



McKendree Invitational

MODEL UNITED NATIONS



Science & Technology

1. Cyber Security
2. International Pollution and Global Climate Change
3. Energy Exploration
4. Medical Application of Stem Cell Research



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Oman

1 REFLECTING on the increased amount of communication and connectivity in the modern era, and

2
3 REALIZING that this increases amount of interaction between international peoples brings a greater
4 chance for malicious action against persons and governments, and

5
6 CALLING TO MIND the scope in which the world has put so much reliance in computers in keeping
7 vital personal, financial, economic, and commercial information, and

8
9 ALARMED that the amount of public awareness programs, advocating a safe experience on the cyber
10 interface, is not made a priority in many countries and that many still fall victim to attacks every year
11 due to unawareness, and

12
13 PREPARED to offer a solution that would prevent cyber criminals from residing in poorer countries,
14 who have little protection against cybercrime, and to eradicate the sentiment that these countries provide
15 a safe haven for their transgressions;

- 16
17 1) ADVISES that more Countries use programs such as CERT to inform civilians of the
18 dangers of using personal information online and how to avoid investing in online scams;
19
20 2) ENDORSES the creation of a committee of top professional anti-hackers and cybercrime
21 experts in order to create regulatory measures in the event of an attack;
22
23 3) PROMOTES creating programs to be used as fail-safes in the case of financial hacking and
24 cybercrime that can be used to negate the transgression in order to lessen the damage and
25 provide as a backup;
26
27 4) ENCOURAGES Giving the incentive for the UN to create secondary inert internet systems
28 that can be used to divert cybercrime from its target;
29
30 5) INSISTS that this inert system be enabled to cut off connectivity from the source, after
31 review from the UN and recommendation from the committee proposed earlier;
32
33 6) CALLS FOR a standardization of classifying cybercriminals and their actions, so that on a
34 larger scale they can be dealt with by the UN when matters of international security and
35 diplomatic relations are at hand.



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MODEL UNITED NATIONS



Topic: Cyber Security
Submitted to: Science and Technology
Submitted by: Mongolia
Spring 2016

1 EMPHASIZING that in order for the world to experience a secure feeling, advancements
2 must be made regardless of individual national financial status, and
3

4 APPRECIATING the current international improvement of cyber security in all forms, and
5

6 NOTING WITH GRAVE CONCERN the substantial threat of cyber attacks to many
7 countries involved and not involved in the United Nations, and
8

9 MINDFUL of the reforms and programs already put in place to protect from Internet hazards,
10 and
11

12 DETERMINED to help the people of all nations to rid the danger of hackers and cyber
13 warfare, and
14

15 CONSCIOUS of the lack of upkeep with the aforementioned programs, and uncertified
16 agencies taking control in these organizations to avert danger;
17

18 1) STRESSES the further implementation of laws to prevent serious cyber attacks;
19

20 2) INSTRUCTS the creation of policies to require regulated and educated committees
21 to protect against warfare in the cyber world;
22

23 3) ENCOURAGES STRONGLY cooperation between allied countries in the United
24 Nations to be wary of the dangers that may threaten their associates;
25

26 4) RECOMMENDS more sectional specific cyber security training programs to
27 educate on important issue that faces nations all across the nation with the increasing
28 possibility of cyber warfare;
29

30 5) EXPRESSES ITS HOPE for an annual International Summit that centers in on the
31 imperative development of the cyber security programs in all nations.



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MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Luxembourg

1 Acknowledging all the prior efforts by 1st world countries to help less fortunate countries make
2 technological advance that are so desperately need and,

3
4 Anticipating the future assistance 1st world countries will be willing to provide to those countries
5 behind in terms of technological development so that countries worldwide can provide the
6 security so desired by its citizens and,

7
8 Suggests that technologically advanced countries share their knowledge in regards to cyber
9 security so that all countries can achieve cyber security and,

10
11 Urges other countries to recognize the threats that are in fact at hand including terrorist threats
12 from various organizations including ISIS and,

13
14 Is fully willing to provide the following suggestions for future help desperately needed by the
15 citizens of Luxembourg;

- 16
17 1) Drawing attention to fact that cyber security is the newest frontier of war and
18 that numerous countries are in battles that force all countries to be on the
19 constant defense;
20
21 2) Hoping that all countries realize the faults that reside in the security blanket of
22 Luxembourg government;
23
24 3) Strongly suggests the acquisition of awareness in the fact that all countries can
25 be brought to their knees by the single stroke of a key from an individual or
26 group that means harm;
27
28 4) Looks forward to the potentially prosperous facet of security that Luxembourg
29 hopes to one day acquire.



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MODEL UNITED NATIONS



1/4

Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Australia

Alarmed by the fact that many nations with oil and gas resources are running out and needing to maximise industries and resources, and

Fully acknowledging the effort which has already been put forth by more developed nations in the form of important research, and

Recognizing that the exploration of energy of countries within the United Nations will improve the lives of numerous individuals and nations alike, and

- 1) Promotes the education of safety, health, and environmental precautions with each nation of energy;
- 2) Requests each nation to improve national policies for the exploration of energy to eliminate potential risks and increase benefits that may come along with exploration of new energy sources;
- 3) Invites nations to open up domestic and international borders in order to expand the knowledge of energy exploration and develop a more statured idea of ways to increase energy;
- 4) Calls upon more developed nations in the United Nations to help developing nations in their own explorations of energy through the supplies of information, research, and tools.



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MODEL UNITED NATIONS



1/5

Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Algeria

- 1 **Welcoming** specific criminal legislation through the Law for Post and
- 2 Telecommunications and the Law to prevent and combat ICT crime, as well as the
- 3 legislation and regulation for cyber security as enacted through the Law on Electronic
- 4 Signatures, and
- 5
- 6 **Endorsing** specific legislation on online children protection, and
- 7
- 8 **Appreciating** the USAID (United States Agency for International Development) in
- 9 assisting Algerian government in developing its own national CIRT (Computer Incident
- 10 Response Team), and
- 11
- 12 1. **Suggests** setting up a national cyber security agency as well as have policies and
- 13 governance decree towards cyber security;
- 14
- 15 2. **Urges** erecting an officially recognized agency that offers institutional
- 16 support for child protection and an official agency that offers access to the
- 17 reporting of incidents in relation to child protection online;
- 18
- 19 3. **Requests** high-technologically developed countries to help other nations to protect
- 20 their cyber network and assist in forming guidelines to govern online.



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MODEL UNITED NATIONS



1/6

Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Sweden

1 Aware of the fact that Cyber Security is very important for the safety of pivotal civilian,
2 financial, and military systems throughout the world, and

3
4 Alarmed by many recent security breaches that have affected the networks of numerous state and
5 civilian entities, that has allowed the private information of millions to fall into the hands of
6 those planning to use it maliciously, and

7
8 Concerned about the high security risk that occurs from the stealing of sensitive data from
9 governmental and military agencies, and

10
11 Endorsing the actions that have already taken place to strengthen Cyber Security such as the
12 sharing of advanced technology to prevent security breaches, and the increased cooperation in
13 helping to catch those breaching data networks, and

- 14
15 1) Recommends the creations of laws giving higher punishments for those convicted of
16 wrongly breaching data networks;
17
18 2) Encourages all citizens to strengthen their passwords to ensure their safety, especially
19 on accounts that would allow hackers to get personal information such as credit card
20 numbers, bank accounts, etc.;
21
22 3) Suggests that nations should warn their citizens of dangers that come along with
23 hacking and other cybercrimes, and allow the citizens the chance to protect
24 themselves if they wish to.



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MODEL UNITED NATIONS



1/7

Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Kingdom of Spain

1 Appreciating the many conveniences that the internet provides when dealing with
2 communications, markets, and the flow of information, but

3
4 Cognizant that these benefits also give hostile groups another method to attack or spy on
5 national governments, and

6
7 Recognizing that hackers can also individually target a country's citizens, posing an immense
8 threat to the peace and well-being of the global community on a micro and macro scale, and

9
10 Taking into account that since November 2014, at least 30 major United States' companies have
11 suffered a cyber-attack of some sort which stole large amounts of money, personal information,
12 or both, but

13
14 Encouraged by the efforts of organizations such as the International Telecommunication Union
15 (ITU), the Department of Economic and Social Affairs (DESA), and the United Nations
16 Commission on Science and Technology for Development for recognizing this threat and
17 attempting to eradicate it, but

18
19 Noting with regret that the current methods are not working fast enough to solve this global
20 issue, forcing this committee to take additional measures in order to remedy this dilemma, and

- 21
22 1.) Invites countries to meet together at least twice a year to discuss new cyber threats
23 and collaborate on way to protect against them;
24
25 2.) Supports any and all member nations who are willing to assist countries struggling
26 with cyber security issues;
27
28 3.) Recommends all nations educate their citizens about how to deal with cyber threats
29 through media outlets or classes;
30
31 4.) Suggests the community allocate more funds to already existing cyber security
32 groups to aid in their goals.
33



Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Islamic Republic of Iran

1 **RECOGNIZING** that cyber security is the processes, practices, and technologies that are used
2 on computers data to protect them from unauthorized access, damage, and cyber-attacks from
3 competing countries and businesses along with individual and group hackers, and
4

5 **ACKNOWLEDING** that the majority of the world's governments and economies are dependent
6 on technology and internet infrastructure, and
7

8 **AWARE** of how vast the internet is, and that it is difficult to make sure everyone is truly safe
9 when using the internet and the best way of being safe is being informed of the risk when putting
10 information of one's self on the internet, and
11

12 **COGNIZANT** that from 2012 to 2013 cybercrime has globally increased by 26 percent and that
13 data breaches average \$154 dollars per record, while the average cost per data breach has
14 reached \$3.79MM, and
15

16 **REALIZING** that breaches in cyber security of a developing nation hinder the growth of
17 industries that are key to the development of nations for things such as energy exploration, and
18 their economic stance in the world, and
19

20 **NOTING** that while global spending on mobile and network security is at \$11 billion annually
21 continually growing, and that within the next five years cyber security spending could reach
22 anywhere from \$15 billion to \$20 billion;
23

- 24 1) **STRESSES** the importance of partnership and cooperation between developed and
25 developing countries, allowing developed countries to aid developing countries in uses of
26 new technology, ideas, and research on the subject;
27
28 2) **RECOMMENDS** not only the cooperation between countries but also between
29 businesses, government, law enforcement, and the civil society within those countries;
30
31 3) **SUGGEST** nations support this coalition of organization to better educate and build
32 awareness on the threats in cyberspace, not only to inform national officials but to the
33 general public as a whole;
34
35 4) **ENCOURAGES** a means of criminal law to define and punish cyber criminals;
36 therefore, deterring cyber-related crimes as a whole.



McKendree Invitational

MODEL UNITED NATIONS



1/9

Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Chile

1 **Recognizing** that a large majority of the world's daily life and systems have become integrated
2 through the use of technology, and
3

4 **Fully aware** that all forms of security, no matter how advance, are prone to attacks and therefore
5 are prone to damages that may affect the lives of millions, and
6

7 **Alarmed by** the fact that over 200 billion dollars are lost per year in cyber-crime along with over
8 800 million individuals affected, and
9

10 **Keeping in mind** that the general population's access to malicious software has increased
11 exponentially along with the value of damages wrought by these malicious software, and
12

13 **Deeply convinced** that it is the duty of nations to take as many steps as necessary to insure the
14 safety and security of both public and private industries;
15

- 16 1) **Recommends** that in order to combat the risks to cyber security that these areas must
17 be addressed:
 - 18 a. The ease at which malware is accessible to the public;
 - 19 b. The strength of cyber defenses on all levels of federal and industrial cyber-
20 infrastructure;
 - 21 c. The punishments that are available for those who break both national and
22 international cyber law;
- 23 2) **Encourages** all nations to make some effort towards increasing their cyber security
24 standards;
- 25 3) **Expresses its hope** that nations currently engaged in cyberwarfare see these actions
26 as detriments to global cooperation and peace;
- 27 4) **Endorses** a study be implemented to measure the defenses of a country's cyber-
28 infrastructure, as well as the statistics relating to incidents occurring within the cyber
29 sector;
- 30 5) **Further invites** nations to increase their efforts in limiting the spread of malicious
31 software;
- 32 6) **Requests** that countries with some base of cyber security aid other nations who may
33 be struggling to protect its citizen's by sharing defense measures;
34



Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Iraq

1 Taking into account the importance of cyber security to enhance the protection from threats of
2 hacks and other security failures, and

3
4 Alarmed by the fact that cyber crimes cost the global economy \$400 billion per year in 2014 as
5 stated by the Center for Strategic and International Studies, and

6
7 Concerned that the rate of cyber crimes will increase resulting in more attacks and more cost to
8 the global economy, and

9
10 Noting with grave concern that 59.5% of all cyber attacks are motivated by cyber crimes. 31.1%
11 are motivated by hacktivism 6.8% by cyber espionage, 2.7% by warfare, and

12
13 Recognizing that increasing security and stabilizing the country is a priority of Iraq's foreign
14 policy, and

15
16 Realizing that 431 million adults are victims of cyberattacks globally, 14 adult victims per
17 second, which totals up to be one million victims of cybercrimes daily according to data from the
18 united nations;

- 19
20 1) Acknowledges that awareness will play a large role in cyber security and that
21 informing people will be a key in decreasing cybercrimes;
22
23 2) Draws attention to the fact that many developing nations do not have the financial
24 needs to counter cybercrimes therefore making bonds between developed and
25 developing countries could reduce the havens for cybercriminals;
26
27 3) Suggests that the United Nations hold another meeting similar to the ones previously
28 held, that brought more attention to the issue and created a "substantial and forward-
29 looking census report," according to armscontrol.org, to discuss the current issue of
30 cybercrimes and cybersecurity;
31
32 4) Recommends the sharing of information to inform as many as possible about the
33 threat of cybercrimes to increase people's knowledge about the current hazard.



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MODEL UNITED NATIONS



1/11

Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Afghanistan

- 1 AWARE of recent cyber attacks aimed towards large businesses and nations, and
- 2
- 3 ACKNOWLEDGES attacks placed on high security profiles within a database to steal
- 4 information about a subject, and
- 5
- 6 RECOGNIZES the inexperience of cyber security employees that are unaware of any
- 7 breaches that occur while on shift, and
- 8
- 9 STRESSING the fact that a large amount of cyber breaches occur when the same
- 10 password is used to gain access to many files within the account/system, and
- 11
- 12 DETERMINED to stop all scams placed upon individuals that try to get money from a
- 13 person to use for themselves or for something related to them;
- 14
- 15 1)CALLS UPON individuals to keep their passwords different to prevent a breach
- 16 in their account from happening;
- 17
- 18 2)REQUEST better training from an expert of some sort with experience for a
- 19 cyber security personnel;
- 20
- 21 3)INVITES everyone to an informational meeting to touch up on scams and
- 22 security to keep their accounts/systems hacked free;
- 23
- 24 4)DECLARES to battle against cyber dangers/violations, draft and create
- 25 debacle recovery plans for the administration and critical data foundations in
- 26 the nation;
- 27
- 28 5)CONSIDERS to build up testing and an affirmation body to institutionalize and
- 29 enhance application and programming improvement in the nation.



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MODEL UNITED NATIONS



1/12

Submitted To: Science and Technology

Topic:

Submitted By: Finland

CONCERNED with the current threat black hat hackers pose to not only the UN, but also the general public and large businesses, and

TAKING INTO ACCOUNT the lack of resources needed in order to advance cyber security in third world countries, which makes it possible for such black hat hackers to find loopholes in the legal system in order to complete cybercrimes, and

ALARMED with the current statistics as of 2015, claiming that 431 million people globally are victims of cybercrimes according to The United Nations Office on Drugs and Crime, and

AWARE that an intergovernmental expert group was set to study the topic of cybersecurity following the 12th crime congress, and

EMPHASIZING Finland's current plan of action, which will end up securing vital function against cyber-attacks and ensuring that the general population can use the internet without fear of being hacked;

- 1) REQUESTS the United Nations to create a separate organization specifically for cyber security research in hopes of preventing any irreplaceable damage being done in the future;
- 2) DRAWS ATTENTION TO the strength in the United States' cyber security, which could be easily replicated with the proper funding from the International Monetary Fund;
- 3) SUPPORTS the potential use of white hat hackers to defend countries and populations against cybercrimes, and would not look past or throw out the concept of white hat hackers despite the risk they pose.



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MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Kuwait

1 KNOWING that breaches in cyber security can harm not only government security, but both
2 corporate and personal security as well, and

3
4 MINDFUL that many countries use the internet and are therefore potential targets for breaches in
5 cyber security, and

6
7 RECOGNIZING that this new predicament places greater challenge to overcome the problem of
8 cyber security breaches both inside of and outside of a countries, and

9
10 ACCEPTING that not all members of the United Nations are able to defend against cyber
11 security breaches;

12
13 1) Encourages member nations to work cooperatively with the goal of spreading the
14 knowledge of how to increase a country's cyber security;

15
16 2) Wants the United Nations to develop a set of international internet laws, not to infringe
17 on the internal affairs of member nations, as well as clearly defined punishments for
18 violators;

19
20 3) Wishes that only international hackers be subject to the developed laws and that all in
21 country hacking be handled by the local government;

22
23 4) Asks that member nations take further steps toward cracking down on violators within
24 their countries.

1/14



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Cyber Security

Submitted By: Jordan

1 MINDFUL that cyberspace threats are becoming an ever-growing threat in modern society
2 around the world as threats have increased dramatically in the past year by as much as 40% the
3 previous year and afflicting 431 million adult victims globally or 14 victims every second, and
4

5 EMPHASIZING that cyber security is a multifaceted issue that deals with a politico-military
6 agenda regarding cyber-warfare and also the economic agenda of many nations which focuses on
7 preventing cybercrime, and
8

9 GRIEVED that recent advances in technology have given way for new methods of cyber warfare
10 which could lead to the loss of valuable and potentially dangerous information if stolen which
11 can be used for antagonizing other nations in the modern world, and
12

13 COGNIZANT of the fact that cybercrime results in the loss of trillions of dollars each year due
14 to online fraud, identity theft, lost intellectual property which undoubtedly affects millions of
15 individuals, businesses and governments across the globe, and
16

17 AWARE that there is an increasing disparity between developed and developing nations in their
18 ability to combat cyberspace threats and this is largely due to the lack of advanced defense
19 technologies which are very expensive to implement in many developing nations, and
20

- 21 1. Calls Upon developed nations to bridge the technological gap with developing nations in
22 order to prevent the easy manipulation of developing nations by cyber criminals that
23 takes place currently due to a lack of global partnership;
24
- 25 2. Confirms the need for all nations to invest in new defense techniques such as honeypot or
26 passive defenses against the threat of cyber warfare;
27
- 28 3. Deplores the possibility of building upon the Budapest Convention which seeks to
29 harmonize national criminal laws of computer crimes such as copyright infringement,
30 fraud, and breaches of network security.



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology
Topic: International Pollution and Global Climate Change
Submitted By: United Arab Emirates

1 EXPRESSING DEEP CONCERN for the increasing rate of earth's temperature, and

2
3 TAKING INTO ACCOUNT that since 1998 the world has had 15 of the hottest years ever
4 recorded, and

5
6 AWARE of the numerous effects that global warming has on each nation;

7
8 CONSIDERING the copious number of 'greenhouse gasses' that are emitted into the atmosphere
9 that have resulted in the 'greenhouse effect' thus warming our planet, and

10
11 ALARMED that our modern civilizations has raised atmospheric carbon dioxide levels from 280
12 parts per million to 400 parts per million in the last 150 years, and

13
14 APPRECIATING the UN's Kyoto Protocol and its efforts to reduce 'greenhouse gasses' by 18
15 percent from the year 1990 in the period of time from 2013 through 2020;

16
17 1) Supports the push toward ending global warming;

18
19 2) Suggests that the Kyoto Protocol is extended indefinitely;

20
21 3) Advises that there be repercussions for countries that do not meet the reduction in
22 'greenhouse gasses';

23
24 4) Requests that the UN works to place restrictions on the amount of 'greenhouse
25 gasses' produced by each country to limit the damages to our planet.



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology
Topic: International Pollution and Climate Change
Submitted By: Uzbekistan

1 HAVING CONSIDERED the reports from several prominent ecological scientists that indicate
2 the general trend of world climate has been growing warmer, and
3

4 COGNIZANT that the source of this change, as well as the change it self, is highly contested,
5 while some say it is a natural occurrence in the world's climate, and
6

7 RECOGNIZES that fossil fuels are the lifeblood of a developing economy since no other source
8 of energy is as cheap, readily available to a weak economy, and efficient as coal and they are
9 necessary for the mobilization of a workforce and economy of a nation so that it might enter
10 even the 20th century, and
11

12 AWARE that restrictions, high tariffs, and sanctions imposed on the import of coal and petrol
13 would be devastating to developing nations, and set them back decades in regards to their
14 economies, and
15

16 CONFIDENT that nuclear energy is the future of energy because uranium provides more energy
17 per pound than other sources on the order of magnitudes, and
18

19 STRESSES the need for an international effort must be made to implement promote nuclear
20 energy and engineering in nations across the world including in places that have faced
21 international sanctions, and
22

23 MINDFUL of the biological dangers posed by contaminants such as red mud, a byproduct of
24 refining aluminum ore, and chemicals, such as DDT, to the ecological structure of habitats for
25 wildlife, livestock, and people;
26

- 27 1) STRONGLY URGES the international community to remain indifferent on the
28 subject of global warming and air pollution, unless science proves otherwise;
29
- 30 2) RECOMMENDS the international community allow for nations to explore nuclear
31 technology as a means of energy production, without the threat of economic
32 destruction;
33
- 34 3) INVITES an international committee be formed to study the effect of carbon in the
35 atmosphere, fossil fuels, and potentially harmful chemicals.



Submitted To: Science and Technology

Topic: International Pollution and Global Climate Change

Submitted By: Republic of Cuba

1 **Expressing deep concern** in a projected 55% decrease in the amount of water in glaciers
2 worldwide by 2050 from 2000, an average increase of 3.41 mm of seawater every year, and the
3 ten warmest years in the last 134 occurring since 2000, and
4

5 **Endorsing** UN efforts to regulate CO₂ emissions, including the Kyoto Protocol, the Paris
6 Climate agreement, and the SE4ALL initiative to promote development of alternative energy
7 resources, and
8

9 **Aware** of the importance of electricity, which is extremely important in integration into the
10 modern world, and the many benefits it provides, ranging from lighting which allows for people
11 to work into the night, to pumping stations that allow for people to access to potable water, but
12

13 **Noting** that coal, an extremely polluting fuel, is often the prime generator of electricity in
14 developing countries, and that these countries are often unable to fund development of
15 alternative energy or lack the engineering capacity to construct systems, and
16

17 **Emphasizing further** the need for aid to developing countries to develop energy resources other
18 than fossil fuels to reduce CO₂ output, allowing for a more efficient reduction of CO₂ admissions
19 into the atmosphere, and
20

- 21 1) **Promotes** creation of fund for subsidization of the construction of alternative energy
22 facilities, such as dams, wind farms, and solar plants, in developing countries to help
23 carry out the SE4ALL initiative, supplied through the contributions of more
24 developed countries to a UN aid fund, and
25
- 26 2) **Urges** for technical programs, in which technicians and scientists can travel to
27 developing countries and help spearhead the development of alternative energy
28 resources, and
29
- 30 3) **Encourages** that, if possible, developing countries invest in Alternative energy
31 infrastructure, and
32
- 33 4) **Suggests** for the United Nations to sanction a conference on the development of
34 alternative energy resources in developing countries, to allow for international
35 dialogue on these issues, and to suggest possible solutions.
36



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science & Technology

Topic: International Pollution and Global Climate Change

Submitted By: Japan

1 **Taking note** that climate change is a term frequently used in reference to global warming due to
2 greenhouse gas emissions from human activities, and

3
4 **Recognizing** that the United Nations definition of pollution is the presence of substances and
5 heat in environmental media (air, water, land) whose nature, location, or quantity produces
6 undesirable environmental effects, and

7
8 **Noting with grave concern** that the global sea level rose seventeen centimeters in the last
9 century and has risen at double that rate within the last decade as a result of expanding sea water
10 and melting ice, and

11
12 **Alarmed** that, according to the United Nations, "Global emissions of carbon dioxide (CO₂) have
13 increased by almost 50 per cent since 1990, [and] emissions grew more quickly between 2000
14 and 2010 than in each of the three previous decades", and

15
16 **Aware** that pollution knows no borders and can be transported by wind and in water to places
17 that are protected and unlikely to be polluted directly, and

18
19 **Emphasizing** the framework of the Paris Agreement which establishes a plan to negotiate in a
20 four year round with countries regularly submitting reports on the status of their emissions in
21 order combat climate change, and

- 22
23 1) **Urges** member nation to follow through with the terms of the Paris Agreement and
24 regularly submit their updated statistics in order for researchers and scientists to
25 properly track global climate change;
26
27 2) **Suggests** the creation of a summit that welcomes all member nations and focuses on
28 fighting international pollution by discussing research, sharing successful methods
29 that led to a decrease in pollution, and devising new strategies to reduce pollution;
30
31 3) **Calls upon** nations to begin or continue to fund the UNEP (United Nation
32 Environmental Programme) as its main purpose, which is to focus solely on the
33 environment and how to protect it, allows them to set a global environmental agenda
34 and stand as the authoritative advocate of the environment.



McKendree Invitational

MODEL UNITED NATIONS



2/5

Submitted To: Science and Technology
Topic: Climate Change and International Pollution
Submitted By: Malaysia

1 **Affirming** that most nations agree that international pollution and global climate change are
2 problems; However what cannot be agreed on by nations is the way to stop the accumulation of
3 pollution and which nations should bear the burden, and
4

5 **Bearing in mind** that United Nations members realize that pollution such as carbon emissions is
6 a problem; A report by the U.N. hopes that nations will “cut carbon emissions by 20 percent by
7 2020”; Even if nations can meet this goal, the world will still be above what is considered safe,
8 and
9

10 **Mindful** that at the COP21 conference in Paris ,December 12, 2015, the U.N. proposed new
11 agreements towards climate change with a goal of clean energy and zero emissions;
12

13 **Recognizing** that climate change represents an urgent and potentially irreversible threat to
14 human societies as well as the planet in general thus this issue requires the widest possible
15 cooperation by all countries, and
16

17 **Having regarded** the U.N. acknowledges that the standards set cannot be applied by all
18 countries and may even be inappropriate to some; That some standards would also cause “
19 unwarranted economic and social costs”; The inability to set standards that would not impact
20 developing nations’ economies will continue to cause nations to be unable to comply with
21 standards set forth;
22

- 23 1. **Recommends** that other nation-states to continue to follow in accordance with the Paris
24 Accords to reduce carbon emissions;
25
- 26 2. **Requests** that member nations should also focus on educating the population on energy
27 conservation and environmental issues;
28
- 29 3. **Repeats** that Global climate change and International pollution is a threatening issue, and
30 we hope to work with international communities to improve carbon emissions and to
31 improve air quality not only for Malaysia but for the whole world
32
- 33 4. **Suggests** cooperation of all member nations in reducing carbon emissions
34
- 35 5. **Applauds** the work completed at COP21
36
37



Submitted To: Science and Technology
Topic: International Pollution and Global Climate Change
Submitted By: Lithuania

1 **ALARMED** at the surprising rate at which co2 levels are rising in Earth's atmosphere, and

2
3 **AWARE** of the fact that most of worldwide co2 emissions are man-made due to activities such
4 transportation, the burning of fossil fuels and, foresting, and

5
6 **NOTING** the effects global warming has on evapotranspiration, the movement of water into the
7 atmosphere from land and water surface and plants which causes increased drought and
8 expansion of dry lands, and

9
10 **EXPRESSING DEEP CONCERN** that all agriculture depends largely on steady water
11 supplies, and an increased climate is likely to disrupt those supplies through floods and drought,
12 and

13
14 **HAVING REGARDED** the fact that limiting man-made international climate warming to 2
15 degrees Celsius higher than the preindustrial level is too large and would make Earth's
16 inhabitants and plant life subjects to irreversible harm;

- 17
18 1) **CALLS UPON** nations to enact a reward established cap and trade method for their
19 country;
20
21 2) **REQUESTS** that member states hold an yearly summit, the purpose being to enlighten
22 other member states of the most successful practices and sharing resources and
23 technologies to help protect present and future generations from climate change;
24
25 3) **SUGGESTS** that nations create a standard procedure for gradually reducing usage of
26 fossil fuels whilst growing their use of alternative energy resources such as hydroelectric
27 power plants, solar energy, and wind energy;
28
29 4) **URGES** member states to create media campaigns in order to endorse the vulnerabilities
30 of international pollution and global climate change and educational campaigns to
31 support the declined use of fossil fuels;
32
33 5) **RECOMMENDS** that member states sign the KYOTO protocol that obligates member
34 states to dwindle greenhouse gases emissions;
35
36 6) **STRONGLY ENCOURAGES** member states to develop alternative energy resources
37 best suited to meet the needs of their citizens.



McKendree Invitational

MODEL UNITED NATIONS



2/7

Submitted To: Science and Technology
Topic: International Pollution and Climate Change
Submitted By: Netherlands

1 **Alarmed by** the increase in Earth's temperature of 1.5 degrees Fahrenheit over the past century
2 and the expected increase in global temperatures between 2.5 degrees and 10.4 degrees
3 Fahrenheit by the year 2100, and

4 **Convinced** that the primary cause of climate change is human activity such as the burning of
5 fossil fuels and deforestation, and

6 **Pointing out** the impact that climate change has made on all ecosystems such as intense
7 droughts which threaten crops, fresh-water supplies, and wildlife, and

8 **Emphasizing** the effects of greenhouse gases in the atmosphere, oceans are becoming warmer
9 and more acidic, ice caps are melting, and sea levels are rising, and

10 **Taking into account** that air pollution can damage all plants, bodies of water, animals,
11 buildings, and monuments as well as put all people who have respiratory issues at risk, and

12 **Alarmed** that pollution of the water, air, and soil combined with other environmental factors is
13 the cause of 40 percent of deaths worldwide each year, and

14 **Noting with deep concern** that the ozone layer is rapidly deteriorating due to the release of
15 pollution containing the chemicals Chlorine and Bromine which allows large amounts of ultra
16 violet rays to reach Earth, which can lead to skin cancer and cataracts in humans and harm
17 animals, and

18 **Applauds** environmental agencies such as the United States' Environmental Protection
19 Agency's (EPA) Clean Air Act which protects public health and welfare and regulates the
20 emissions of harmful air pollutants, and

21 1. **Urges** all member nations to find solutions to reduce pollution for this is an issue
22 effecting the entire world not just a select few countries;

23 2. **Recommends** reducing deforestation for timber harvesting in the tropics alone
24 contributes to 1.5 billion metric tons of carbon to the atmosphere;

25 3. **Suggests** member nations research ways to replace fossil fuels such as ethanol derived
26 from crops;

27 4. **Invites** member nations to consider a cap and trade system to reduce the amount of
28 pollutants released into the atmosphere.



McKendree Invitational

MODEL UNITED NATIONS



2/8

Submitted To: Science and Technology

Topic: International Pollution and Global Climate Change

Submitted By: Chad

1 Alarmed by the fact that the World Health Organization stated that in 2012 one in every eight deaths, seven
2 million total, were linked directly to the effects of air pollution alone, making it the world largest
3 environmental health risk, and
4

5 Taking Into Account that tropical deforestation accounts for 10% of the world's total heat-trapping emissions,
6 which are directly linked to global climate change, and
7

8 Mindful of the roughly 60% of the world's emissions are from the developing nations who often have little to
9 no regulations to lessen their emissions, and
10

11 Expressing Deep Concern that air pollution alone can cause problems such as chronic obstructive pulmonary
12 disorder, lung cancer, emphysema, and asthma as well as decrease lung functions, accelerate aging in the
13 lungs, or shorten lifespans overall, and
14

15 Realizing that the earth's temperature has increased around 2 degrees in the past century, and is projected to
16 rise as much as 9 more degrees in the next century, causing major damage to the polar ice caps and raising
17 water levels to dangerous levels, and
18

19 Mindful of the fact that soil erosion and deforestation are stripping away the land that we live on, as well as
20 erosion can take away soil and pollute or contaminate other areas with polluted land as well as cause
21 environmental dangers such as landslides;
22

- 23 1) Recommends nations follow the U.S.'s lead with the Clean Air Act developed by the Environment
24 Protection Agency to regulate emissions of pollutants, cut ground level ozone, phase out chemicals
25 that deplete our ozone layer, reduce lead in gasoline and reduce the main pollutants found in acid rain;
26
- 27 2) Invites nations to look into Reducing Emissions from Deforestations and Forest Degradation (REDD),
28 a program that offers incentives for developing nations to reduce carbon emissions through sustainable
29 goals;
30
- 31 3) Requests nations to attend the United Nations Framework Convention on climate change to
32 a) Join the Kyoto Protocol to set an international binding emission reduction target
33 b) Obtain information on gas emissions as well as learn about nations' policies and practices
34 c) Create strategies nationwide and worldwide
35 d) Provide possible technological and financial strategies to developing nations
36 e) Finding new ways to adapt to the impact of global climate change;
37
- 38 4) Suggests nations to promote deforestation-free products and practices among populations, especially
39 among consumers, businesses, and governments;
40
- 41 5) Urges nations to support the Paris Agreement (2015) that lays out a less-structured plan, similar to the
42 Kyoto Protocol, that leads the way to reduce heat-trapping emissions for both developed and
43 developing nation.



McKendree Invitational

MODEL UNITED NATIONS



2/9

Submitted To: Science and Technology

Topic: International Pollution and Global Climate Change

Submitted By: Brazil

1 Taking into Account that international pollution due to human activity is a major cause of global
2 climate change, and

3
4 Noting that, on average, the global temperature is rising by 1.4 degrees Fahrenheit every year,
5 and

6
7 Realizing that the atmospheric carbon dioxide level is the highest it has been in the entirety of
8 the earth, and

9
10 Recognizing that international pollution comes in many forms such as: air pollution, water
11 pollution, radiation, landfills, and other human waste and emissions, and

12
13 Aware that the increase in air pollution is a contributing factor to global climate change and the
14 warming of the earth, and

15
16 Alarmed by the evidence of rapid climate change such as a rise in sea level, a rise in global
17 temperature, ocean acidification, decline of arctic ice, and the warming of the ocean;

- 18
19 1) Calls Upon all nations to help in efforts to minimize pollution as this is an issue that
20 pertains to the entire world, not just certain countries;
21
22 2) Promotes the use of alternative fuels such as wind, solar, and geothermal in order to
23 reduce emissions due to fossil fuels and natural gas;
24
25 3) Encourages nations that do not have or plan to have laws and regulations in place to
26 help limit the output of pollutants to consider making and enacting such laws;
27
28 4) Congratulates nations who have taken measures to reduce the emissions of
29 greenhouse gases and other pollutants coming forth from their country;
30
31 5) Urges nations to work together in order to reduce pollution on a global level so as to
32 reduce the rate at which the earth's climate is changing.



McKendree Invitational

MODEL UNITED NATIONS



2/10

Submitted To: Science and Technology

Topic: International Pollution and Global Climate Change

Submitted by: Democratic People's Republic of Korea

1 STRESSING that over 95% of the world's climate scientist agree that climate change exists and
2 that the warming of the world's temperatures is caused by human use and abuse of fossil fuels,
3 and
4

5 BEARING IN MIND that pollution and climate change in developing nations can completely
6 negate or reverse the tide of modernization in states that find industrialization as a necessary step
7 for progress, and
8

9 REGOGNIZING numerous attempts by the Supreme People's Assembly of North Korea to limit
10 emissions of carbon dioxide such as the limiting of personal transportations in the 1990s and the
11 environmental protection act of 1986, and
12

13 NOTING WITH GRAVE CONCERN that global climate change has led to rain shortages never
14 before seen in Korea, and historic agricultural difficulties for our nation's farmers, and despite
15 these difficulties we continue to improve agricultural output due to our environmentally friendly
16 methods in the DPRK, and
17

18 TAKING INTO ACCOUNT that both parasitic infection and tidal flooding are increasing as
19 temperatures increase throughout the world potentially destroying world economies who rely on
20 agronomy, and
21

22 EMPHASIZING that no developed capitalistic societies, who continue to make their decisions to
23 increase fossil fuel consumption, will be adversely affected by their own poor choices before
24 developing nations like the DPRK will be harmed by adverse affects addressed in previous
25 clauses like tidal flooding, droughts, famine, increases in parasitic infection, and soil
26 contamination;
27

- 28 1) DEMANDS that nations who have polluted and continue to pollute the world's
29 atmosphere be forced to pay damages, and for this fee not to be worded as *foreign aid*
30 but be called for what it is, a fine;
31
- 32 2) CALLS UPON developing nations to withdraw from traditional free market
33 influences that will only denigrate developing nation's value;
34
- 35 3) CONDEMNS all capitalistic economies that continue to ignore the plights that have
36 been caused by them at the expense of nations who cannot afford to defend
37 themselves against the vast array of side-effects caused by the overuse of fossil fuels.



Submitted To: Science and Technology

Topic: Energy Exploration

Submitted by: Nigeria

RECOGNIZING energy exploration's enormous effect in today's economy and the future of the world and that energy exploration is highly competitive and extremely important to maintaining the great fuel needs of the world, and

EMPHASIZING that energy exploration and its various mediums- such as businesses and corporations- employ millions of people worldwide, and

TAKING NOTE that the most common form of energy exploration today is the search for oil and gas, and that drilling for and extracting those substances can endanger ecosystems and geographic locations, and

STRESSING the importance of safe and eco-friendly energy exploration, as inefficient or haphazard procedures can be harmful to many, in order to protect and maintain the earth and the resources that the human race depends upon;

- 1.) **ENDORSES** the devotion of countries' resources to the research of safe and efficient energy exploration, as well as encouraging and helping industries to utilize green methods of both searching for and extracting energy sources;
- 2.) **ENCOURAGES** the formation of an international conference open to all and any nations that wish to attend in order to discuss such topics as:
 - a.) any breakthroughs in energy exploration in order to encourage safe practices, the sharing of new technology, and cooperation between countries;
 - b.) discussing and designing a general process that may be used by countries and industries to regulate and improve the safe and eco-friendly discovery and extraction of fuels,
 - c.) how to aid smaller and less developed countries in their own energy exploration to maintain an international standard for not only energy exploration but also in aiding other countries;
- 3.) **REQUESTS** that all nations remain mindful that the improvement of energy exploration will help protect the earth and help form a safer and more economically viable planet.



Submitted To: Science and Technology
Topic: Energy Exploration
Submitted By: Andorra

NOTING the evolution of options in terms of power supply and the furthering of research/development of said options, and

GRAVELY CONCERNED of the fact that while fossil fuels as of 2013 consist of about 78.4% of the world's energy consumption, these sources account for 60% of total greenhouse emissions, and

OBSERVING that currently clean energy sources are not cost-efficient on the open market, and the idea of fully replacing fossil fuels with cleaner sources are goals for the future but not the present, and

COGNIZANT of goal seven of the U.N.'s sustainable development goals which emphasizes improving the efficiency of current power sources while focusing on making clean energy possible to rely on, and

HEEDING the fact that many countries are actually implementing renewable energy sources such as 20% of Denmark's energy coming from wind and 83% of Brazil's energy coming from hydroelectric dams, and

- 1.) **ENCOURAGES** the subsidization of clean energy by governments as this would encourage the use of energies such as solar and therefore increasing the need for research, improvement, and the lowering of prices due to the influx of demand for these energy sources;
- 2.) **ADVISES** that efforts at maximizing the efficiency and encouraging the use of natural gas to be put in place as it is the most environmentally friendly as its carbon emissions can be up to 50% less than coal while also being affordable;
- 3.) **REQUESTS** that wealthier countries able to make more scientific progress than less off countries share these developments in an effort to promote innovation in the fields that otherwise may not have occurred;
- 4.) **RECOMMENDS** that the U.N. be the spearhead of energy research, this will insure fluid exchange of all information that could lead to the betterment of the world as a whole, and it would be a way to focus on an organized effort;
- 5.) **SUGGESTS** efforts of making energy more affordable through improvements of manufacturing methods and research as one in five people lack access to modern electric.



McKendree Invitational

MODEL UNITED NATIONS



3/3

Submitted To: Science and Technology

Topic: Energy Exploration

Submitted By: United Kingdom

1 **Considering** the fact that the world needs to explore the possibilities of energy and use them to
2 good use for problems in their countries, with the assistance of the United Nations the United
3 Kingdom can use energy to fix pollution issues and many other problems that have torn this
4 world, and
5

6 **Emphasizing** that if energy is used for good use like solar power it could power many small
7 towns that don't have any, energy is limitless and could lead to endless possibilities for the
8 world, and
9

10 **Acknowledging** as a nation to deeply consider the following points for energy exploration and of
11 the many ways it can help others, and
12

- 13 1. **Seeking** to help modernize the world further by exploring the possibilities of energy and
14 how we can use the energy to further our intelligence of what is possible and what isn't,
15 and
16
- 17 2. **Stressing** the help of millions of people who don't have power in their homes, also could
18 figure out a way to switch gas with energy, and
19
- 20 3. **Respecting** the content on this letter and hope with the cooperation of the United Nations
21 we can change the world.
22
23



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Sci Tech
Topic: Energy Exploration
Submitted By: Rwanda

1. ANXIOUS for more renewable resources of energy and a higher quality of power, Rwanda has begun to raise awareness for the growing issue of utilizing non-renewable resources, and
- 2.
3. BELIEVING that there are more plausible ways to power the world's needs, Rwanda has also begun to hold global convention, such as the oil summit in March, 2015, and
- 4.
5. CONSIDERING the possibility of their efforts having no lasting effects on other nations, they have made several public announcements stating their views on the matter;
- 6.
7. 1) URGING the importance of finding other, renewable sources of energy,
- 8.
9. 2) INVITING the help of others,
- 10.
11. 3) RECOMMENDING these others to take part and assist with this issue,
- 12.
13. 4) REITERATING the importance of finding other energy sources, and
- 14.
15. 5) ENCOURAGING fellow nations to embark on energy explorations together.



Submitted To: Science and Technology

Topic: Energy Exploration

Submitted By: Sudan

1 RECOGNIZING that a 80% of the world's energy consists of fossil fuels such as coal and oil,
2 and

3
4 ACKNOWLEDGING that it is estimated that the world will run out of oil in roughly 40 years
5 and that day is rapidly approaching, and

6
7 CONSCIOUS that many renewable resources, such as hydropower and solar power, can be used
8 as an alternate form of energy and at the same time be more ecofriendly than oil, and

9
10 TAKING INTO ACCOUNT that when countries flood the oil market, they do help the
11 consumers with the lower prices but at the cost of crushing the economies of multiple oil
12 exporting nations;

- 13
14 1) ENCOURAGES nations to slowly start switching from oil being a main source of energy
15 to using renewable resources, such as hydropower and solar power, as a major source of
16 energy;
17
18 2) CALLS UPON developed nations to financially aid developing nations install the
19 renewable energy plants;
20
21 3) SUGGESTS developed nations place economic sanctions on countries that flood the oil
22 market to show that this behavior is unacceptable and hurts millions of people.



McKendree Invitational

MODEL UNITED NATIONS



3/6

Submitted To: Science and Technology

Topic: Energy Exploration

Submitted By: Israel

1 EMPHASIZING the fact that eventually the world will run out of fossil fuels to create
2 power and that we need to look for an alternate energy source and in order for it to work
3 the more develop nations will have to help the under developed nations transfer over to
4 an alternate energy source, and

5
6 FULLY ACKNOWLEDGING that the change must be over time and that it is impossible
7 to just simply stop using fossil fuels, it must be a gradual change, and

8
9 NOTING WITH DEEP CONCERN that if the world does not change its source of energy
10 we will eventually run out and fall into chaos, and

11
12 TAKING INTO ACCOUNT the economical toll it will take on nations that rely on
13 fossil fuels to fuel their economies, and

14
15 AWARE of the amount of money it will take to accomplish this and that the price of
16 power will possibly increase over time;

- 17
18 1) ENCOURAGES STRONGLY that more developed nations share their
19 information and discoveries with less developed or third world nations;
20 2) SUGGESTS that member nations move to renewable energy sources to
21 replace fossil fuels such as coal and oil, nations could also turn to wind, solar, and
22 biomass energy such as hydrogen fuel;

- 23
24 3) WELCOMES any ideas for alternate and or renewable energy sources.
25



Submitted To: Science and Technology

Topic: Energy Exploration

Submitted By: Chad

1 Realizing that dependence on fossil fuels cause many environmental issues such as, water, land and air
2 pollution, climate change, acid rain, smog, oil spills, as well as the steady decrease of our ozone layer, and
3

4 Expressing Deep Concern that although environmental issues are polluting our land and destroying arctic ice
5 caps, oil companies continue to use oil reserves, and hectically search for untapped sources with little regard to
6 the environment, and
7

8 Stressing the increasing need for energy is growing to sizes that will extinguish the last reserves of oil and
9 economically cripple most nations, and
10

11 Alarmed that many nations are putting more money into drilling for possible oil sources instead of researching
12 alternative energy sources, or ways to make oil more efficient before our reserves become fully tapped, and
13

14 Emphasizing that fossil fuels are being extracted and used at such alarming rates that reserves will be drained
15 completely within the next few decades and without creating renewable forms of energy, it will take millions
16 of years to replace our fossil fuel sources, leaving nations that rely on fossil fuels to become crippled, and
17

18 Conscious that coal mining, oil drilling, and deforestation practices are creating an ecological imbalance, and
19 are quickly destroying the environment that sustains life as we know it;
20

- 21 1) Recommends nations follow the United States led in the Half the Oil Plan (2012), stated to be a
22 "realistic plan to cut projected US oil use in half over 20 years", by improving vehicle, home and
23 business efficiency that could potentially save 8 million barrels of oil per day;
24
- 25 2) Urges nations to start researching and implementing alternative energy resources to reduce pollution
26 and climate change as well as lessen dependency on fossil fuels and other non-renewable energy
27 sources;
28
- 29 3) Instructs nations take advantage of the all-time low prices of Solar PV costs as it has fallen 50% in the
30 last 5 years alone;
31
- 32 4) Suggests nations consider working toward more efficient, clean fuels, or implementing sustainable
33 biofuels, electric or fuel-cell technologies into vehicles;
34
- 35 5) Applauds Delta Stream for their unveiling of tidal generators that are being built in the UK as a form
36 of alternative energy to harness the power of the tides as well as greatly reduce carbon emissions;
37
- 38 6) Confirms that solar energy is the cleanest, and most abundant resources available and with the steady
39 price drop of solar technology, due to advances, it may become the most efficient renewable source
40 available;
41
- 42 7) Requests nations harness wind energy due to its cost efficient, clean renewable qualities that pay off
43 after its high initial investment value.



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Energy Exploration

Submitted By: Jordan

1 AWARE that the use of global energy has increased significantly and has risen 70 percent in the
2 past 30 years in which most of that energy is coming from traditional energy sources such as
3 electricity and fossil fuels, and
4

5 EXPRESSING DEEP CONCERN that by the year 2010, half of the total 2 trillion barrels
6 amount of oil that could originally be found in Earth before commercial production began have
7 been depleted and that by the year 2030, oil production will begin to slow due to an international
8 lack of resources, and
9

10 MINDFUL of the great disparity that lies between the use of clean energy between developed
11 and undeveloped nations and this is due to the fact that many undeveloped nations don't have the
12 technology or funding to be able to produce clean energy to benefit their people and the world;
13

- 14 1) Commends every effort put forth by nations to use renewable sources of energy such as
15 hydro-electric power, tidal power, wood/biomass power, fusion, ocean thermal energy
16 conversion, solar, wind, or wave energies;
17
- 18 2) Deplores the international use of alternative energy sources which would be personalized
19 and based on the geographic and climatic conditions of each nation to produce the most
20 beneficial alternative energy source;
21
- 22 3) Calls Upon developed nations to help fund and support undeveloped nations in research
23 and implementation of alternative energy where they are the least prevalent;
24
- 25 4) Emphasizes the need for a gradual, but yet inevitable shift toward a completely green
26 global economy where all energy is renewable and is not harmful to the planet which
27 supports all nations.

3/9



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Energy Exploration

Submitted By: Malawi

1 EXPRESSING DEEP CONCERN that the world has been exceedingly dependent on fossil fuels
2 as a main source of energy, and
3

4 ALARMED by the multiple setbacks fossil fuel-based forms of energy bring the planet,
5 including air pollution, global warming contribution, the destruction of flourishing ecosystems,
6 human health hazards, and prospective oil spills, and
7

8 CONCERNED by the avid reliance on fossil fuels despite its quality of being a non-renewable
9 resource, and
10

11 GRIEVED by a continued reliance on nuclear energy, despite its obvious complications
12 evidenced by the Chernobyl and Three Mile Island disasters, and
13

14 RECOGNIZING that efforts have been made to combat these issues, such as the adoption of
15 wind turbines, solar panels, and tidal generators, but realizing these actions are simply not
16 enough, and
17

18 KEEPING IN MIND that a global effort has to be made to seek out renewable, safer methods of
19 energy production to cease the world's reliance on fossil fuels and nuclear production as a main
20 energy source;
21

- 22 1) Promotes worldwide research and testing to invent new forms of energy production
23 that are not hazardous to the planet's climates and ecosystems;
24
- 25 2) Calls upon the renouncement of employing fossil fuels and nuclear energy production
26 as chief forms of energy creation by nations worldwide;
27
- 28 3) Stresses the expansion of eco-friendly energy producers, including wind turbines,
29 solar panels, and tidal and wave power by nations around the world;
30
- 31 4) Suggests the institution of regulations that mandate the adoption of solar energy cells
32 in able households of first-world countries;
33
- 34 5) Implores that increased funding be provided to nations expanding their
35 environmentally-friendly energy sources to help provide outlets for increased
36 research and production.



McKendree Invitational

MODEL UNITED NATIONS



4/1

Submitted To: Science and Technology

Topic: Medical Applications of Stem Cell Research

Submitted By: Saint Vincent and the Grenadines

1 **EMPHASIZING** the fact that, globally, there are approximately 4,620 new cases of cancer and
2 1,630 deaths to cancer a day, and that stem cell research can help reduce deaths per year with not
3 only cancer but other diseases and injuries, and
4

5 **STRESSING** the fact that, more than 350,000 babies are born a day globally, and parents have
6 the option to save their babies umbilical cords in a bank for their family, or they can donate it for
7 stem cell research, and
8

9 **FULLY ACKNOWLEDGING** that stem cell research has progressed and continues research
10 studies, already stem cells are being used to treat heart disease and leukemia, and researches still
11 have a long journey to control the regulation of stem cells, and
12

13 **EMPHASIZING FURTHER** that the potential is overwhelmingly positive, and with continued
14 support, scientists will harness the full power of stem cells to help with diseases that you or a
15 loved one could suffer from one day, and
16

17 **PROMOTES** using stem cell research to cure Parkinson's disease, Alzheimer's disease, heart
18 diseases, stroke, diabetes, birth defects, spinal cord injuries, replacing or repairing damaged
19 organs, and using stem cells to play a major roll in curing cancer;
20

21 1) **STRESSES** the importance of saving people from the diseases that take loved
22 ones from us every day;
23

24 2) **PROMOTES** doctors everywhere to explain to the parents of babies the importance
25 of donating their babies umbilical cords for stem cell research;
26

27 3) **SUGGESTS** to have parents everywhere donate their babies umbilical cords for
28 scientific research of stem cell research to prevent diseases and injuries.
29
30
31



McKendree Invitational

MODEL UNITED NATIONS



4/2

Submitted To: Science and Technology

Topic: Medical Applications of Stem Cell Research

Submitted By: The People's Republic of China

1 **MINDFUL** that the topic of overall stem cell or embryonic cell research study and use is one of the largest
2 controversies, both politically and morally in the world today, and

3
4 **BRINGING TO ATTENTION** that such studies of both iPS and embryonic stem cells has already yielded an
5 incredible amount of medical advancement, and

6
7 **DEEPLY AWARE** that many countries, if at all, only consider the study of iPS cells, adult stem cells that have
8 been genetically reprogrammed to be pluripotent, to be morally sound, and

9
10 **NOTES** that embryonic stem cells are pluripotent when labs receive them and therefore can be grown to be any cell
11 labs need for researching, acting in a fraction of the time it takes to reprogram iPS cells, and

12
13 **REALIZING** that China, on the grounds of stem cell research and particularly embryonic cell research, is
14 considered to have some of the most relaxed policies, both legally and culturally, in the world, which has resulted in
15 many Western stem cell research labs moving their base of studies to China, and

16
17 **APPRECIATING** that many leading countries such as China and the United States has already devoted upwards of
18 US\$100 million (648 million Chinese Yuan) to US\$3 billion (19.5 billion Chinese Yuan) to stem cell research in
19 this decade;

- 20
21 1.) **IMPLORES** all countries to familiarize themselves with the advantages of stem cell research
22 and reconsider possible funding;
23
24 2.) **RECOMMENDS** that the general populist should be educated about the use and need for
25 embryonic stem cells to help remove a cultural or moral disposition;
26
27 3.) **CALLS UPON** the United Nations to create a set of strict guild lines as it pertains to stem
28 cell research;
29
30 4.) **STRONGLY SUGGESTS** that all embryos to be used for stem cell research come only
31 from;
32
33 a) Spared Gamate or Blastocyst after In Vitro Fertilization procedures have been
34 completed, and
35
36 b) Fetal cells from accidental, spontaneous or voluntary abortions, and
37
38 c) Blastocyst or Parthenogenetic Split Blastocyst obtained only by Somatic cell Nuclear
39 Transfer technology, or
40
41 d) Germ cells voluntarily donated;
42
43 5.) **URGES** the forbidding of any research that is aimed at human reproductive cloning.
44



Submitted To: Science and Technology

Topic: Medical Applications of Stem Cell Research

Submitted By: United States of America

1 Recognizing that scientists from around the world have made discoveries concerning stem cells
2 that could potentially cure many health problems, such as cancer, diabetes, severe burns, and
3 neurological diseases, given their ability to create specialized cells, and
4

5 Conscious of the United Nations Declaration on Human Cloning passed by the Sixth Committee
6 in 2005 that prohibits human cloning and “the application of genetic engineering techniques that
7 may be contrary to human dignity”, and
8

9 Bearing in mind that the previously stated declaration does not specifically condemn stem cell
10 research; it only condemns using stem cells to clone humans, and
11

12 Aware of the two different types of stem cells, embryonic and adult, and the controversy that
13 surrounds the extraction of embryonic, and
14

15 Mindful that embryonic-like stem cells can also be found in amniotic fluid and the amniotic
16 membrane and the extracting of amniotic is virtually harmless to an embryo, and
17

18 Stressing that each nation has a right to its own views of embryonic stem cell research and the
19 method as to which the stem cells are obtained for research, and
20

- 21 1) Expresses appreciation to the World Health Organization for their continued support
22 of stem cell research;
23
- 24 2) Urges nations to support all types of stem cell research and lift their ban to allow
25 private research regarding stem cell extraction;
26
- 27 3) Suggests that nations not conducting research on embryonic stem cells investigate
28 methods of research that protect human dignity, such as researching stem cells taken
29 from adults and amniotic fluid;
30
- 31 4) Calls upon nations willing to fund stem cell research invest in not only researching
32 the potential medical applications of stem cells, but to also dedicate resources to
33 finding safer and less controversial ways to obtain stem cells;
34
- 35 5) Expresses hope that nations will share scientific results and breakthroughs with
36 scientists from other nations with the goal of finding treatments for illnesses that
37 plague people of all nations.



McKendree Invitational

MODEL UNITED NATIONS



4/4

Submitted to: Science and Technology

Topic: Medical Applications of Stem Cell Research

Submitted by: Libya

1 RECOGNIZING that stem cell research is vital for future victims of strokes and for those
2 that are paralyzed, and
3

4 REALIZING that collaboration between all the countries in the GME would make
progress

5 for stem cell research progressive at a higher rate, and
6

7 NOTING that many in the public are in great support for stem cell research and that their
8 should be more funding spent into stem cell research, and
9

10 ALARMED that the people in some countries have only heard of stem cells and even
less
11 are well informed;
12

13 1) URGES countries to bring their citizens more information and to raise
14 awareness for stem cell research;
15

16 2) ENCOURAGES countries to spend a little more funding on labs and research
17 funds;
18

19 3) IMPLORES that more developed countries help research stem cell research;
20

21 4) WELCOMES any suggestions to help further advancement towards stem cell
22 research.



Submitted To: Science & Technology
Topic: Medical Application of Stem Cell Research
Submitted By: Ukraine

1 **Taking into account** most industrialized nations have a ban or restrictions on stem research
2 addressing human reproduction with moderate approval of stem cell research for medical or cure
3 research of current and widespread ailments, but
4

5 **Realizing** the international community cannot come to an international agreement on stem cell
6 research due to differing beliefs and national sovereignty, and
7

8 **Expressing deep concern** for nations, particularly developing, lacking stem cell policies leading
9 to much criticism by the international medical community, and
10

11 **Alarmed** many doctors have conducted unethical and unorthodox procedures regarding stem cell
12 research and medical application of stem cells possibly endangering their patients to negative
13 side effects such as tumors often recorded in cases when stem cells have been used inaccurately,
14 and
15

16 **Welcoming** international cooperation to support whatever regulations and policies established or
17 in need of establishment in developing countries or states with weak funding, and
18

19 **Appreciating** norms already well accepted by the international community like the ban on
20 human cloning with stem cells along with the further dialogue and complementing opinions of
21 nations in the debate of stem cell research in 2002, and
22

- 23 1) **Reiterates** the need for more international support for fledgling states in the development
24 of regulations enforced upon its stem cell research;
25
- 26 2) **Notes with interest** medical pursuits in producing artificial stem cells and pushes for it to
27 be more common to avoid ethical circumstances of extraction of stem cells from fetal
28 tissue;
29
- 30 3) **Requests** international catalog of offenders of laws pertaining to use of stem cells
31 without legal consent to warn future patients of theirs;
32
- 33 4) **Urges** for measures for protecting or compensating consumers of medical application
34 with stem cells resulting in life endangering side effects.



McKendree Invitational

MODEL UNITED NATIONS



4/6

Submitted To: Science and Technology

Topic: Stem Cell Research

Submitted By: Germany

1 TAKING NOTE that stem cells were discovered in 1981, made from human embryos in 1998,
2 and can be used for mainly human cloning and as a possible cure for cancer, and

3
4 HAVING REVIEWED the first meeting on banning human cloning in 2002 and noting the
5 number of states voting to ban human cloning and how human cloning can and will negatively
6 affect states because human cloning will lead to a high spike in the population and a state will
7 not be able to accommodate for that spike, and

8
9 EXPRESSING DEEP CONCERN that 1 in 3 people will be diagnosed with cancer in their
10 lifetime and that there is no formal committee for states dedicated to research stem cell's impact
11 on curing cancer,

12
13 RECOGNIZING that most states are unable to research stem cells because of their lack of
14 medical programs and lack of funding causing devolved states having to research stem cells
15 although most devolved states are not researching stem cells, and

16
17
18 1) URGES other states already researching stem cells to continue their research stem
19 cells;

20
21 2) REQUESTS that the United Nations establish a subcommittee to,

22 A. Monitor all states researching stem cells to make sure they are not researching
23 human cloning,

24 B. Provide an established system of communication between nations for
25 communicating new stem cell discoveries and,

26 C. To properly dispose any state's research regarding human cloning;

27
28 3) ASKS the United Nations to issue a moratorium on all forms of human cloning
29 whether the cloning is through stem cells or not and all states that have an research on
30 human cloning to turn their research over to the newly created committee;

31
32 4) CALLS UPON all states to research and promote any research that is being conducted
33 on stems cells to find a cure for cancer.



McKendree Invitational

MODEL UNITED NATIONS



417

Submitted To: Science and Technology

Topic: Medical Applications of Stem Cell Research

Submitted By: Argentina

1 **REALIZING** the untapped potential and medical usefulness of stem cell medication, which
2 include the possibility of regenerating limbs, and
3

4 **AWARE** of the moral issues with many ways of harvesting stem cells, such as the human
5 embryo, that cause uproar amongst numerous societies, and
6

7 **STRESSING** that stem cells have shown great medical applications and saved many lives when
8 used, providing unlimited bridges towards the medical field fixing multiple defects across all
9 regions of the human body, and
10

11 **WELCOMING** the political and scientific improvements made available by any research
12 performed that aid in the moral improvement of said research for persons of all nations, and
13

14 **CONFIDENT** that the will be made in the near future to make stem cell research a safer and
15 more effective form of medical attention to the point that many countries may begin to approve
16 in the use of stem cells, and the coinciding research;
17

- 18 1. **DIRECTS** nations to consider the implementation of stem cells research due to scientific
19 progressions;
20
- 21 2. **RECOMMENDS** that nations work together to create a fund for the furthering of stem
22 cell research around the world;
23
- 24 3. **CONFIRMS** many scientific discoveries on the basis that stem cells are beneficial to the
25 to the medical community;
26
- 27 4. **INVITES** member nations to establish a pact to combine scientific endeavors to further
28 enhance stem cell advancements;
29
- 30 5. **APPLAUDS** the efforts of scientists look for way to obtain stem cells from fully grown
31 adults without harming them in the process.



Submitted To: Science and Technology
Topic: Medical Applications Stem Cell Research
Submitted By: Russian Federation

RECOGNIZING that the use of stem cells to treat serious diseases such as Alzheimer's, multiple sclerosis, cancer, has been showing promising results and that bone marrow transplants that use stem cells have already been in action for fifty years, and

NOTING that embryonic stem cells come from embryos that are left over from in vitro fertilization (IVF) and that these potentially life-changing cells would just be thrown away as biological waste and these cells can be used for any variety of healing purposes due to their pluripotent nature, and

TAKING INTO ACCOUNT that stem cells, once gathered, can be reproduced in a laboratory setting on an indefinite basis, which appeases those who believe gathering stem cells from human hosts is unethical, and

EMPHASIZING that the ethical and religious beliefs of everyone should be respected in regards to stem cell research and that if member nations do not wish to support stem cell research, that is their right that will be respected by the United Nations, and

ACKNOWLEDGING that many of the facts about stem cell research have been shrouded in misinformation and that the true facts about stem cell research should be revealed to all nations that wish to become more advanced so that the truth about this amazing technology can be shared and benefited from, and

CONCERNED that funding of researching stem cells is severely lacking and that to further the world's advancement in medical technology, all nations should open their minds to the idea of supporting stem cell research both ideologically and economically;

- 1) RECOMMENDS that correct, unbiased, information be presented to all nations at the high level political forum of the review of the 2030 Agenda for Sustainable Development and that a conclusive approach be reached as to the implementation of stem cell research laws;
- 2) SUGGESTS that financial incentives be included in the aforementioned laws provided by NGOs that support stem cell research, such as Gene Bandhu, so as to encourage stem cell research throughout the world, which can greatly increase the treatment options for incurable diseases;
- 3) REITERATES that the use of stem cells is vital to the advancement of the world's medical technology and that using stem cells is not only safe, but also incredible in the potential medical applications that they possess;
- 4) EXPRESSES THE BELIEF that national sovereignty of all nations be respected in the creation of stem cell research laws and that if a nation does not want to partake in research, then no sanctions will be brought upon that nation.



Submitted To: Science and Technology

Topic: Stem Cell Research

Submitted By: France

1 RECOGNIZING that stem cells are unspecialized cells found in living things and
2 develop into other cells by means of growth and repair and can be manipulated to become
3 tissue or organ specific cells and help in the treatments of once incurable diseases and
4

5 NOTING Stem cell research is one of the most promising fields of biotechnology and
6 medicine and the discovery of these cells' potential has created hope and proven results
7 for treatment of diseases like Alzheimer's and Parkinson's, cardiovascular disease, spinal
8 cord injury and organ transplants and
9

10 AWARE OF the controversial topic that is Stem Cell Research and the ethical issues
11 surrounding it and the halted funding from many private and public sources , brings the
12 attention of the International Bioethics Committee (IBC) whose mission is to deal with
13 the "social, cultural, legal, and ethical implications" that arise from today's scientific and
14 medical advancements by raising awareness the principles of human rights and
15

16 MINDFUL of other countries and nation's view on Stem Cell Research and the various
17 ways of obtaining embryonic cells to promote the protection of human dignity and
18 the promotion of human rights
19

- 20 1) URGES countries to establish laws and regulations regarding Stem Cell
21 Research and include provisions that allow law makers to revise and modify them
22 periodically in response to advances in science and medicine;
23
- 24 2) SUGGESTS the creation of a Summit with scientists from the International
25 Bioethics Committee to discuss the recent and current scientific and medical
26 advancement underway to create more up to date regulations regarding Stem Cell
27 Research to maximize scientific research and results;
28
- 29 3) EMPHASIZING the need for stricter control over research and ethical guidelines
30 in order to preserve life and not sacrifice morality for the sake of science;
31
- 32 4) ENCOURAGES countries to harvest stem cells from other sources besides human
33 embryos to conduit research such as extracting adult stem cells located throughout
34 the body after development, using aborted human fetuses and surplus embryos
35 from in vitro fertilization (IVF) with consent of both parties so the destruction of
36 life does not hinder in the moral conscious of scientific research and avoids
37 ethical issues.

4/10



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Stem Cell Research

Submitted By: Maldives

1 Emphasizing the importance of human rights, from conception to natural death, and

2
3 Understanding the evils of embryonic stem cell research as a violation of these human rights, and

4
5 Being aware that other options for research on stem cells are available on animal cells such as

6 mice, and
7
8 Cognizant that adult stem cells, although with less differentiation potential than embryonic cells,

9 are abundant and are an adequate replacement for embryonic stem cell research, and

10
11 Noting with grave concern that this blatant violation of human rights deeply offends followers of

12 the will of Allah as well as Christians;

13
14 1) Calls upon the United Nations to publicly condemn embryonic stem cell research as a

15 violation of human rights;

16
17 2) Strongly Suggests that individual countries place laws against the use of embryonic

18 stem cell research;

19
20 3) Urges the United Nations to give opportunities for animal and adult stem cell to

21 researchers;

22
23 4) Draws attention to the large portion of the religious world that opposes embryonic

24 stem cell research.

4/11



McKendree Invitational

MODEL UNITED NATIONS



Submitted To: Science and Technology

Topic: Stem Cell Research

Submitted By: Bahrain

1 Recognizing the delicate balance of maintaining respect for human embryos and taking
2 advantage of the potential of stem cell research, and
3

4 Cognizant that there are substitutions to obtaining Stem Cells instead of the embryo including the
5 promising adult Stem Cell research, and
6

7 Mindful that Stem Cell Research offends people and certain religions including Islam,
8 Christianity, Judaism, as well as others, and
9

10 Expressing deep concern that Stem Cell Research could be used for immoral purposes;
11

12 1) Demands that international laws be placed against the use of certain types of embryonic
13 stem cell research;
14

15 2) Supports Stem Cell research of other animals that would be used for humans;
16

17 3) Requests that the United Nations creates a group of researches for the sole purpose of
18 studying adult Stem Cells.

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