

First Name Last Name

May 15, 2020

Communication 120

MW 11-12:15

Persuasive Speech Sample Outline

General Purpose: To persuade

Specific Purpose: To persuade my audience that the US legislature should reduce restrictions that prevent scientists from conducting ethical tests on animals.

Central Idea: The US legislature should reduce restrictions that prevent scientists from conducting critical and ethical tests on animals.

I. Introduction

A. **Attention Getter:** Covid-19, a global pandemic, has brought the world to its knees, millions have been infected, 100's of thousands have died and will die if scientist don't find a cure. We are living through a worldwide crisis and every solution must be on the table including animal testing.

B. **Controversy and Significance Statement:** While many have abused animals in the pursuit of cosmetic research, ethical animal testing has allowed for great advancements for humanity and could be the solution to our current pandemic.

C. **Credibility Statement:** However, as a concerned citizen, I am dismayed by the ignorance around what animal testing really is.

D. **Thesis:** and thus, the US legislature should reduce restrictions that prevent scientists from conducting ethical tests on animals.

E. **Preview Statement:** In order to advance my proposition I will first show how ethical animal testing has helped humanity. Next, why animals make great test subjects. And finally we will dive into solutions on a political and social level.

II. Main Point 1: Contrary to popular belief, animal is not just for cosmetics, but has been used to advance human health.

A. **Internal Preview:** Specifically, it has been used to discover vaccines and to treat life-threatening illness.

B. Frederick Banting discovered insulin to treat diabetes.

1. **Nobelprize.org** has recorded that Banting discovered insulin by modifying and removing the pancreas of different dogs.

2. This gives my mother a way to treat an otherwise fatal disease.

C. Jonas Salk found a vaccine for polio,

1. **The Chemical Heritage Foundation reports:** “Salk developed methods for growing large quantities of the three types of polioviruses on cultures of monkey kidney cells. He then killed the viruses with formaldehyde. When injected into monkeys, the vaccine protected them against paralytic poliomyelitis.
 2. My mother also used Salk’s vaccine to cure her childhood polio.
- D. Louis Goodman and Alfred Gilman pioneered chemotherapy.
1. **The Yale School of Medicine describes** its alumni’s experiments saying, “Louis S. Goodman, MD and Alfred Gilman, PhD, began to study the effects of nitrogen mustard on lymphoma. Early studies in mice showed dramatic regression of the disease, which was confirmed in further studies in rabbits”
 2. My best friend Chris survived testicular cancer because of Goodman and Gilman.
- E. **Summary Statement:** Ultimately, without testing on animals, millions of human lives would be lost.
- F. **Transition:** Now that we have looked the positive impacts of animal testing on society, let us look into how animals make ideal test subjects.

III. **Main point 2:** There are very few alternatives better than using live animals in scientific research.

- A. **Internal Preview:** The two main factors that make animals essential to animal testing are: genetic similarity and whole-body testing.
- B. For example, several animals are genetically similar to humans.
1. **The Smithsonian National Museum of Natural History notes:** “while the genetic difference between individual humans today is miniscule – about 0.1% on average – study of the same aspects of the chimpanzee genome indicates a difference of about 1.2%”.
 2. **According to the Jackson Laboratory:** “Among the many advantages to using the mouse as a model organism, the most important is their striking similarity to humans in anatomy, physiology, and genetics. Over 95% of the mouse genome is similar to our own, making mouse genetic research particularly applicable to human disease”.
- C. There is no adequate alternative to testing on a living, whole-body system.
1. **As researchers at Stanford Laboratory point out:** “The processes central to our nervous, endocrine, immune, and circulatory systems can only be replicated in other living beings.
 2. Clearly, animals make the best test-subjects when it comes to finding cures for the most debilitating diseases.
- D. While many individuals see Animal testing as a major harm to animals, it is a relatively small culprit of killing animals in the US.
1. **The Humane Society shows** that just last year, 9.1 billions of animals were slaughtered for food in the U.S. alone.
 2. The types of animals that are tested on fall into categories of least desirable.

3. **Summary Statement:** Overall, genetic similarity and whole body testing make animal testing necessary.

E. **Transition:** It is clear: animal testing does more good than harm, and should, therefore, be less regulated.

IV. **Main Point 3: Solution** The US legislature should reduce restrictions that prevent scientists from conducting ethical tests on animals.

A. **Internal Preview:** We can achieve this objective on both a political and social level.

B. First: To make sure animal testing remains legal, make sure you vote against any opponents to animal testing. Write to your district representative showing your support for animal testing. And most importantly, fund these researchers by paying your taxes.

C. Secondly, we should recognize that there are already laws in place protecting animals.

1. **For example, The Animal Welfare Act**, a federal law, regulates the standards of care and treatment of research animals.

2. **The AWA states**, “The standards...shall include minimum requirements for handling, housing, feeding, watering, sanitation, ventilation, shelters”.

3. These laws do a great job of making sure animals are safe without tying the hand of companies trying to save lives.

D. The last solution is on a social level.

E. We should all be more aware the importance of ethical animal testing in research.

1. Visit understandinganimalresearch.com to stay educated on the importance of animal research.

2. Take a pamphlet that I have printed out in order that has resources and links to websites that present balanced opinions about animal research.

F. **Summary Statement:** HIV, Diabetes, Cancer, Covid-19, these diseases kill hundreds of thousands of Americans each year. And still, these diseases would kill thousands more if it were not for the tireless work of scientist fighting to find cures.

V. **Conclusion**

A. **Review:** Today we’ve looked at the positive impacts on animal testing in society.

B. **Visualization statement:** Imagine that you wake up and instead of the feeling of dread and danger as you step outside, you feel freedom to not wear a mask, see your friends without fear, and live your lives. If we are going to make it through this crisis, all options need to be on the table including animal testing.

Note: You have three options for how you can end your speech:

- a. Visualization Statement
- b. Call to Action
- c. Final Words

See Samples Below

Sample Call to Action: To make sure animal testing remains legal, there are a few things you could do. Make sure you vote against any opponents to animal testing. Write to your district representative showing your support for animal testing. And most importantly, fund these researchers by paying your taxes.

Sample Final Words: In an ideal world, there won't be a need for animal testing, but the sacrifice made by one puppy could potentially save millions of human babies.

Works Cited

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