#### Plan: The President of the United States should substantially increase the number of Employment Based Visas given to Mexican citizens to work in the aerospace industry.

## Adv 1 - Engineering

#### **Export controls prevent foreign talent from being utilized**

Air Force 7 [AIR FORCE RESEARCH LAB WRIGHT-PATTERSON AFB OH MATERIALS AND MANUFACTURING DIRECTORATE. Defense Industrial Base Assessment: US Space Industry. August 31, 2007. http://oai.dtic.mil/oai/oai?verb=getRecord&metadataPrefix=html&identifier=ADA486673]

To identify workforce issues linked to export control policies, the DOC survey asked:

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capability that cannot be met by recruiting a U.S. citizen.′′

#### The plan breaks open the vault of foreign talent—augments the workforce

National Research Council 9 [Committee on Science, Security, and Prosperity; Committee on Scientific Communication and National Security; National Research Council¶ .Beyond 'Fortress America': National Security Controls on Science and Technology in a Globalized World ( 2009 )]

RECOMMENDATION 3 The President should maintain and enhance access to the reservoir of human talent

AND

it has outlined as one of the first orders of business in 2009.

#### Green cards Key

Leech, et al, Professor of immigration law @ Albany Law School, 10

[Seth R. Leech (Partner with Whiteman Osterman & Hanna LLP and is a member of the Firm's Immigration and International Trade and Business Practice Groups) & Emma Greenwood, Graduate of the law program at Oxford University “KEEPING AMERICA COMPETITIVE: A PROPOSAL TO ELIMINATE THE EMPLOYMENT-BASED IMMIGRANT VISA QUOTA,” Albany Government Law Review, 3 Alb. Gov't L. Rev. 322, 2010]

The major problem faced by U.S. companies as a result of the

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in medicine, agriculture, biology, chemistry, and computer science.88

#### Reform Export Controls

Noble ‘8

[Michael J.(2008) 'Export Controls and United States Space Power', Astropolitics, 6: 3, 251-312]

The Cold War is over, and the world has changed, yet much of

AND

.S. export controls and better aligning export policy with national goals.

#### US Space Industry strong now

Butcher, 10

[David R. Butcher, “The Entrepreneurial Space Race,” Industry Market Trends, June 22, 2010 http://news.thomasnet.com/IMT/archives/2010/06/the-entrepreneurial-space-race.html]

Entrepreneurs have been backing space-related companies for years, but recent developments are

AND

industry and create a competitive market for supply flights to the space station."

#### Export control makes effective international cooperation is impossible in the squo, that destroys our soft space power and causes us to lag behind.

Noble, ‘8

[Michael J.(2008) 'Export Controls and United States Space Power', Astropolitics, 6: 3, 251-312]

This article assesses the impact of export policy on 21st century United States space power

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suggested herein on the basis of developing a trusted community of trading partners.

#### **Mexico has STEM students**

Johnson 12 [Tim, McClatchy DC Newspapers: Watching Washington and the Rest of the World. Bureaus in D.C., award winning and reporting for 2 centuries, 40 journalists are part of the wider McClatchy family of news men and women who work in 15 states, 30 communities and on four continents. 7/18/12 “Mexico takes flight as hub for aerospace industry” http://www.mcclatchydc.com/2012/07/18/156657/mexico-takes-flight-as-hub-for.html // JHJ]

Mexico has an edge in human capital. On a per capita basis, it

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suppliers,” Sandoval said.¶ “That’s where Mexico enters into the equation.”¶

#### **No STEM students in the US**

Russell 13 [Dave, Aerospace Industry Consultant, Advanced Technology Services (2013 Auto/Aero Site Guide) “The Perfect Storm in Aerospace Manufacturing¶ “http://www.areadevelopment.com/Aerospace/2013-Auto-Aero-Site-Guide/aerospace-manufacturing-skilled-labor-scarcity-272981241.shtml]

The American aerospace industry is running out of skilled labor, and companies are running

AND

the challenges of human capital in order to capture the opportunities for growth.

#### Aerospace companies are key to space tourism **Pelton,** Research Professor with the Institute for Applied Space Research @ George Washington University, **10**

[Joseph N. Pelton (chairs a NASA and the National Science Foundation Panel of Experts that is conducting a global review of satellite telecommunications), “A new space vision for NASA - And for space entrepreneurs too?,” Space Policy 26 (2010) pg. 78-80]

NASA – now past 50 – is well into middle age and seemingly experiencing a

AND

new course will truly be a new beginning or yet another opportunity lost.

#### Only space tourism can create the economic conditions necessary for colonization. Extinction inevitable.

Collins & Autino 10

Professor of Life & Environmental Science @ Azabu University & Systems Engineer @ Andromeda Inc., Italy [Patrick Collins (Expert in the economics of energy supply from space) & Adriano Autino, “What the growth of a space tourism industry could contribute to employment, economic growth, environmental protection, education, culture and world peace,” Acta Astronautica 66 (2010) 1553–1562]

7.2. High return in safety from extra-terrestrial settlement Investment in

AND

to be achievable only through the development of a vigorous space tourism industry.

#### Extinction Inevitable

Engdahl 2003

[Sylvia, “Space and Human Survival: My Views on the Importance of Colonizing Space,” November 3, 2003, www.sylviaengdahl.com/space/survival.htm//tjc]

A more urgent cause for concern is the need not to “put all our

AND

to expansion. If they don’t, we’ll be one of evolution’s failures.

#### multiple threats of extinction including climate change, disease, asteroids, comets, biodiversity, water, super volcanoes, and gamma ray bursts.

Schwab, 05

director of the Homeplanet Defense Institute (Martin, Homeplanet Defense: Strategic Thought for a World in Crisis, chapter 1)

We now face multiple threats to our very existence. Rapid climate change, sudden

AND

potentially catastrophic planetary threats as well as being the only preventable natural disaster.

#### Colonization reduces the chance of nuclear war and guarantees human survival even if one happens

**Stephens**, **3**

[Rex, Quantum Theorist, The Preparation, http://www.thepreparation.net/Chap6.html]

The colonization of space would moderate many of the problems associated with the nuclear war

AND

their lives better to meddle in Earth's (backward and unproductive) business.

## Adv 2 – Framing

#### Cooperative science projects like the plan make global cosmopolitanism an international necessity—the plan causes a shift in our collective mentalities.

Stuart 2009 [Jill, Dr .  Jill Stuart is LSE Fellow in Global Politics in the Department of Government at the London School of Economics and Political Science, “Unbundling Sovereignty, Territory, and the State in Outer Space”, from *Securing Outer Space,*  edited by Bormann and Sheehan]

Regime theory provides a manner of analysing sovereignty as de-linked from territory.

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the same "cosmos", meaning "order" and "universe" .

#### Empirically proven, space engenders human unity

Daley 07 (Tad, Why Progressives Should Care About Human Destiny in Space, August 11, p. 2, http://www.alternet.org/story/59310/?page=1)

And space has already shown that it can serve as perhaps the single greatest engine

AND

whole, apparently, enables one to see our planet as a whole.

#### Concentrating on ENVIRONMENTAL problems in space encourages peaceful, cooperative action as opposed to militarization

Moltz, 08 [James Clay ,Associate Professor and Academic Associate for Security Studies, , Politics of Space Security]

What emerges from this revie\v of the main conceptual roots of space policy

AND

in recent efforts at orbital debris mitigation, as will be discussed later.)

#### And, now is key—we are at a tipping point. Either you vote aff to endorse a critical cosmopolitanism or you cede control of outer space to the neo-cons.

Dickens and Ormrod 07 **– Professors at the University of Essex** (Peter and James, August 2007, “Outer Space and Internal Nature: Towards a Sociology of the University” Sociology volume 41 number 4)

This article has explored some of the past relationships between humanity’s internal nature and the

AND

which our understanding and use of outer space are contested in pivotal times.

#### Space Colonization means a consciousness shift ending conflict

Isaac Asimov, visionary genius, 1985 http://info.rutgers.edu/Library/Reference/Etext/Impact.of.Science.On.Society.hd/3/4

**I** have a feeling that if we really expanded

AND

it symbolizes what I believe in too.

The plan creates “SMART SPACE POWER,” that promotes cooperative international problem solving on numerous space issues

Sadeh, Asst Professor Space Studies @ UND, & Research Associate @ Space Policy institute @ GWU, ‘9

Eligar,

Is USA space leadership in the world effective? 6.1.

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challenges, like orbital debris proliferation and potentially hazardous near-Earth objects.