulder [Jamie L. McGaughran, “FUTURE WAR WILL LIKELY BE UNSUSTAINABLE FOR THE SURVIVAL AND CONTINUATION OF HUMANITY AND THE EARTH‘S BIOSPHERE,” A thesis submitted to the University of Colorado at Boulder in partial fulfillment of the requirements to receive Honors designation in Environmental Studies, May 2010, pg. <http://citizenpresident.com/uploads/Whole_Thesis_Future_War_UnSstnble.pdf>]

Human technology is AND party (Nanotechnology: Dangers of Molecular Manufacturing, 2010). Pg. 25-26

#### Uncertainty risks nanotech arms race and war.

McGaughran 10—Honors in Environmental Studies @ University of Colorado - Boulder [Jamie L. McGaughran, “FUTURE WAR WILL LIKELY BE UNSUSTAINABLE FOR THE SURVIVAL AND CONTINUATION OF HUMANITY AND THE EARTH‘S BIOSPHERE,” A thesis submitted to the University of Colorado at Boulder in partial fulfillment of the requirements to receive Honors designation in Environmental Studies, May 2010, pg. http://citizenpresident.com/uploads/Whole\_Thesis\_Future\_War\_UnSstnble.pdf]

The final factor in this comparison AND dawning exponentially fast. Pg. 30-31

## A2: Nuke War = Extinction

### AT Nuclear War Causes Extinction

#### Minimal extinction risk from nuke war

Oman 12 -- Research Physical Scientist @ NASA Goddard Space Flight Center, Earth Sciences Division, Atmospheric Chemistry and Dynamics Laboratory(Luke, 12/5/2012, "Nuclear winter and human extinction: Q&A with Luke Oman," http://reflectivedisequilibrium.blogspot.com/2012/11/nuclear-winter-and-human-extinction-q.html)

So I asked Luke Oman for his AND **very close to 0" and "very low probability."**

#### Nuclear shelters solve nuclear extinction

Muller 12 (Jonatas, 2012, "Analysis of Existential Risks," http://www.jonatasmuller.com/x-risks.pdf)

Nuclear shelters could be AND to accommodate thousands of people.

### A2: Nuke Winter

#### Nuclear winter based on flawed models – that supervolcano wasn’t that bad

Wang 10 (Brian, 2010, "Historical SuperVolcanoes and Archeology Indicate Nuclear Winter Climate Models Exaggerate Effects," http://nextbigfuture.com/2010/04/historical-supervolcanoes-and.html)

The new work portrays a somewhat AND having to economise significantly as food resources dwindled.

## A2: Environment

### 1NC Environmental Degradation

#### No bio-d impact – the environment is super resilient

Kareiva et al 12 – Chief Scientist and Vice President, The Nature Conservancy (Peter, Michelle Marvier **--**professor and department chair of Environment Studies and Sciences at Santa Clara University, Robert Lalasz **--** director of science communications for The Nature Conservancy, Winter, “Conservation in the Anthropocene,” http://thebreakthrough.org/index.php/journal/past-issues/issue-2/conservation-in-the-anthropocene/)

2. As conservation became AND by conservationists -- places "untrammeled by man"34 -- never existed, at least not in the last thousand years, and arguably even longer.

#### -- No extinction

Easterbrook 3 (Gregg, Senior Fellow – New Republic, “We’re All Gonna Die!”, Wired Magazine, July, http://www.wired.com/wired/archive/11.07/doomsday.html?pg=1&topic=&topic\_set=)

If we're talking AND Things Past while lying in bed.

#### -- Long time-frame

Kay 1 (Jane, “Study Takes Historical Peek at Plight of Ocean Ecosystems”, San Francisco Chronicle, 7-26, Lexis)

The collapse of AND fewer seals and sea lions to eat.

### 1NC Ozone Depletion

#### -- Ozone stable – and no impact

Lieberman 7 (Ben, Senior Policy Analyst – Heritage Foundation, “Ozone: The Hole Truth”, The Washington Times, 9-19, Lexis)

Environmentalists have AND catch blind salmon."

# 2nr

### Disease

**Any mutation will lower the risk**

**MacPhee and Marx 98** (Ross, American Museum of Natural History and Aaron Diamond, AIDS Research Facility and Tulane University, “How Did Hyperdisease Cause Extinctions?”, http://www.amnh.org/science/biodiversity/extinction/Day1/disease/Bit2.html)

It is well known that lethal diseases AND **the pathogen's** ultimate **survival**.

**No extinction**

**Gladwell ‘95**, Malcolm writer for The New Yorker and best-selling author The New Republic, July 17 and 24, 1995, excerpted in Epidemics: Opposing Viewpoints, 1999, p. 31-32

Every infectious agent that AND to point out the limitations of microscopic life forms.

**Diseases are short term – They evolve to be benign and don't cause extinction**

**AMNH 98** – (The American Museum of Natural History “How did Hyperdisease cause extinctions?” http://www.amnh.org/science/biodiversity/extinction/Day1/disease/Bit2.html)

It is well known that lethal AND pathogen's ultimate survival.

**Humans will adapt**

**Gladwell 95** (Malcolm, The New Republic, July 17, Excerpted in Epidemics: Opposing Viewpoints, p. 29)

In Plagues and Peoples, which appeared in 1977. William MeNeill pointed out that…while man’s efforts to “remodel” his environment are sometimes a source of new disease. They are seldom a source of serious epidemic disease. Quite the opposite. **As humans and new microorganisms interact, they** begin to **accommodate each other.** **Human populations** slowly **build** up **resistance to** circulating **infections. What were once virulent infections**, such as syphilis **become attenuated. Over time, diseases of adults,** such as measles and chicken pox, **become limited to children, whose immune systems are still naïve.**

**No species has ever died from disease**

**Regis 97** (Ed, Author – “Virus Ground Zero”, “Pathogens of Glory”, New York Times, 5-18, Lexis)

Despite such horrific effects, Dr. **AND. Yet it's Ebola that people find "scary**"!

### A2: Ozone Loss

#### Their ozone loss arguments are obsolete and there’s no new data

Toon et al 8 (Brian Toon is chair of the department of atmospheric and oceanic sciences and a member of the laboratory for atmospheric and space physics at the University of Colorado at Boulder. Alan Robock is a professor of atmospheric science at Rutgers University in New Brunswick, New Jersey. Rich Turco is a professor of atmospheric science at the University of California, Los Angeles, “Environmental consequences of nuclear war,” Physics Today, December, Wiley Online Library via UNC Libraries)

Because the soot associated AND not yet been conducted.

#### Ozone argument is wrong – its hype

#### Martin 84 (Dr Brian Martin is a physicist whose research interests include stratospheric modelling. He is a research associate in the Dept. of Mathematics, Faculty of Science, Australian National University, and a member of SANA, SANA UPDATE, MARCH)

The next effect to which AND from ozone reductions is virtually out of the question [3].

#### No extinction from ozone – smaller effect in the southern hemisphere & reduction in high yield weapons

#### **Martin 82** (Dr Brian Martin is a physicist whose research interests include stratospheric modelling. He is a research associate in the Dept. of Mathematics, Faculty of Science, Australian National University, Current Affairs Bulletin, December, <http://www.uow.edu.au/arts/sts/bmartin/pubs/82cab/index.html>)

Calculations made in the mid-1970s assuming large nuclear arsenals with many high-yield explosions concluded that reductions of ozone could reach 50 per cent or more in the northern hemisphere, with smaller reductions in the southern hemisphere.[30] But since the number of high-yield weapons in present nuclear arsenals is now smaller, much less oxides of nitrogen would be deposited in the stratosphere by nuclear war than assumed in earlier calculations, and so significant ozone reductions are unlikely.[31]

#### No impact to UV-B

Martin 82 (Dr Brian Martin is a physicist whose research interests include stratospheric modelling. He is a research associate in the Dept. of Mathematics, Faculty of Science, Australian National University, Current Affairs Bulletin, December, <http://www.uow.edu.au/arts/sts/bmartin/pubs/82cab/index.html>)

If significant ozone AND of increased uv from ozone reduction, seems very small indeed.

#### UV-B won’t blind people or animals

Martin 82 (Dr Brian Martin is a physicist whose research interests include stratospheric modelling. He is a research associate in the Dept. of Mathematics, Faculty of Science, Australian National University, Current Affairs Bulletin, December, <http://www.uow.edu.au/arts/sts/bmartin/pubs/82cab/index.html>)

It is sometimes claimed AND warranted, as the concerns of John Hampson illustrate.

# Nuke Malthus Cards

#### -- Burn out stops disease

Lederberg 99 (Joshua, Professor of Genetics – Stanford University School of Medicine, Epidemic The World of Infectious Disease, p. 13)

The toll of the fourteenth AND balance, and it is easily disturbed, often in the wake of large-scale ecological upsets.

**Any mutation will lower the risk**

**MacPhee and Marx 98** (Ross, American Museum of Natural History and Aaron Diamond, AIDS Research Facility and Tulane University, “How Did Hyperdisease Cause Extinctions?”, http://www.amnh.org/science/biodiversity/extinction/Day1/disease/Bit2.html)

It is well known that lethal diseases can have within the host population, thus **ensuring the pathogen's** ultimate **survival**.

### A2: Enviro

#### Environment is resilient

Easterbrook 95 (Gregg, Distinguished Fellow – Fullbright Foundation, A Moment on Earth, p. 25)

In the aftermath of events AND . [I asked two colleagues] who did respond back to me, saying in general terms "very close to 0" and "very low probability."

#### No extinction

Tonn 5 (Bruce, Futures Studies Department, Corvinus University of Budapest, “Human Extinction Scenarios,” [www.budapestfutures.org/downloads/abstracts/Bruce%20Tonn%20-%20Abstract.pdf](http://www.budapestfutures.org/downloads/abstracts/Bruce%20Tonn%20-%20Abstract.pdf))

The human species faces AND to extinction with respect to single events.

#### Effects of nuclear war are exaggerated—anti nuclear authors ignore adaptation

MARTIN 84 (Dr Brian Martin is a physicist whose research interests include stratospheric modelling. He is a research associate in the Dept. of Mathematics, Faculty of Science, Australian National University, and a member of SANA, SANA UPDATE, MARCH)

Opponents of war, including AND greatly extending reserves of food.

#### No extinction—fallout, ozone, fires, and nuclear winter and warming are all wrong

MARTIN 82 (Dr Brian Martin is a physicist whose research interests include stratospheric modelling. He is a research associate in the Dept. of Mathematics, Faculty of Science, Australian National University, Journal of Peace Research, No 4, <http://www.uow.edu.au/arts/sts/bmartin/pubs/82jpr.html>)

(a) Global fallout. AND through climatic change.

### AT Nuclear Winter\*

#### Nuclear winter theory from its origins has been politically motivated and scientifically suspect

Dörries 11 [Matthias Dörries - IRIST, Université de Strasbourg, “The Politics of Atmospheric Sciences: “Nuclear Winter” and Global Climate Change”, OSIRIS 2011, 26 : 198–223, Chetan]

In the early 1980s, two papers AND of a larger political movement.82

### \*Solves Tech

#### Nuclear war survivable and stops tech development

Shulman 13 -- Research Fellow at the Singularity Institute for Artificial Intelligence (Carl, 12/9/2013, "Some notes on existential risk from nuclear war," http://lesswrong.com/lw/jb9/some\_notes\_on\_existential\_risk\_from\_nuclear\_war/)

Some may be suspicious AND e a comparable or greater role in long-run impacts.

#### Nuclear war creates a window of vulnerability that solves super-technology

Turchin 8 -- expert of Russian Transhumanist Movement on global risks, worked at Science Longer Life (Alexei V., 2008, STRUCTURE OF THE GLOBAL CATASTROPHE: Risks of human extinction in the XXI century)

Let's name global AND (global warming, a freezing, pollution).

#### No extinction and solves tech

Bostrom 13 -- Professor, Faculty of Philosophy, Oxford University, Director of the Future of Humanity Institute in the Oxford Martin School (Nick, 2013, "Existential Risk Prevention as Global Priority," http://www.existential-risk.org/concept.pdf)

Permanent stagnation Permanent AND direction toward unrecovered collapse and perhaps extinction (Figure 4).18

### AI – Timeframe

#### AI will be developed in coming decades absent a global catastrophe

Legg 11 -- -founder of deepmind, computer scientist and AI researcher who has been working on theoretical models of super intelligent machines, PhD thesis on Machine Super Intelligence (Shane, 6/17/2011, "Q&A with Shane Legg on risks from AI," http://lesswrong.com/r/discussion/lw/691/qa\_with\_shane\_legg\_on\_risks\_from\_ai/)

Q1: Assuming no global catastrophe halts progress, by what year would you assign a 10%/50%/90% chance of the development of human-level machine intelligence? Explanatory remark to Q1: P(human-level AI by (year) | no wars ∧ no disasters ∧ beneficially political and economic development) = 10%/50%/90% Shane Legg: **2018, 2028, 2050**

### Nano – Extinction

#### Nanotech causes extinction

Wilson 13 -- Deputy Director, Global Catastrophic Risk Institute. J.D. from Lewis & Clark Law School (Grant, 2013, "NOTE: MINIMIZING GLOBAL CATASTROPHIC AND EXISTENTIAL RISKS FROM EMERGING TECHNOLOGIES THROUGH INTERNATIONAL LAW," 31 Va. Envtl. L.J. 307, L/N)

Currently, most apprehension over AND accidental and intentional uses.

### Ozone

#### Their ozone loss arguments are obsolete and there’s no new data

Toon et al 8 (Brian Toon is chair of the department of atmospheric and oceanic sciences and a member of the laboratory for atmospheric and space physics at the University of Colorado at Boulder. Alan Robock is a professor of atmospheric science at Rutgers University in New Brunswick, New Jersey. Rich Turco is a professor of atmospheric science at the University of California, Los Angeles, “Environmental consequences of nuclear war,” Physics Today, December, Wiley Online Library via UNC Libraries)

Because the AND not yet been conducted.

# Paper Cards

#### Physicists are developing the tech to cause vacuum decay

Kaku 5 (Michio – American theoretical physicist, the Henry Semat Professor of Theoretical Physics at the City College of New York, Overall Bad-Ass, “ Escape From the Universe”, February, http://www.bibliotecapleyades.net/universo/cosmos01.htm)

Create a baby universe According AND still prevent a true table-top accelerator, an advanced civilization has billions of years to perfect these and other devices.

#### Vacuum decay causes the eternal destruction of the universe – outweighs all impacts

Sample 10 (Ian – worked at the Institute of Physics as a journal editor. He has a PhD in biomedical materials from Queen Mary's, University of London, “Global disaster: is humanity prepared for the worst?”, 7/24, http://www.theguardian.com/science/2010/jul/25/disaster-risk-assessment-science)

Ending it all: the threat AND structures capable of knowing joy. This possibility has now been eliminated."

### Nano – 1NC

#### We are two decades away nanotech manufacturing on a mass scale

McGaughran 10—Honors in Environmental Studies @ University of Colorado—Boulder [Jamie L. McGaughran, “FUTURE WAR WILL LIKELY BE UNSUSTAINABLE FOR THE SURVIVAL AND CONTINUATION OF HUMANITY AND THE EARTH‘S BIOSPHERE,” A thesis submitted to the University of Colorado at Boulder in partial fulfillment of the requirements to receive Honors designation in Environmental Studies, May 2010, pg. <http://citizenpresident.com/uploads/Whole_Thesis_Future_War_UnSstnble.pdf>]

Noted futurist Kurzweil speculates AND battlefield or worse, civilian areas. Pg. 16

#### Extinction – 100 million times greater than nuclear war—You should vote neg even if 99% of humanity will perish.

Ćirković 8 (Professor of Physics @ University of Novi Sad in Serbia and Senior Research Associate at the Astronomical Observatory of Belgrade [Milan M. Ćirković Ph.D. (Fellow of the Institute for Ethics and Emerging Technologies), “How can we reduce the risk of human extinction?,” Institute for Ethics and Emerging Technologies, September 17, 2008, pg. http://ieet.org/index.php/IEET/print/2606)

The risks from anthropogenic hazards AND deserve support regardless of how much one worries about extinction.

### AI – 1NC

#### AI technology is being developed now – will cause extinction

Hendry 14 (Erica R. – innovations reporter/producer, citing Yudkowsky of MIRI, “What Happens When Artificial Intelligence Turns On Us?”, 1/21, http://www.smithsonianmag.com/innovation/what-happens-when-artificial-intelligence-turns-us-180949415/?no-ist)

Artificial intelligence has come a long AND be their masters for long.

### Von Neuman Probes – 1NC

#### Von Neuman probes will be developed – spreads across the universe

Kaku No Date (Michio, “American theoretical physicist, the Henry Semat Professor of Theoretical Physics at the City College of New York, Overall Bad-Ass”, Accessed 3/18/14, http://mkaku.org/home/articles/test/)

A Von Neumann probe is AND about 100 atoms across.

#### Impact is universal destruction

Dvorsky 8 (George – Chairman of the Board at the Institute for Ethics and Emerging Technologies and is the program director for the Rights of Non-Human Persons program, “Seven ways to control the Galaxy with self-replicating probes”, 3/5, http://www.sentientdevelopments.com/2008/03/seven-ways-to-control-galaxy-with-self.html)

This conundrum was first AND such probes and would try to destroy any such device as soon as it was detected.

### 1NC – Core

#### Global war now is the only solution to global overpopulation and the destruction of the biosphere

Caldwell 1 (Joseph George – mathematical statistician and systems and software engineer, PhD degree in Statistics from the University of North Carolina, Consultant to US government agencies, state governments, corpora tions and foreign governments. Experience in many application areas, including economics, banking, health, education, social services, industrial operations research and military systems (military weapon systems analysis (US Department of Defense and Departments of the Navy, Army and Air Force) in the areas of ballistic missile warfare; naval general purpose forces; naval ocean surveillance; tactical air warfare; communications - electronics; test and evaluation; simulation and modeling; optimization and game theory; system development and automated scenario generation) , “On Saving the Environment, and the Inevitability of Global War”, 5/8, http://www.foundationwebsite.org/OnGlobalWar.htm)

So what is the solution? AND has a destiny that is little affected by individual lives.

#### Without global nuclear war – collapse is inevitable

Caldwell 3 (Joseph George – mathematical statistician and systems and software engineer, PhD degree in Statistics from the University of North Carolina, Consultant to US government agencies, state governments, corpora tions and foreign governments. Experience in many application areas, including economics, banking, health, education, social services, industrial operations research and military systems (military weapon systems analysis (US Department of Defense and Departments of the Navy, Army and Air Force) in the areas of ballistic missile warfare; naval general purpose forces; naval ocean surveillance; tactical air warfare; communications - electronics; test and evaluation; simulation and modeling; optimization and game theory; system development and automated scenario generation), “The End of the World, and the New World Order”, 3/6, http://www.foundationwebsite.org/TheEndOfTheWorld.htm)

If the industrial age continues at its present level of activity until fossil fuels exhaust, many of the biosphere’s species will be made extinct, and the risk increases that a catastrophic collapse of the biosphere (or at least a major change in the “balance of nature”) will occur. The article examines a number of different ways in which the industrial age might come to a catastrophic end prior to the exhaustion of global fossil fuel reserves. It concludes that global nuclear war is probably the most likely means, and it describes the likelihood of occurrence and expected consequences of global nuclear war.

### No Nuke Extinction – 1NC

#### No nuclear winter – It’s based on faulty data and consensus of scientists support recent models that disprove the theory

Seitz 11 [Russell Seitz was a former associate of the John M. Olin Institute for Strategic Studies at Harvard University’s Center for International Affairs, “Nuclear winter was and is debatable”, Nature. 7/1/2011, Vol. 475 Issue 7354, p37-37. 1, Chetan]

Nuclear winter was AND to numbers so unseasonably small as to call the very term ‘nuclear winter’ into question.

#### Their theories aren’t peer-reviewed and string together non-sequiter scientific domains – takes out any card by Owen Toon

Malloy 9 [Sean L. Malloy - Sean L Malloy is an assistant professor of history and member of the founding faculty at the University of California, Merced. He is the author of Atomic Tragedy: Henry L. Stimson and the Decision to Use the Bomb Against Japan. “Weathering Nuclear Winter”, American Scientist. May/Jun2010, Vol. 98 Issue 3, p242-245. 3p, Chetan]

Turco was one of a five-member team of AND United States. But the outsiders who made up the TTAPS team were the first to seriously investigate the potentially dramatic climatic effects of smoke produced by nuclear explosions.

#### Nuclear war won’t cause extinction – scientific consensus and historical analysis

Nyquist 99 (J.R., Defense Analyst, Worldnetdaily.com, May 20, 1999)

I patiently reply to these correspondents AND "cleaner." If used in airburst mode, these weapons would produce few (if any) fallout casualties.