

SUPPLEMENTARY FILE 1: CHAPTER 4 – SURVEY A

Default Question Block

CONSENT FORM

IRB Study Number: IRB16-1228

DESCRIPTION: I am a social sciences graduate student at the University of Chicago doing a study that uses the mediation method, a type of alternative dispute resolution, to understand the contentiousness of a public debate. This survey includes questions about your relevant knowledge and opinions, as well as questions about basic demographic information. Participation usually takes around 5-10 minutes.

RISKS and BENEFITS: The risks to your participation in this online study are those associated with basic computer tasks, including boredom, fatigue, minor stress, or breach of confidentiality. There is also a risk of experiencing conflicted feelings. The only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge.

COMPENSATION: You will receive \$.26 for participating in the study.

PLEASE NOTE: This study contains a number of checks to make sure that participants are finishing the tasks completely. As long as you read the instructions and complete the tasks, your HIT will be approved. If you fail these checks, your HIT will be rejected.

CONFIDENTIALITY: Your Mechanical Turk Worker ID will be used to distribute payment to you but will not be stored with the research data we collect from you. Please be aware that your MTurk Worker ID can potentially be linked to information about you on your Amazon public profile page, depending on the settings you have for your Amazon profile. We will not be accessing any personally identifying information about you that you may have put on your Amazon public profile page.

Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. We may share the data we collect in this study with other researchers doing future studies – if we share your data, we will not include information that could identify you.

PARTICIPANT'S RIGHTS: Your participation is voluntary. You may stop participating at any time by closing the browser window or the program to withdraw from the study. Once you begin the study, all data you provide may be used in analyses unless you make a request for it to be excluded. If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu).

For additional questions about this research, you may contact Steve Jacobs -stevejacobs@uchicago.edu.

For questions about your rights as a research participant, you may contact: The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu.

Please indicate, in the box below, that you are at least 18 years old, you have read and understand this consent form, and you agree to participate in this online research study.

- I AGREE to participate
- I DO NOT AGREE to participate

Here is a series of questions about the question "When does a human's life begin?".

How important is the question "When does a human's life begin?" in the US Abortion Debate?

	Unimportant								Important	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If both sides agreed on when a human's life begins, the US Abortion Debate would be less contentious and more likely to be resolved.

	Do Not Agree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Americans deserve to know when a human's life begins so they can be informed in their abortion positions and decisions.

	Do Not Agree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which group is most qualified to answer the question "When does a human's life begin?"

- Biologists
- Philosophers
- Religious Leaders
- Supreme Court Justices
- Voters

If that group was surveyed, how many of them would agree on when a human's life begins?

	Few Would Agree							Most Would Agree		
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If there was a consensus, do you think that finding would strengthen the Pro-Choice or Pro-Life side of the US Abortion Debate?

	Pro-Choice							Pro-Life		
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

When does a human's life begin?

- The moment of conception/fertilization
- The moment a fetus' heart beats
- The moment a fetus shows brain activity
- The moment a fetus quickens and can be felt moving in the womb
- The moment a fetus can feel pain
- The moment a fetus can be viable outside the womb
- The moment a fetus is born
- Other

When is the life of a human zygote/embryo/fetus worthy of legal protection?

- The moment of conception/fertilization
- The moment a fetus' heart beats
- The moment a fetus shows brain activity
- The moment a fetus quickens and can be felt moving in the womb
- The moment a fetus can feel pain
- The moment a fetus can be viable outside the womb
- The moment a fetus is born
- Other

How would you rate your beliefs?

(Note: Please skip this question if you prefer not to say)

	Pro-Choice							Pro-Life		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Here is a series of questions about human rights.

All humans deserve the right to life, religion, liberty, freedom, and other rights recognized as "human rights".

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

All humans are equally deserving of these rights regardless of their age, race, religion, or any other distinction.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

There is a hierarchy of rights, since some rights are inherently more important than other rights.

For example, a human's right to freedom is more important another human's right to own property, which is why slavery is a human rights violation.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In a collision between one right of a human and a different right of another human, the characteristics of each human are irrelevant. All that matters is an analysis of the rights, and it is the more important or fundamental right that should be protected.

For example, in considering the collision of an infant's right to life and an adult's right to practice their religion through a human sacrifice ritual, the age of the parties is irrelevant. The ritual would be a human rights violation because the right to life is more important or fundamental than the right to practice religion.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Do you agree that American laws should be consistent with human rights principles?

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Here is a series of questions about abortion and human rights.

In a previous version of this survey, 86% of Americans selected Biologists as the group most qualified to determine when life begins. 1,003 biologists were then surveyed and 97% agreed with the stance that a human's life begins when the sperm fertilizes the egg (the moment of fertilization/conception).

Since a consensus of biologists determined that human fetuses are humans from the moment of fertilization, human fetuses should be considered humans by human rights declarations, groups, and commissions.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Abortion should be seen as a collision of rights between the pregnant woman (who has the right to liberty in making medical decisions) and her fetus (who has the right to life).

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

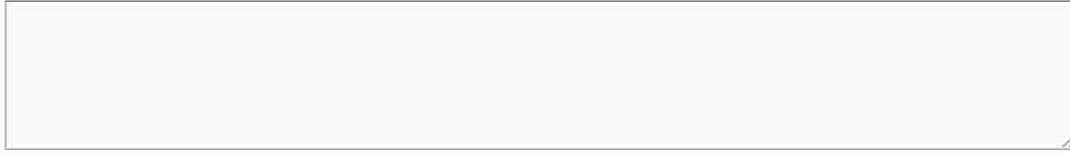
Abortion is a human rights violation because the right to life is more important or fundamental than the right to liberty, since you can have life without liberty but you cannot have liberty without life.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In light of the finding (97% of biologists determining that a human's life begins at fertilization), how should this collision of rights between the pregnant woman (the right to liberty) and the human fetus (the right to life) be assessed?

- Abortion is a human rights violation because the right to life is more important or fundamental than the right to liberty
- Abortion is a human rights violation because, while the right to life and liberty are equal, a fair compromise that respects both parties' rights could not allow for the death of one of the parties
- Abortion is not a human rights violation because the right to liberty is more important or fundamental than the right to life
- Abortion is not a human rights violation because, while the right to life and liberty are equal, a fair compromise that respects both parties' rights could not allow for a restriction of a woman's right to abort
- Unsure

Please discuss how you would analyze abortion with human rights principles.



Here is a series of demographics questions.

How would you rate your beliefs?
(Note: Please skip this question if you prefer not to say)

	Pro-Choice								Pro-Life	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your beliefs?
(Note: Please skip this question if you prefer not to say)

	Liberal								Conservative	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate yourself?
(Note: Please skip this question if you prefer not to say)

	Democratic								Republican	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you are a member of a religion or you adopt a religious identity, please select it:
(Note: Please skip this question if you prefer not to say)

- Agnostic
- Atheist
- Buddhist
- Catholic
- Hindu
- Jewish
- Muslim
-

Protestant

- None
- Enter Your Religion

What is your race or ethnicity?

- White/Caucasian
- African-American
- Latino/Latina/Hispanic
- Asian
- Pacific Islander
- Native American
- Other

What is your gender?

- Male
- Female
- Please enter your gender if it is unlisted:

What year were you born?

Please indicate your marital status.

- Never Married
- Married
- Widowed
- Divorced
- Prefer not to say

How many children do you have?

- 0
- 1
-

- 2
- 3
- 4 or more
- Prefer not to say

Please indicate your approximate individual yearly income before taxes.

- Under \$25,000
- \$25,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 and over
- Prefer not to say

What is your highest level of education?

- Some high school
- High school graduate
- Some college
- College graduate
- Postgraduate/Professional School
- Other

Please feel free to share anything:

Thank you for participating in this study. This study uses the mediation method, a type of alternative dispute resolution, to understand the US Abortion Debate, reduce the hostility surrounding it, and foster more productive policy discussions. This survey is an attempt to learn about how Americans think about fundamental issues in the US Abortion Debate.

Your participation is much appreciated and will contribute to a better informed public discussion.

SUPPLEMENTARY FILE 2: CHAPTER 4 – SURVEY B

Qualtrics Survey Software

4/28/19, 12:09 AM

Default Question Block

CONSENT FORM

IRB Study Number: IRB16-1228

DESCRIPTION: I am a social sciences graduate student at the University of Chicago doing a study that uses the mediation method, a type of alternative dispute resolution, to understand the contentiousness of a public debate. This survey includes questions about your relevant knowledge and opinions, as well as questions about basic demographic information. Participation usually takes around 5-10 minutes.

RISKS and BENEFITS: The risks to your participation in this online study are those associated with basic computer tasks, including boredom, fatigue, minor stress, or breach of confidentiality. There is also a risk of experiencing conflicted feelings. The only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge.

COMPENSATION: You will receive \$.51 for participating in the study.

PLEASE NOTE: This study contains a number of checks to make sure that participants are finishing the tasks completely. As long as you read the instructions and complete the tasks, your HIT will be approved. If you fail these checks, your HIT will be rejected.

CONFIDENTIALITY: Your Mechanical Turk Worker ID will be used to distribute payment to you but will not be stored with the research data we collect from you. Please be aware that your MTurk Worker ID can potentially be linked to information about you on your Amazon public profile page, depending on the settings you have for your Amazon profile. We will not be accessing any personally identifying information about you that you may have put on your Amazon public profile page.

Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. We may share the data we collect in this study with other researchers doing future studies – if we share your data, we will not include information that could identify you.

PARTICIPANT'S RIGHTS: Your participation is voluntary. You may stop participating at any time by closing the browser window or the program to withdraw from the study. Once you begin the study, all data you provide may be used in analyses unless you make a request for it to be excluded. If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu).

For additional questions about this research, you may contact Steve Jacobs -stevejacobs@uchicago.edu.

For questions about your rights as a research participant, you may contact: The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu.

Please indicate, in the box below, that you are at least 18 years old, you have read and understand this consent form, and you agree to participate in this online research study.

- I AGREE to participate
- I DO NOT AGREE to participate

<https://ssd.az1.qualtrics.com/Q/EditSection/Blocks/Ajax/GetSurveyPrintPreview>

Page 1 of 9

Here is a series of questions about the question "When does a human's life begin?".

How important is the question "When does a human's life begin?" in the US Abortion Debate?

	Unimportant								Important	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If both sides agreed on when a human's life begins, the US Abortion Debate would be less contentious and more likely to be resolved.

	Do Not Agree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Americans deserve to know when a human's life begins so they can be informed in their abortion positions and decisions.

	Do Not Agree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which group is most qualified to answer the question "When does a human's life begin?"

- Biologists
- Philosophers
- Religious Leaders
- Supreme Court Justices
- Voters

Why do you think they are most qualified?

If that group was surveyed, how many of them would agree on when a human's life begins?

	Few Would Agree					Most Would Agree				
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If there was a consensus, do you think that finding would strengthen the Pro-Choice or Pro-Life side of the US Abortion Debate?

	Pro-Choice					Pro-Life				
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

When does a human's life begin?

- The moment of conception/fertilization
- The moment a fetus' heart beats
- The moment a fetus shows brain activity
- The moment a fetus quickens and can be felt moving in the womb
- The moment a fetus can feel pain
- The moment a fetus can be viable outside the womb
- The moment a fetus is born
- Other

When is the life of a human zygote/embryo/fetus worthy of legal protection?

- The moment of conception/fertilization
- The moment a fetus' heart beats
- The moment a fetus shows brain activity
- The moment a fetus quickens and can be felt moving in the womb
- The moment a fetus can feel pain
- The moment a fetus can be viable outside the womb
- The moment a fetus is born
- Other

How would you rate your beliefs?
(Note: Please skip this question if you prefer not to say)

	Pro-Choice								Pro-Life	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Here is a series of questions about human rights.

All humans deserve the right to life, religion, liberty, freedom, and other rights recognized as "human rights".

	Do Not Agree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

All humans are equally deserving of these rights regardless of their age, race, religion, or any other distinction.

	Do Not Agree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

There is a hierarchy of rights, since some rights are inherently more important than other rights.

For example, a human's right to freedom is more important than another human's right to own property, which is why slavery is a human rights violation.

	Do Not Agree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In a collision between one right of a human and a different right of another human, the characteristics of each human are irrelevant. All that matters is an analysis of the rights, and it is the more important or fundamental right that should be protected.

For example, in considering the collision of an infant's right to life and an adult's right to practice their religion through a human sacrifice ritual, the age of the parties is irrelevant. The ritual would be a human rights violation because the right to life is more important or fundamental than the right to practice religion.

	Do Not Agree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Do you agree that American laws should be consistent with human rights principles?

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Here is a series of questions about abortion and human rights.

In a previous version of this survey, a majority of participants selected Biologists as the group most credible to determine when a human's life begins. For the following questions, assume that a consensus of Biologists determined that a human's life begins at fertilization.

Since a consensus of biologists determined that human fetuses are humans from the moment of fertilization, human fetuses should be considered humans by human rights declarations, groups, and commissions.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Abortion should be seen as a collision of rights between the pregnant woman (who has the right to liberty in making medical decisions) and her fetus (who has the right to life).

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Abortion is a human rights violation because the right to life is more important or fundamental than the right to liberty, since you can have life without liberty but you cannot have liberty without life.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In light of the finding (a consensus of biologists determining that a human's life begins at fertilization), how should this collision of rights between the pregnant woman (the right to liberty) and the human fetus (the right to life) be assessed?

- Abortion is a human rights violation because the right to life is more important or fundamental than the right to liberty
- Abortion is a human rights violation because, while the right to life and liberty are equal, a fair compromise that respects both parties' rights could not allow for the death of one of the parties
- Abortion is not a human rights violation because the right to liberty is more important or fundamental than the right to life
- Abortion is not a human rights violation because, while the right to life and liberty are equal, a fair compromise that

respects both parties' rights could not allow for a restriction of a woman's right to abort

Unsure

Please analyze abortion with human rights principles.

Here is a series of demographics questions.

How would you rate your beliefs?
(Note: Please skip this question if you prefer not to say)

	Pro-Choice								Pro-Life	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your beliefs?
(Note: Please skip this question if you prefer not to say)

	Liberal							Conservative		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate yourself?
(Note: Please skip this question if you prefer not to say)

	Democratic							Republican		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you are a member of a religion or you adopt a religious identity, please select it:
(Note: Please skip this question if you prefer not to say)

- Agnostic
- Atheist
- Buddhist
-

- Catholic
- Hindu
- Jewish
- Muslim
- Protestant
- None
- Enter Your Religion

What is your race or ethnicity?

- White/Caucasian
- African-American
- Latino/Latina/Hispanic
- Asian
- Pacific Islander
- Native American
- Other

What is your gender?

- Male
- Female
- Please enter your gender if it is unlisted:

What year were you born?

Please indicate your marital status.

- Never Married
- Married
- Widowed
- Divorced
- Prefer not to say

How many children do you have?

- 0
- 1
- 2
- 3
- 4 or more
- Prefer not to say

Please indicate your approximate individual yearly income before taxes.

- Under \$25,000
- \$25,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 and over
- Prefer not to say

What is your highest level of education?

- Some high school
- High school graduate
- Some college
- College graduate
- Postgraduate/Professional School
- Other

Please feel free to share anything:

Thank you for participating in this study. This study uses the mediation method, a type of alternative dispute resolution, to understand the US Abortion Debate, reduce the hostility surrounding it, and foster more productive policy discussions. This survey is an attempt to learn about how Americans think about fundamental issues in the

US Abortion Debate.

Your participation is much appreciated and will contribute to a better informed public discussion.

SUPPLEMENTARY FILE 3: CHAPTER 4 – SURVEY C

Qualtrics Survey Software

4/28/19, 12:10 AM

Default Question Block

CONSENT FORM

IRB Study Number: IRB16-1228

DESCRIPTION: I am a social sciences graduate student at the University of Chicago doing a study that uses the mediation method, a type of alternative dispute resolution, to understand the contentiousness of a public debate. This survey includes questions about your relevant knowledge and opinions, as well as questions about basic demographic information. Participation usually takes less than 5 minutes.

RISKS and BENEFITS: The risks to your participation in this online study are those associated with basic computer tasks, including boredom, fatigue, minor stress, or breach of confidentiality. There is also a risk of experiencing conflicted feelings. The only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge.

COMPENSATION: You will receive \$.26 for participating in the study.

PLEASE NOTE: This study contains a number of checks to make sure that participants are finishing the tasks completely. As long as you read the instructions and complete the tasks, your HIT will be approved. If you fail these checks, your HIT will be rejected.

CONFIDENTIALITY: Your Mechanical Turk Worker ID will be used to distribute payment to you but will not be stored with the research data we collect from you. Please be aware that your MTurk Worker ID can potentially be linked to information about you on your Amazon public profile page, depending on the settings you have for your Amazon profile. We will not be accessing any personally identifying information about you that you may have put on your Amazon public profile page.

Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. We may share the data we collect in this study with other researchers doing future studies – if we share your data, we will not include information that could identify you.

PARTICIPANT'S RIGHTS: Your participation is voluntary. You may stop participating at any time by closing the browser window or the program to withdraw from the study. Once you begin the study, all data you provide may be used in analyses unless you make a request for it to be excluded. If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu).

For additional questions about this research, you may contact Steve Jacobs -stevejacobs@uchicago.edu.

For questions about your rights as a research participant, you may contact: The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu.

Please indicate, in the box below, that you are at least 18 years old, you have read and understand this consent form, and you agree to participate in this online research study.

- I AGREE to participate
- I DO NOT AGREE to participate

<https://ssd.az1.qualtrics.com/Q/EditSection/Blocks/Ajax/GetSurveyPrintPreview>

Page 1 of 5

Here is a series of questions about the question "When does a human's life begin?".

How important is the question "When does a human's life begin?" in the US Abortion Debate?

	Unimportant								Important	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Americans deserve to know when a human's life begins so they can be informed in their abortion positions and reproductive decisions.

	Do Not Agree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which group is most qualified to answer the question "When does a human's life begin?"

- Biologists
- Philosophers
- Religious Leaders
- Supreme Court Justices
- Voters

Why do you think they are most qualified?

Here is a series of demographics questions.

Note: Please skip any question you prefer not to answer.

How would you rate your beliefs?

	Pro-Choice							Pro-Life		
	1	2	3	4	5	6	7	8	9	10
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Stance

How would you rate your beliefs?

	Liberal					Conservative				
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate yourself?

	Democratic					Republican				
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you are a member of a religion or you adopt a religious identity, please select it:

- Agnostic
- Atheist
- Buddhist
- Catholic
- Hindu
- Jewish
- Muslim
- Protestant
- None
- Enter Your Religion

What is your race or ethnicity?

- White/Caucasian
- African-American
- Latino/Latina/Hispanic
- Asian
- Pacific Islander
- Native American
- Other

What is your gender?

- Male
- Female
- Please enter your gender if it is unlisted:

What year were you born?

Please indicate your marital status.

- Never Married
- Married
- Widowed
- Divorced
- Prefer not to say

How many children do you have?

- 0
- 1
- 2
- 3
- 4 or more
- Prefer not to say

Please indicate your approximate individual yearly income before taxes.

- Under \$25,000
- \$25,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 and over
- Prefer not to say

What is your highest level of education?

- Some high school
 - High school graduate
 - Some college
 - College graduate
 - Postgraduate/Professional School
 - Other
-

Please feel free to share anything:

Thank you for participating in this study. This study uses the mediation method, a type of alternative dispute resolution, to understand the US Abortion Debate, reduce the hostility surrounding it, and foster more productive policy discussions. This survey is an attempt to learn about how Americans think about fundamental issues in the US Abortion Debate.

Your participation is much appreciated and will contribute to a better informed public discussion.

SUPPLEMENTARY FILE 4: CHAPTER 4 – SURVEY D

Qualtrics Survey Software

4/28/19, 12:14 AM

Default Block

CONSENT FORM

IRB Study Number: IRB16-1228

DESCRIPTION: I am a graduate student at the University of Chicago doing a study on people's beliefs about abortion. If you agree to participate, you will be asked to complete a questionnaire about yourself and your beliefs. Participation should take between 10-20 minutes.

RISKS and BENEFITS: The risks to your participation in this online study are those associated with basic computer tasks, including boredom, fatigue, minor stress, or breach of confidentiality. There is also a risk of experiencing conflicted feelings. The only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge.

COMPENSATION: You will receive \$1.01 for participating in the study.

PLEASE NOTE: This study contains a number of checks to make sure that participants are finishing the tasks completely. As long as you read the instructions and complete the tasks, your HIT will be approved. If you fail these checks, your HIT will be rejected.

CONFIDENTIALITY: Your Mechanical Turk Worker ID will be used to distribute payment to you but will not be stored with the research data I collect from you. Please be aware that your MTurk Worker ID can potentially be linked to information about you on your Amazon public profile page, depending on the settings you have for your Amazon profile. I will not be accessing any personally identifying information about you that you may have put on your Amazon public profile page.

Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. I may share the data that I collect in this study with other researchers doing future studies – if I share your data, I will not include information that could identify you.

PARTICIPANT'S RIGHTS: Your participation is voluntary. You may stop participating at any time by closing the browser window or the program to withdraw from the study. Once you begin the study, all data you provide may be used in analyses unless you make a request for it to be excluded. If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu).

For additional questions about this research, you may contact Steve Jacobs -stevejacobs@uchicago.edu.

For questions about your rights as a research participant, you may contact: The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu.

Please indicate, in the box below, that you are at least 18 years old, you have read and understand this consent form, and you agree to participate in this online research study.

- I AGREE to participate
- I DO NOT AGREE to participate

Here is a series of statements that express beliefs about issues related to the abortion debate. Please indicate your level of agreement or disagreement with each one.

These items are not being asked to assess the consistency of one's beliefs. There are nuances to complicated social issues, so one should not assume that being against legal elective abortion access requires opposition to the death penalty or that being for legal elective abortion access requires opposition to the treatment of a killing of a pregnant person as a double-homicide. Just take each question on its own and select the answer that best represents your beliefs.

NOTE: "Elective abortion" refers to abortions sought for non-therapeutic reasons (for example: because a pregnant person does not to be pregnant) and "therapeutic abortion" refers to abortions sought for therapeutic reasons (for example: because a person's pregnancy is a significant threat to their life or health).

Legal elective abortion access is justified because people will always have abortions.

	Disagree										Agree
	1	2	3	4	5	6	7	8	9	10	
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Physically attacking a pregnant person with the goal and result of causing the death of a fetus should be considered an unjustifiable homicide.

	Disagree										Agree
	1	2	3	4	5	6	7	8	9	10	
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Using "man" to mean both men and women is one of many ways sexist language destroys women's existence.

	Disagree										Agree
	1	2	3	4	5	6	7	8	9	10	
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access cannot be justified because pregnant people who don't want to raise their child should give the child up for adoption and give infertile people the chance to raise the child.

	Disagree										Agree
	1	2	3	4	5	6	7	8	9	10	
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to bodily autonomy, so no one should be legally required to donate blood to their child even if the child will die without a blood transfusion from the parent.

	Disagree										Agree
--	----------	--	--	--	--	--	--	--	--	--	-------

	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Whether one chooses a traditional or alternative family form should be a matter of personal choice.

	Disagree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access is justified because pregnant people have the right to not carry an unwanted pregnancy.

	Disagree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Laws should restrict any medication that causes abortions or miscarriages.

	Disagree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Women have the right to compete with men in every sphere of activity.

	Disagree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to life, so laws should protect unconscious humans' right to medical life support.

	Disagree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Laws should permit abortions of pre-viable pregnancies (during the first 24 weeks of pregnancy).

	Disagree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access cannot be justified because sex-selective abortions that kill female fetuses infringe on women's rights to life and to be free from discrimination.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access is justified because abortion helps to protect against overpopulation.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Using the death penalty on a pregnant person should be considered an unjustifiable homicide of a fetus for a crime they didn't commit.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Sex role stereotypes are only one symptom of the larger system of patriarchal power, which is the true source of women's subordination.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access cannot be justified because it degrades the rule of law and the moral authority of government.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to bodily autonomy, so no one should be legally required to donate blood even if a person has an extremely rare type of blood that can save thousands of lives.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Reaction to Statement |

The government is responsible for making sure that all women receive an equal chance at education and employment.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access is justified because pregnant people have the right to not give birth.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Laws should restrict abortion after the fetus' heartbeat is first detected (around the 6th week of pregnancy).

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Women should not be permitted to hold political offices that involve great responsibility.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to life, so laws should protect the right to self-defense to allow humans to protect against others infringing on their right to life.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Laws should permit abortions at all times during a pregnancy (during all 40 weeks of pregnancy).

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access cannot be justified because abortion infringes on the right to life of a fetus and life begins at conception.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access is justified because it is a social benefit to the extent that it reduces crime and welfare.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Drugging an unaware pregnant person with the goal and result of causing the death of a fetus should be considered an unjustifiable homicide.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Men's control over women forces women to be the primary caretakers of children.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access cannot be justified because it causes people to engage in irresponsible sexual behavior.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to bodily autonomy, so no one should be legally required to get vaccinated even if it's to protect against an incurable, deadly, and highly contagious disease.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The availability of adequate child care is central to a woman's right to work outside the home.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access is justified because pregnant people have the right to not be a genetic parent to a child.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Laws should restrict abortions sought because the fetus isn't the pregnant person's preferred gender.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

It is desirable that women be appointed to police forces with the same duties as men.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to life, so laws should punish all forms of unjustifiable homicide to protect humans' right to life.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Laws should permit abortion by pregnant people under the age of 13.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access cannot be justified because abortion infringes on the right to life of a fetus to develop in the womb until it can survive outside of the womb.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access is justified because it is necessary for society to achieve gender equality.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Negligently or purposefully committing malpractice in the treatment of a pregnant person with the result of causing the death of a fetus should be considered a negligent or unjustifiable homicide.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Men use abortion laws and reproductive technology to control women's lives.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access cannot be justified because people are more likely to commit suicide after having an abortion than after giving birth.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to bodily autonomy, so no one should be legally required to give birth to a child even if the global birth rate plummets and humans become an endangered species.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Social change for sexual equality will best come about by acting through federal, state, and local government.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access is justified because pregnant people have the right to terminate a pregnancy for any reason.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Laws should restrict abortions sought because the fetus isn't the pregnant person's preferred race.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A woman should not expect to go to the same places or have the same freedom of action as a man.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to life, so laws should prevent government-run medical facilities from denying life-saving medical treatments for financial reasons.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Laws should permit an abortion deemed medically necessary to save the life of the pregnant person.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access cannot be justified because aborting a pregnancy of a fetus with a disability infringes

on the disabled fetus' rights to life and to be free from discrimination.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access is justified because unwanted children would be better off not having been born than facing possible abuse from the foster care system or unwilling parents.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Causing a fetus to die and a woman to lose her pregnancy as the result of a drunk driving accident should be considered an unjustifiable homicide or vehicular manslaughter.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Marriage is a perfect example of men's physical, economic, and sexual oppression of women.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access cannot be justified because it undercuts personal accountability and degrades American values.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to bodily autonomy, so no one should be legally required to call the police even if they have a cell phone and are witnessing an extremely violent beating,

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

People should define their marriage and family roles in ways that make them feel most comfortable.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access is justified because pregnant people have no rights if they do not have the right to abortion.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Laws should restrict abortion throughout pregnancy.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Men and women should be paid the same for the same work regardless of whether or not they have a family to support.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to life, so laws should restrict the death penalty since it infringes on humans' right to life.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Laws should permit terminating any pregnancy of a fetus with a genetic condition like Down syndrome.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Legal elective abortion access cannot be justified because abortion infringes on a fetus' human rights in unjustifiably

ending the life of a human.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A fetus is a human.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A fetus is a person.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A fetus has a right to life.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A person has a right to have an elective abortion.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A government has the right to deny legal access to elective abortions.

	Disagree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Here is a series of questions about when life begins.

How important is the question "When does a human's life begin?" in the U.S. Abortion Debate?

	Unimportant								Important	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If both sides agreed on when a human's life begins, the U.S. Abortion Debate would be less contentious and more likely to be resolved.

	Do Not Agree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Americans deserve to know when a human's life begins so they can be informed in their abortion positions and decisions.

	Do Not Agree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which group is most qualified to answer the question "When does a human's life begin?"

- Biologists
- Philosophers
- Religious Leaders
- Supreme Court Justices
- Voters

When does a human's life begin?

- The moment of conception/fertilization
- The moment a fetus' heart beats
- The moment a fetus shows brain activity
- The moment a fetus can feel pain
- The moment a fetus can be viable outside the womb
- The moment a fetus is born
- Other

When is the life of a human zygote/embryo/fetus worthy of legal protection?

- The moment of conception/fertilization
- The moment a fetus' heart beats
- The moment a fetus shows brain activity
- The moment a fetus can feel pain
- The moment a fetus can be viable outside the womb
- The moment a fetus is born
- Other

Here is a series of questions about human rights.

All humans deserve the right to life, religion, liberty, freedom, and other rights recognized as "human rights".

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

All humans are equally deserving of these rights regardless of their age, race, religion, or any other distinction.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Do you agree that American laws should be consistent with human rights principles?

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In a previous version of this survey, 81% of 2,899 Americans selected Biologists as the group most qualified to determine when life begins. 5,502 biologists were then surveyed and 95% affirmed the biological view that a human's life begins when the sperm fertilizes the egg (the moment of fertilization/conception).

Since a consensus of biologists determined that human fetuses are humans from the moment of fertilization, human fetuses should be considered humans by human rights declarations, groups, and commissions.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Abortion should be seen as a collision of rights between the pregnant woman (who has the right to liberty in making medical decisions) and her fetus (who has the right to life).

Do Not Agree Agree

	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Abortion is a human rights violation because the right to life is more important or fundamental than the right to liberty, since you can have life without liberty but you cannot have liberty without life.

Do Not Agree Agree

	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In light of the survey results referenced above (95% of biologists determining that a human's life begins at fertilization), how should this collision of rights between the pregnant woman (the right to liberty) and the human fetus (the right to life) be assessed?

- Abortion is a human rights violation because the right to life is more important or fundamental than the right to liberty
- Abortion is a human rights violation because, while the right to life and liberty are equal, a fair compromise that respects both parties' rights could not allow for the death of one of the parties
- Abortion is not a human rights violation because the right to liberty is more important or fundamental than the right to life
- Abortion is not a human rights violation because, while the right to life and liberty are equal, a fair compromise that respects both parties' rights could not allow for a restriction of a woman's right to abort
- No answer

Here is a series of statements about people pleading guilty to crimes.

Please assess how you would prefer that they be punished.

Note: Please skip any question you prefer not to answer.

Jenny has a criminal record and has pled guilty to stealing a car.

Minimum Punishment Maximum Punishment

	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Nicholas has a criminal record and has pled guilty for his role in a bank robbery.

	Minimum Punishment							Maximum Punishment		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Danielle has a criminal record and has pled guilty to a rape charge.

	Minimum Punishment							Maximum Punishment		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Tommy has a criminal record and has pled guilty to burning a neighbor's house down.

	Minimum Punishment							Maximum Punishment		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Christina has a criminal record and has pled guilty to first-degree murder.

	Minimum Punishment							Maximum Punishment		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Daniel has a criminal record and has pled guilty to a rape charge.

	Minimum Punishment							Maximum Punishment		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Tiffany has a criminal record and has pled guilty to burning a neighbor's house down.

	Minimum Punishment							Maximum Punishment		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Jimmy has a criminal record and has pled guilty to stealing a car.

	Minimum Punishment							Maximum Punishment		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Nichole has a criminal record and has pled guilty for her role in a bank robbery.

	Minimum Punishment					Maximum Punishment				
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Christian has a criminal record and has pled guilty to first-degree murder.

	Minimum Punishment					Maximum Punishment				
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Here is a series of demographics questions.

Note: Please skip any question you prefer not to answer.

How would you rate your beliefs?

	Pro-Choice					Pro-Life				
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your beliefs?

	Pro-Choice					Pro-Life				
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your beliefs?

	Liberal					Conservative				
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your beliefs?

	Socialist					Capitalist				
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your beliefs?

	Democratic					Republican				
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you were raised as a member of a religion, please select it:

- Agnostic
- Atheist
- Buddhist
- Catholic
- Hindu
- Jewish
- Lutheran
- Muslim
- Protestant
- None
- Other:

If you are a member of a religion or you adopt a religious identity, please select it:

- Agnostic
- Atheist
- Buddhist
- Catholic
- Hindu
- Jewish
- Lutheran
- Muslim
- Protestant
- None
- Other:

What is your race or ethnicity?

- White/Caucasian
- African-American
- Latino/Latina/Hispanic
- Asian
- Pacific Islander
- Native American
- Other:

What is your gender?

- Male
- Female
- Other:

In what year were you born?

Please indicate your marital status.

- Never Married
- Married
- Widowed
- Divorced
- Prefer not to say

How many children do you have?

- 0
- 1
- 2
- 3
- 4 or more
-

Prefer not to say

Please indicate your approximate individual yearly income before taxes.

- Under \$25,000
- \$25,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 and over
- Prefer not to say

What is your highest level of education?

- Some high school
- High school graduate
- Some college
- College graduate
- Postgraduate/Professional School
- Other

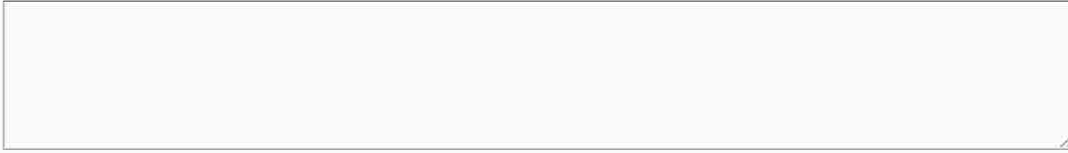
In which country were you born?

Which state in America would you consider your "home state"?

Overall, how would you rate the beliefs of the person or people who raised you.

	Pro-Choice								Pro-Life	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please feel free to share anything:



Thank you for participating in this study. This study was designed to improve researchers' understanding of Americans' beliefs about the U.S. abortion debate, which could reduce the hostility surrounding it and foster more productive policy discussions.

Your participation is much appreciated and will contribute to a better informed public discussion.

SUPPLEMENTARY FILE 5: CHAPTER 4 – SURVEY E

Qualtrics Survey Software

4/28/19, 12:11 AM

Default Question Block

CONSENT FORM

IRB Study Number: IRB16-1228

DESCRIPTION: I am a graduate student at the University of Chicago doing a study on people's beliefs about abortion. If you agree to participate, you will be asked to complete a questionnaire about yourself and your beliefs. Participation should take between 10-20 minutes.

RISKS and BENEFITS: The risks to your participation in this online study are those associated with basic computer tasks, including boredom, fatigue, minor stress, or breach of confidentiality. There is also a risk of experiencing conflicted feelings. The only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge.

COMPENSATION: You will receive \$1.01 for participating in the study.

PLEASE NOTE: This study contains a number of checks to make sure that participants are finishing the tasks completely. As long as you read the instructions and complete the tasks, your HIT will be approved. If you fail these checks, your HIT will be rejected.

CONFIDENTIALITY: Your Mechanical Turk Worker ID will be used to distribute payment to you but will not be stored with the research data I collect from you. Please be aware that your MTurk Worker ID can potentially be linked to information about you on your Amazon public profile page, depending on the settings you have for your Amazon profile. I will not be accessing any personally identifying information about you that you may have put on your Amazon public profile page.

Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. I may share the data that I collect in this study with other researchers doing future studies – if I share your data, I will not include information that could identify you.

PARTICIPANT'S RIGHTS: Your participation is voluntary. You may stop participating at any time by closing the browser window or the program to withdraw from the study. Once you begin the study, all data you provide may be used in analyses unless you make a request for it to be excluded. If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu).

For additional questions about this research, you may contact Steve Jacobs (stevejacobs@uchicago.edu).

For questions about your rights as a research participant, you may contact: The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu.

Please indicate, in the box below, that you are at least 18 years old, you have read and understand this consent form, and you agree to participate in this online research study.

- I AGREE to participate
- I DO NOT AGREE to participate

Here is a series of questions about your general opinions and beliefs.

It is better not to have children because they are such a heavy financial burden.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to bodily autonomy, so no one should be legally required to donate blood to their child even if the child will die without a blood transfusion from the parent.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Sexual relationships before marriage are morally wrong.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to life, so laws should protect unconscious humans' right to medical life support.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Physically attacking a pregnant person with the goal and result of causing the death of a fetus should be considered an unjustifiable homicide.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Watching children grow up is life's greatest joy.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to bodily autonomy, so no one should be legally required to donate blood even if a person has an extremely rare type of blood that can save thousands of lives.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Sexual relationships involving three or more partners are morally wrong.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to life, so laws should protect the right to self-defense to allow humans to protect against others infringing on their right to life.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Using the death penalty on a pregnant person should be considered an unjustifiable homicide of a fetus for a crime they didn't commit.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A marriage without children is not fully complete.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to bodily autonomy, so no one should be legally required to get vaccinated even if it's to protect against an incurable, deadly, and highly contagious disease.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Sexual relationships that involve an exchange of money are morally wrong.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to life, so laws should punish all forms of unjustifiable homicide to protect humans' right to life.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Drugging an unaware pregnant person with the goal and result of causing the death of a fetus should be considered an unjustifiable homicide.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Children are more trouble than they are worth.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to bodily autonomy, so no one should be legally required to give birth to a child even if the global birth rate plummets and humans become an endangered species.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Sexual relationships between two people of the same sex are morally wrong.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to life, so laws should prevent government-run medical facilities from denying life-saving medical treatments for financial reasons.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Negligently or purposefully committing malpractice in the treatment of a pregnant person with the result of causing the death of a fetus should be considered a negligent or unjustifiable homicide.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Having children interferes with the freedom of parents.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to bodily autonomy, so no one should be legally required to call the police even if they have a cell phone and are witnessing an extremely violent beating,

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

It is morally wrong for an adult to be sexually promiscuous.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Humans have the right to life, so laws should restrict the death penalty since it infringes on humans' right to life.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Causing a fetus to die and a pregnant person to lose their pregnancy as the result of a drunk driving accident should be considered an unjustifiable homicide or vehicular manslaughter.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Your desire is to have a family with four or more children.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

It is morally wrong for an adult to routinely consume pornography.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

It is better not to have children for the good of society and the environment.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Here is a series of questions about your beliefs on rights.

Are rights (a) natural, God-given, or inherent to humans, or are rights (b) socially constructed by humans?

	Natural					Socially Constructed				
	1	2	3	4	5	6	7	8	9	10
Reaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

All humans deserve the right to life, religion, liberty, freedom, and other rights recognized as "human rights".

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

All humans are equally deserving of these rights regardless of their age, race, religion, or any other distinction.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Do you agree that American laws should be consistent with human rights principles?

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Think about the liberty right to self-govern, which is the right to do what you want with your life. To what extent is that right limited when it conflicts with another's rights?

	No Limitations					Many Limitations				
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Think about the right to life, which is the right to live without anyone ending your life. To what extent is that right limited when it conflicts with another's rights?

	No Limitations					Many Limitations				
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The right to life is more important or fundamental than the right to liberty, since you can have life without liberty but you cannot have liberty without life.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

When one human's liberty right to do what they want conflicts with another human's right to life, which right should be protected?

	Right to Liberty					Right to Life				
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which right should take precedence in a collision of rights?

	Right to Liberty								Right to Life	
	1	2	3	4	5	6	7	8	9	10
Reaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which right should take precedence in a collision of rights?

	Right to Autonomy								Right to Life	
	1	2	3	4	5	6	7	8	9	10
Reaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which right should take precedence in a collision of rights?

	Abortion Rights								Fetal Rights	
	1	2	3	4	5	6	7	8	9	10
Reaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Ritualistic human sacrifice is a human rights violation because the right to life is more important or fundamental than the right to religion, since you can have life without religion but you cannot have religion without life.

	Do Not Agree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which rights are represented by pro-life beliefs? (Select all that apply)

- States
- Fetuses
- Women

Which rights are represented by pro-choice beliefs? (Select all that apply)

- States
- Fetuses
- Women

I support my tax dollars being used to ensure that children in need have access to proper nutrition.

Do Not Agree

Agree

	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

I support my tax dollars being used to ensure that children in need have access to proper education.

Do Not Agree Agree

	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

I support my tax dollars being used to ensure that children in need have access to proper housing.

Do Not Agree Agree

	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Here is a series of questions related to when life begins.

How important is the question "When does a human's life begin?" in the U.S. Abortion Debate?

Unimportant Important

	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

When does a human's life begin?

- The moment of conception/fertilization
- The moment a fetus' heart beats
- The moment a fetus shows brain activity
- The moment a fetus can feel pain
- The moment a fetus can be viable outside the womb
- The moment a fetus is born
- Other

If both sides agreed on when a human's life begins, the U.S. Abortion Debate would be less contentious and more likely to be resolved.

Do Not Agree Agree

	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Americans deserve to know when a human's life begins so they can be informed in their abortion positions and decisions.

	Do Not Agree							Agree		
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which group is most qualified to answer the question "When does a human's life begin?"

- Biologists
- Philosophers
- Religious Leaders
- Supreme Court Justices
- Voters

If there was a consensus, do you think that finding would strengthen the pro-choice or pro-life side of the U.S. Abortion Debate?

	Pro-Choice							Pro-Life		
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If biologists were asked, "From a biological perspective, when does a human's life begin?", what would most biologists select as the point at which a human's life begins?

- The moment of conception/fertilization
- The moment a fetus' heart beats
- The moment a fetus shows brain activity
- The moment a fetus can feel pain
- The moment a fetus can be viable outside the womb
- The moment a fetus is born
- Other

Based on your understanding of biology, from a biological perspective, when does a human's life begin?

- The moment of conception/fertilization

- The moment a fetus' heart beats
- The moment a fetus shows brain activity
- The moment a fetus can feel pain
- The moment a fetus can be viable outside the womb
- The moment a fetus is born
- Other

When is the life of a human zygote/embryo/fetus worthy of legal protection?

- The moment of conception/fertilization
- The moment a fetus' heart beats
- The moment a fetus shows brain activity
- The moment a fetus can feel pain
- The moment a fetus can be viable outside the womb
- The moment a fetus is born
- Other

Once a human's life begins, is it worthy of legal protection?

	No									Yes
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If it became common knowledge that fetuses are biological humans at fertilization, would support for legal abortion decrease or increase?

	Decrease					Increase				
	1	2	3	4	5	6	7	8	9	10
Reaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If it became common knowledge that fetuses are biological humans at fertilization, would abortion rates decrease or increase?

	Decrease					Increase				
	1	2	3	4	5	6	7	8	9	10
Reaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If someone claims that a human's life begins at fertilization, would you assume they were more pro-choice or pro-life?

	Pro-Choice										Pro-Life
	1	2	3	4	5	6	7	8	9	10	
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If someone claims that a human's life begins at viability, would you assume they were more pro-choice or pro-life?

	Pro-Choice										Pro-Life
	1	2	3	4	5	6	7	8	9	10	
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If someone claims that a human's life begins at birth, would you assume they were more pro-choice or pro-life?

	Pro-Choice										Pro-Life
	1	2	3	4	5	6	7	8	9	10	
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

There are two senses in which one can understand "When does a human's life begin?". One is descriptive because it describes when a zygote/embryo/fetus should first be classified as a human and the other is normative because it is an evaluation of when a human zygote/embryo/fetus deserves rights or legal protections.

When you hear "When does a human's life begin?", in which sense do you understand the question?

	Descriptive										Normative
	1	2	3	4	5	6	7	8	9	10	
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In a Supreme Court case, a Justice described the Fourteenth Amendment's purpose: "The history of the amendment proves that the people were told that its purpose was to protect weak and helpless human beings".

Based on this understanding of the Fourteenth Amendment, when do fetuses deserve protection under the Fourteenth Amendment?

Note: this would not mean that abortions would be illegal at this point, just that fetuses would have protectable rights that need to be considered.

- The moment of conception/fertilization
- The moment a fetus' heart beats
- The moment a fetus shows brain activity
- The moment a fetus can feel pain
- The moment a fetus can be viable outside the womb

- The moment a fetus is born
- Other

Suppose there was an artificial womb that could sustain a zygote from fertilization until birth. Suppose there were also abortion procedures that either ended a fetus' life in the womb or safely removed the fetus from the womb and transplanted it into the artificial womb, at no expense to the pregnant person.

At what point would you restrict the first abortion procedure so the pregnant person would need to have the second procedure to legally terminate their pregnancy?

- The moment of conception/fertilization
- The moment a fetus' heart beats
- The moment a fetus shows brain activity
- The moment a fetus can feel pain
- The moment a fetus can be viable outside the womb
- Other

If abortions did not end the lives of fetuses in the womb, but rather safely removed fetuses from the womb and allowed them to try to survive on their own, would you be more supportive of legal access to elective abortions?

	Less Supportive							More Supportive		
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

According to Cornell Law School's Legal Information Institute, "Homicide is when one human being causes the death of another. Not all homicide is murder, as some killings are manslaughter, and some are lawful, such as when justified by an affirmative defense, like insanity or self-defense."

Do you agree with the argument that causing the death of any fetus, in any situation, is a homicide?

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Do you agree with the argument that, regardless of whether or not an abortion is lawful, an abortion is a homicide?

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Even if it isn't charged as a crime, the accidentally trip of a pregnant person down a flight of stairs that results in the death of a fetus is an act that resulted in a homicide.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

"Of the 36 countries in Europe that allow abortion on request, the vast majority impose time limits of around 12 weeks."

Do you feel those countries struck an unreasonable compromise that unjustifiably limits the rights of pregnant people or that it is a compromise that reasonably respects abortion rights?

	Unreasonable Compromise					Reasonable Compromise				
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

"There are 59 countries that allow abortion 'without restriction as to reason,' or 'elective,' or 'abortion on demand.'... Only seven of the 59 countries allow elective abortions after 20 weeks, the group found: Canada, China, Netherlands, North Korea, Singapore, the United States and Vietnam."

The fact that America has some of the most liberal abortion laws in the world is part of the reason why there is such an intense national abortion controversy in America.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Disregarding abortion and solely focusing on other situations (for example: when a pregnant person is attacked, drugged, or otherwise affected by others), when is a fetus worthy of legal protection?

- The moment of conception/fertilization
- The moment a fetus' heart beats
- The moment a fetus shows brain activity
- The moment a fetus can feel pain
- The moment a fetus can be viable outside the womb
- The moment a fetus is born
- Other

A pregnant person has a miscarriage and their 40-week fetus dies. A human has died.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A pregnant person is attacked and their 40-week fetus dies. A human has died.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A pregnant person has a legal abortion and their 40-week fetus dies. A human has died.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A pregnant person has an illegal abortion and their 40-week fetus dies. A human has died.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A pregnant person has a miscarriage and their 6-week fetus dies. A human has died.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A pregnant person is attacked and their 6-week fetus dies. A human has died.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A pregnant person has a legal abortion and their 6-week fetus dies. A human has died.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A pregnant person has an illegal abortion and their 6-week fetus dies. A human has died.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Here is a series of questions related to abortion.

Note: "Elective abortion" refers to abortions sought for non-therapeutic reasons (for example: because a pregnant person does not want to be pregnant) and "therapeutic abortion" refers to abortions sought for therapeutic reasons (for example: because a person's pregnancy is a significant threat to their life or health).

As the debate is currently situated, how likely is it that the national abortion controversy can end?

	Unlikely									Likely
	1	2	3	4	5	6	7	8	9	10
Reaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If pro-choice and pro-life Americans agreed to work on a mutually-beneficial compromise, how likely is it that the national abortion controversy can end?

	Unlikely									Likely
	1	2	3	4	5	6	7	8	9	10
Reaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

An article in the Washington Post claims:

"The fierce, unabating abortion controversy in this country is not over the moment one biological life commences. It's over the tragic moment when two rights conflict. It's not about whether a fetus has a claim to protection. It's about whether the fetus' claim is greater than the women's"

Do you agree that the abortion debate centers on the question of when a fetus' right to life outweighs a pregnant person's right to liberty?

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In order to end the U.S. abortion debate, do abortion laws need to become more restrictive or more permissive?

	More Restrictive					More Permissive				
	1	2	3	4	5	6	7	8	9	10
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Reaction to Statement |

In order to end the U.S. abortion debate, abortion laws need to recognize fetuses as humans deserving of rights or legal protections.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

It would be preferable if pro-choice and pro-life Americans found a mutually-beneficial compromise to end the national abortion controversy.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How important is the question "When is the life of a human zygote/embryo/fetus worthy of legal protection?" in the U.S. Abortion Debate?

	Unimportant					Important				
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How important is the question "When does a fetus' right to life outweigh a woman's right to have an abortion?" in the U.S. Abortion Debate?

	Unimportant					Important				
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How important is the humanity of fetuses to your position on abortion?

	Unimportant					Important				
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How important is your position on abortion to your overall political, ideological, and world views?

	Unimportant					Important				
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Reaction to Statement |

Do you think your friends, family, and co-workers would be upset if you switched your stance on abortion?

	No									Yes
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

You question whether someone is genuinely a conservative Republican if they are pro-choice.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

You question whether someone is genuinely a liberal Democrat if they are pro-life.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Some have argued that it might be unconstitutional to legally recognize a 23-week newborn that weighs 17 ounces, which needs a respirator to survive, as a person under the constitution but not legally recognize a 40-week fetus that weighs 8 pounds as a person since it is viable and can survive outside of the womb.

Does the Fourteenth Amendment's Equal Protection Clause, which says that all persons deserve equal protection under the law, require the legal recognition of a viable 40-week fetus under the U.S. Constitution?

	No									Yes
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which statement most closely describes the logic that underlies your position on abortion laws?

- Human fetuses are not all biological humans, so they do not deserve legal protection and abortions should not be legally restricted
- All human fetuses are biological humans, but they do not deserve legal protection so abortions should not be legally restricted
- All human fetuses are biological humans, and they do deserve legal protection but abortions should not be legally restricted because the right to abortion is more important than the right to life
- All human fetuses are biological humans, and they do deserve legal protection but some abortions should be legally restricted because the right to life is more important than the right to abortion in some circumstances

- All human fetuses are biological humans, and they do deserve legal protection but most abortions should be legally restricted because the right to life is more important than the right to abortion in most circumstances
- All human fetuses are biological humans, and they do deserve legal protection but all abortions should be legally restricted because the right to life is more important than the right to abortion in all circumstances
- I do not agree with the logic described in any of the statements

If you believe abortion laws should have a legal exception that permits abortions of pregnancies that resulted from rape or incest, then what is that exception based on?

- Since they did not consent to sex, they deserve the right to abort a resulting pregnancy
- An unwanted pregnancy that resulted from nonconsensual sex can put the pregnant person at a greater risk of mental illness, so they deserve the right to protect their mental health
- An unwanted pregnancy that resulted from nonconsensual sex can put the pregnant person at a greater risk of suicide, so they deserve the right to reduce their risk of death
- Other

Suppose that a coalition of women will form and decide to take concrete steps to undo the patriarchal structure of the United States. Tens of millions of women will agree to find out the gender early in pregnancy and abort any pregnancy of a male fetus. Each year, 95% of infants will be female at birth.

If this were to happen, should sex-selective abortion remain a federally-protected right or should the U.S. government rethink its abortion laws?

	Maintain Current Laws					Rethink Current Laws				
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

When abortions are illegal, doctors and medical professionals do not perform illegal abortions and pregnant people are forced to perform self-abortion.

	Do Not Agree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Making abortions illegal would prevent some pregnant people from aborting their pregnancies.

	Do Not Agree								Agree	
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If abortion was illegal, then I would be less likely to abort a pregnancy or to encourage someone to abort theirs.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In Washington state, abortion is legal throughout pregnancy. Is it moral for a pregnant person to abort their pregnancy in its 40th week for reasons unrelated to their health or the health of the fetus?

	Immoral									Moral
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In Washington state, abortion is legal throughout pregnancy. Is it moral for a pregnant person to abort their pregnancy in its 40th week for reasons unrelated to their health or the health of the fetus?

	Immoral									Moral
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you believe abortion should sometimes be restricted, what is the primary reason behind the restriction?

- To protect the pregnant person
- To protect the fetus
- To punish the pregnant person
- To punish the person who performed the abortion
- To express American values

If a person is 38 weeks pregnant breaks up with the father of the child and becomes depressed at the thought of sharing custody with their ex, they should be able to get a legal abortion to protect their mental health.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Recent legislation in New York and Virginia shows that Roe v. Wade permits states to legalize abortion for any reason up until birth. Given this, do you support Roe as it is or do you believe the Supreme Court should reconsider its decision in Roe to modify it in some way?

Keep Roe as it is Reconsider Roe

	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Recent polls suggest 26% of pro-life Americans believe all abortions should be illegal and 21% of pro-choice Americans believe all abortions should be legal. 70% of Americans believe abortion laws should balance the interests of the fetus against those of pregnant people and craft laws that restrict some abortions and permit other ones. In fact, 80% of Americans believe abortion should be illegal after the first trimester.

In light of this, how likely is it that the national controversy on abortion could end through compromise, so it just becomes a minor political issue?

	Unlikely									Likely
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What do you think Roe v. Wade said about U.S. abortion law? (Select all that apply)

- Permitted all abortions
- Restricted all abortions
- Permitted elective abortions up until viability
- Allowed states to restrict elective abortions after viability
- Roe v. Wade was not about abortion

A pregnant person who has an abortion is at a significant risk of dying, becoming infertile, or developing cancer.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If the United States Supreme Court recognizes fetuses as persons with rights under the Fourteenth Amendment, and yet kept abortion legal throughout most of pregnancy by arguing that a pregnant person's right to self-defense outweighs a fetus' right to life, would you feel that would affect the justification for abortion rights?

	Weaken Abortion Rights					Strengthen Abortion Rights				
	1	2	3	4	5	6	7	8	9	10
Reaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

When you think about the right to abortion, what is the general right in which the right to abortion is most strongly grounded?

- The right to freedom
- The right to liberty

- The right to life
- The right to privacy
- The right to self-governance

What is the reason you believe abortion should be restricted in some circumstances? (Select all that apply)

- Condemn abortion
- Control women
- Protect women
- Protect fetuses
- Discourage sexual freedom

Why do Americans believe abortion should be restricted in some circumstances? (Select all that apply)

- Condemn abortion
- Control women
- Protect women
- Protect fetuses
- Discourage sexual freedom

Why do pro-life people believe abortion should be restricted in some circumstances? (Select all that apply)

- Condemn abortion
- Control women
- Protect women
- Protect fetuses
- Discourage sexual freedom

Why do pro-choice people believe abortion should be restricted in some circumstances? (Select all that apply)

- Condemn abortion
- Control women
- Protect women
- Protect fetuses
- Discourage sexual freedom

Laws can be solely justified as expressions of American values and morals.

Do Not Agree

Agree

	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

I would support a compromise that made all therapeutic abortions legal and elective abortion illegal throughout pregnancy.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

I would support a compromise that made all therapeutic abortions legal and elective abortion legal up until the fetal heartbeat (6th week).

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

I would support a compromise that made all therapeutic abortions legal and elective abortion legal in the first trimester (through the 13th week).

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

I would support a compromise that made all therapeutic abortions legal and elective abortion legal up until viability (through the 24th week).

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Suppose that legislators agree to comprehensive abortion reform that (1) provides financial assistance and health insurance to pregnant people, (2) streamlines and subsidizes the adoption process, (3) mandates sex education, (4) maximizes the access and affordability of contraceptives, (5) permits abortions for special circumstances such as pregnancies caused by rape and incest, pregnancies of preteens, ectopic pregnancies, and life-threatening pregnancies, and (6) restricts elective abortions at all points during pregnancy.

Would you support such comprehensive reproduction reform?

	No									Yes
	1	2	3	4	5	6	7	8	9	10
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Reaction to Statement |

Suppose that legislators agree to comprehensive abortion reform that (1) provides financial assistance and health insurance to pregnant people, (2) streamlines and subsidizes the adoption process, (3) mandates sex education, (4) maximizes the access and affordability of contraceptives, (5) permits abortions for special circumstances such as pregnancies caused by rape and incest, pregnancies of preteens, ectopic pregnancies, and life-threatening pregnancies, and (6) restricts elective abortions after the first trimester of pregnancy.

Would you support such comprehensive reproduction reform?

	No									Yes
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which comes closest to your opinion on abortion:

- Available to a woman at any time during pregnancy
- Only during the first six months of pregnancy
- Only during the first three months of pregnancy
- Only in cases of rape, incest, or to save the life of the mother
- Only to save the life of the mother
- Should never be permitted under any circumstances

Which comes closest to most Americans' opinion on abortion:

- Available to a woman at any time during pregnancy
- Only during the first six months of pregnancy
- Only during the first three months of pregnancy
- Only in cases of rape, incest, or to save the life of the mother
- Only to save the life of the mother
- Should never be permitted under any circumstances

Which comes closest to most pro-choice Americans' opinion on abortion:

- Available to a woman at any time during pregnancy
- Only during the first six months of pregnancy
- Only during the first three months of pregnancy
- Only in cases of rape, incest, or to save the life of the mother
- Only to save the life of the mother
- Should never be permitted under any circumstances

Which comes closest to most pro-life Americans' opinion on abortion:

- Available to a woman at any time during pregnancy
- Only during the first six months of pregnancy
- Only during the first three months of pregnancy
- Only in cases of rape, incest, or to save the life of the mother
- Only to save the life of the mother
- Should never be permitted under any circumstances

Is the statement "human life begins at conception":

	Biological and Scientific Fact						Philosophical or Religious Belief			
	1	2	3	4	5	6	7	8	9	10
Reaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Is the statement "a human's life begins at fertilization":

	Biological and Scientific Fact						Philosophical or Religious Belief			
	1	2	3	4	5	6	7	8	9	10
Reaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In how many circumstances should abortion be legal?

	No Circumstances						All Circumstances			
	1	2	3	4	5	6	7	8	9	10
Reaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Do you think abortions should be legal under any circumstances, legal only under most circumstances or illegal in all circumstances?

- Available to a woman at any time during pregnancy
- Only during the first six months of pregnancy
- Only during the first three months of pregnancy
- Only in cases of rape, incest, or to save the life of the mother
- Only to save the life of the mother
- Should never be permitted under any circumstances

In a previous version of this survey, 81% of 2,899 Americans selected Biologists as the group most qualified to

determine when life begins. 5,502 biologists were then surveyed and 95% affirmed the biological view that a human's life begins when the sperm fertilizes the egg (the moment of fertilization/conception).

Since a consensus of biologists determined that human fetuses are humans from the moment of fertilization, human fetuses should be considered humans by human rights declarations, groups, and commissions.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Abortion is a human rights violation because the right to life is more important or fundamental than the right to liberty, since you can have life without liberty but you cannot have liberty without life.

	Do Not Agree									Agree
	1	2	3	4	5	6	7	8	9	10
Reaction to Statement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In light of the survey results referenced above (95% of biologists determining that a human's life begins at fertilization), how should this collision of rights between the pregnant woman (the right to liberty) and the human fetus (the right to life) be assessed?

- Abortion is a human rights violation because the right to life is more important or fundamental than the right to liberty
- Abortion is a human rights violation because, while the right to life and liberty are equal, a fair compromise that respects both parties' rights could not allow for the death of one of the parties
- Abortion is not a human rights violation because the right to liberty is more important or fundamental than the right to life
- Abortion is not a human rights violation because, while the right to life and liberty are equal, a fair compromise that respects both parties' rights could not allow for a restriction of a pregnant person's right to abort
- No answer

In a recent poll, 46% of Americans said that 'life begins at conception' is a biological and scientific fact while 45% said that is a philosophical or religious belief.

Given the finding that a large majority of biologists affirmed 'life begins at fertilization' as a biological view, why do you think 45% of Americans do not recognize it as a scientific and biological fact?

- That finding is not common knowledge
- Some Americans do not understand the human life cycle
- It is uncomfortable to consider abortion as the killing of a human
- Some might want to ignore fetus' humanity to keep abortion legal
- Other

Here is a series of demographics questions.

Note: Please skip any question you prefer not to answer.

How would you rate your beliefs?

	Pro-Choice								Pro-Life	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your beliefs?

	Pro-Choice								Pro-Life	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your beliefs?

	Liberal								Conservative	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your beliefs?

	Socialist								Capitalist	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your beliefs?

	Democratic								Republican	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you were raised as a member of a religion, please select it:

- Agnostic
- Atheist
- Buddhist
- Catholic

- Hindu
- Jewish
- Lutheran
- Muslim
- Protestant
- None
- Other:

If you are a member of a religion or you adopt a religious identity, please select it:

- Agnostic
- Atheist
- Buddhist
- Catholic
- Hindu
- Jewish
- Lutheran
- Muslim
- Protestant
- None
- Other:

What is your race or ethnicity?

- African-American
- Asian
- Latino/Latina/Hispanic
- Middle Eastern
- Native American
- Pacific Islander
- South Asian
- White/Caucasian
- Other:

What is your gender?

- Male
- Female
- Other:

In what year were you born?

Please indicate your marital status.

- Never Married
- Married
- Widowed
- Divorced
- Prefer not to say

How many children do you have?

- 0
- 1
- 2
- 3
- 4 or more
- Prefer not to say

How many children would you like to have?

- 0
- 1
- 2
- 3
- 4 or more
- Prefer not to say

If you do not have children, how important is it that you have children one day?

Note: Please skip if you have children.

	Unimportant					Important				
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please indicate your approximate individual yearly income before taxes.

- Under \$25,000
- \$25,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 and over
- Prefer not to say

What is your highest level of education?

- Some high school
- High school graduate
- Some college
- College graduate
- Postgraduate/Professional School
- Other

In which country were you born?

Which state in America would you consider your "home state"?

Overall, how would you rate the beliefs of the person or people who raised you.

	Pro-Choice					Pro-Life				
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please feel free to share anything:

Thank you for participating in this study. This study was designed to improve researchers' understanding of Americans' beliefs about the U.S. abortion debate, which could reduce the hostility surrounding it and foster more productive policy discussions.

Your participation is much appreciated and will contribute to a better informed public discussion.

Please enter the following code into MTurk so your HIT can be approved:

`#{e://Field/MTurk}`

SUPPLEMENTARY FILE 6: CHAPTER 5 – SURVEY 1

Qualtrics Survey Software

4/28/19, 1:04 AM

Default Question Block

Page 1 of 3 - CONSENT FORM

Principal Investigator: Rick Shweder

IRB Study Number: IRB16-0743

DESCRIPTION: We are researchers at the University of Chicago doing a study about biology knowledge. If you agree to participate, you will be asked several questions related to biology. Participation usually takes 5 minutes.

RISKS and BENEFITS: The risks to your participation in this online study are those associated with basic computer tasks, including boredom, fatigue, minor stress, or breach of confidentiality. The only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge.

CONFIDENTIALITY: While you will provide your e-mail below to consent to participating, it will not be connected to your results and no personally identifying data will ever be made available or public. Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. We may share the data we collect in this study with other researchers doing future studies – if we share your data, we will not include information that could identify you.

PARTICIPANT'S RIGHTS: Your participation is voluntary. You may stop participating at any time by closing the browser window or the program to withdraw from the study.

For additional questions about this research, you may contact Steve Jacobs (stevejacobs@uchicago.edu).

For questions about your rights as a research participant, you may contact: The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu

Please enter your e-mail address, in the box below, to confirm that you are at least 18 years old, have read and understand this consent form, and you agree to participate in this online research study. If you do not consent, please close this browser window.

Email Address:

How would you describe your competency in biology?

	Incompetent					Competent				
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In which branch of biology do you feel most competent?

- Anatomy
- Biochemistry
- Botany
- Genetics
- Zoology

What is the highest degree you have obtained?

- Bachelor's
- Master's
- In PhD program
- PhD

- In MD program
- MD
- In MD/PhD program
- MD/PhD

What is your job title or position?

Page 2 of 3

You will now read a series of statements related to biology, biological classifications, genetics, and epigenetics that sometimes arise in political debates about abortion. If you think a statement is accurate, click "Accurate". If you think a statement is inaccurate, click "Inaccurate". If you do not feel comfortable answering a question in one of those two ways, click "Do Not Know".

Before today's survey, where would you have rated yourself on this scale?

	Pro-Choice					Pro-Life				
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

An individual mammalian organism's gene expression is impacted by both its genome, which it inherited from its parents through sexual reproduction, and its environment, through epigenetic modifications.

- Accurate

- Inaccurate
- Do Not Know

Epigenetic modifications do not modify the actual underlying genetic code, but “turn on” and “turn off” genes which can lead to changes in the mammal’s gene expression.

- Accurate
- Inaccurate
- Do Not Know

Epigenetics works through modifications of the methyl and acetyl groups that bind to DNA histones, which change how the proteins function and alter gene expression.

- Accurate
- Inaccurate
- Do Not Know

Both male and female mammalian organisms pass on their gene expression, their genome and epigenetic outcomes, through successful sexual reproduction.

- Accurate
- Inaccurate
- Do Not Know

The end product of mammalian fertilization is a fertilized egg (“zygote”), a new mammalian organism in the first stage of its species’ life cycle with its species’ genome in its nucleus.

- Accurate
- Inaccurate
- Do Not Know

A mammalian organism is classified as a member of a species when it has that species' genome in its nucleus and is developing in one of the stages of that species' life cycle.

- Accurate
- Inaccurate
- Do Not Know

The typical features of a living mammalian organism are as follows: (1) it uses energy to fuel itself, (2) it grows and develops in its species' life cycle, (3) it regulates itself through homeostasis, (4) it responds to stimuli, (5) it has the potential to reproduce if it becomes mature, (6) it adapts to its environment, and (7) it is able to organize simple substances into more complex ones.

- Accurate
- Inaccurate
- Do Not Know

It was discovered in a recent survey that Americans believe that biologists are the most credible group to define when life begins. From a purely biological perspective, the life of a mammal begins at fertilization.

- Accurate
- Inaccurate
- Do Not Know

What is your gender?

- Male
- Female

What is your age?

- 18-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65 and over

Please indicate your marital status.

- Single
- Married
- Widowed
- Divorced

What is your highest level of education?

- Some high school
- High school graduate
- Some college
- College graduate

Postgraduate/Professional School

Please indicate your approximate individual yearly income before taxes.

- Under \$25,000
- \$25,001 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 and over
- Prefer not to say

What is your race?

- White/Caucasian
- African-American
- Hispanic
- Asian
- Native American
- Pacific Islander
- Other

How many children do you have?

- 0
- 1
- 2

- 3
- 4 or more

Please feel free to share anything:

Thank you for participating in this study. The survey included items that measured biology knowledge and how that knowledge applies to an American political discussion. Your participation is much appreciated and will contribute to a better informed public discussion.

Powered by Qualtrics

SUPPLEMENTARY FILE 7: CHAPTER 5 – SURVEY 2

Qualtrics Survey Software

4/28/19, 1:03 AM

Default Question Block

Page 1 of 3 - CONSENT FORM

Principal Investigator: Rick Shweder

IRB Study Number: IRB16-0743

DESCRIPTION: We are researchers at the University of Chicago doing a study about biology knowledge. If you agree to participate, you will be asked several questions related to biology. Participation usually takes 5 minutes.

RISKS and BENEFITS: The risks to your participation in this online study are those associated with basic computer tasks, including boredom, fatigue, minor stress, or breach of confidentiality. The only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge.

CONFIDENTIALITY: While you will provide your e-mail below to consent to participating, it will not be connected to your results and no personally identifying data will ever be made available or public. Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. We may share the data we collect in this study with other researchers doing future studies – if we share your data, we will not include information that could identify you.

PARTICIPANT'S RIGHTS: Your participation is voluntary. You may stop participating at any time by closing the browser window or the program to withdraw from the study.

For additional questions about this research, you may contact Steve Jacobs (stevejacobs@uchicago.edu).

For questions about your rights as a research participant, you may contact: The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu

Please enter your e-mail address, in the box below, to confirm that you are at least 18 years old, have read and understand this consent form, and you agree to participate in this online research study. If you do not consent, please close this browser window.

Email Address:

How would you describe your competency in biology?

	Incompetent					Competent				
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In which branch of biology do you feel most competent?

- Anatomy
- Biochemistry
- Botany
- Genetics
- Zoology

What is the highest degree you have obtained?

- Bachelor's
- Master's
- In PhD program
- PhD

- In MD program
- MD
- In MD/PhD program
- MD/PhD

What is your job title or position?

Page 2 of 3

You will now read a series of statements related to biology, biological classifications, genetics, and epigenetics. If you think a statement is accurate, click "Accurate". If you think a statement is inaccurate, click "Inaccurate". If you do not feel comfortable answering a question in one of those two ways, click "Do Not Know".

An individual mammalian organism's gene expression is impacted by both its genome, which it inherited from its parents through sexual reproduction, and its environment, through epigenetic modifications.

- Accurate
- Inaccurate
- Do Not Know

Epigenetic modifications do not modify the actual underlying genetic code, but "turn on" and "turn off" genes which can lead to changes in the mammal's gene expression.

- Accurate

- Inaccurate
- Do Not Know

Epigenetics works through modifications of the methyl and acetyl groups that bind to DNA histones, which change how the proteins function and alter gene expression.

- Accurate
- Inaccurate
- Do Not Know

Both male and female mammalian organisms pass on their gene expression, their genome and epigenetic outcomes, through successful sexual reproduction.

- Accurate
- Inaccurate
- Do Not Know

The end product of mammalian fertilization is a fertilized egg (“zygote”), a new mammalian organism in the first stage of its species’ life cycle with its species’ genome in its nucleus.

- Accurate
- Inaccurate
- Do Not Know

A mammalian organism is classified as a member of a species when it has that species’ genome in its nucleus and is developing in one of the stages of that species’ life cycle.

- Accurate
- Inaccurate
- Do Not Know

The typical features of a living mammalian organism are as follows: (1) it uses energy to fuel itself, (2) it grows and develops in its species' life cycle, (3) it regulates itself through homeostasis, (4) it responds to stimuli, (5) it has the potential to reproduce if it becomes mature, (6) it adapts to its environment, and (7) it is able to organize simple substances into more complex ones.

- Accurate
- Inaccurate
- Do Not Know

It was discovered in a recent survey that Americans believe that biologists are the most credible group to define when life begins. From a purely biological perspective, the life of a mammal begins at fertilization.

- Accurate
- Inaccurate
- Do Not Know

Before today's survey, where would you have rated yourself on this scale?

	Pro-Choice							Pro-Life		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What is your gender?

- Male
- Female

What is your age?

- 18-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65 and over

Please indicate your marital status.

- Single
- Married
- Widowed
- Divorced

What is your highest level of education?

- Some high school
- High school graduate
- Some college
- College graduate

Postgraduate/Professional School

Please indicate your approximate individual yearly income before taxes.

- Under \$25,000
- \$25,001 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 and over
- Prefer not to say

What is your race?

- White/Caucasian
- African-American
- Hispanic
- Asian
- Native American
- Pacific Islander
- Other

How many children do you have?

- 0
- 1
- 2

- 3
- 4 or more

Please feel free to share anything:

Thank you for participating in this study. The survey included items that measured biology knowledge and how that knowledge applies to an American political discussion. Your participation is much appreciated and will contribute to a better informed public discussion.

Powered by Qualtrics

SUPPLEMENTARY FILE 8: CHAPTER 5 – SURVEY 3

Default Question Block

CONSENT FORM

IRB Study Number: IRB16-1228

DESCRIPTION: I am a social science graduate student at the University of Chicago doing a survey on academic biologists' knowledge of biology and their opinions on how that knowledge applies to broader social issues. If you agree to participate, you will be asked questions on your biological knowledge and your opinions on how it relates to social issues. Participation usually takes around 5 minutes.

RISKS and BENEFITS: The risks to your participation in this online study are those associated with basic computer tasks, including boredom, fatigue, minor stress, or breach of confidentiality. There is also a risk of experiencing conflicted feelings. The only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge.

CONFIDENTIALITY: While you will provide your e-mail below to consent to participating, it will not be connected to your results and no personally identifying data will ever be made available or public. Further, none of your free response answers or statements will be published or quoted in any publications. Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. We may share the data we collect in this study with other researchers doing future studies – if we share your data, we will not include information that could identify you.

PARTICIPANT'S RIGHTS: Your participation is voluntary. You may stop participating at any time by closing the browser window or the program to withdraw from the study. If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu).

For additional questions about this research, you may contact Steve Jacobs (stevejacobs@uchicago.edu).

For questions about your rights as a research participant, you may contact The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu.

Please enter your e-mail address, in the box below, to confirm that you are at least 18 years old, have read and understood this consent form, and you agree to participate in this online research study. If you do not consent, please close this browser window.

Email Address:

How would you describe your competency in biology?

	Incompetent							Competent		
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In which branch of biology do you feel most competent?

- Anatomy
- Biochemistry
- Botany
- Cellular Biology
- Developmental Biology
- Ecology
- Genetics
- Molecular Biology
- Physiology

Zoology

What is the highest degree you have obtained?

- Bachelor's
- Master's
- In PhD program
- PhD
- In MD program
- MD
- In MD/PhD program
- MD/PhD

What is your job title or position?

Here is a series of questions on your biology knowledge.

An individual mammalian organism's gene expression is impacted by both its genome, which it inherited from its parents through sexual reproduction, and its environment, through epigenetic modifications.

- Correct
- Incorrect
- Cannot Answer

Methyl and acetyl groups are epigenetic tags, chemicals that act as "switches" that determine gene expression without changing the underlying genetic code.

- Correct
- Incorrect
- Cannot Answer

Epigenetic tags turn genes on or off in response to cell signals, creating a dynamic layer of control called the epigenome.

- Correct
- Incorrect
- Cannot Answer

Transgenerational epigenetic inheritance is the transmittance of information from one generation of an organism to the next, from parent to child, that affects the traits of offspring without altering the sequence of nucleotides.

- Correct
- Incorrect
- Cannot Answer

A major barrier to transgenerational epigenetic inheritance is germline reprogramming, during which histone variants and their modifications are all reset immediately after fertilization.

- Correct
- Incorrect
- Cannot Answer

The end product of mammalian fertilization is a fertilized egg (“zygote”), a new mammalian organism in the first stage of its species’ life cycle with its species’ genome.

- Correct
- Incorrect
- Cannot Answer

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Correct
- Incorrect
- Cannot Answer

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Correct
- Incorrect
- Cannot Answer

From a biological perspective, a mammalian organism that has a human genome is a human.

- Correct
- Incorrect
- Cannot Answer

Here is a series of questions related to your biological knowledge, and your opinions on that knowledge and how it relates to discussions in the academic community.

Many Americans believe biologists are most qualified to answer the question "When does life begin?".

Do you agree that biologists are most qualified to define when life begins?

- Agree
- Disagree
- Cannot Answer

Please feel free to share your reasoning:

From a biological perspective, how would you answer the question "When does life begin?".

Many biologists define fertilization as the moment a mammal's life begins.

What are your thoughts on this?

From a biological perspective, do you think it is appropriate to define human zygotes as “members of the human family”?

The end product of mammalian fertilization is a fertilized egg (“zygote”), a new mammalian organism in the first stage of its species' life cycle with its species' genome.

- Correct
- Incorrect
- Cannot Answer

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Correct

- Incorrect
- Cannot Answer

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Correct
- Incorrect
- Cannot Answer

From a biological perspective, a mammalian organism that has a human genome is a human.

- Correct
- Incorrect
- Cannot Answer

Here is a series of questions about yourself and your opinions.

How would you rate your opinion? (Note: Please skip this question if you prefer not to say)

	Pro-Choice					Pro-Life				
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What is your gender?

- Male
- Female
- Prefer not to say

What is your age?

- 18-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65 and over
- Prefer not to say

Please indicate your marital status.

- Single
- Married
- Widowed
- Divorced
- Prefer not to say

What is your highest level of education?

- Some high school
- High school graduate
- Some college

- College graduate
- Postgraduate/Professional School
- Prefer not to say

Please indicate your approximate individual yearly income before taxes.

- Under \$25,000
- \$25,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 and over
- Prefer not to say

What is your race?

- White/Caucasian
- African-American
- Hispanic
- Asian
- Native American
- Pacific Islander
- Other
- Prefer not to say

How many children do you have?

- 0
- 1
- 2
- 3
- 4 or more
- Prefer not to say

Please feel free to share any additional thoughts:

Thank you for participating in this study. The survey included items that measured academic biologists' knowledge of biology and their opinions on how that knowledge applies to broader social issues. Your participation is much appreciated. It will contribute to a better informed public discussion of abortion, since you have provided insight into biologists' perspective on some of the biological aspects of the public abortion discussion.

If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu). For questions or concerns about your rights as a research participant, please contact the University of Chicago Social and Behavioral Sciences IRB by email at sbs-irb@uchicago.edu or by phone at 773-834-7835.

Some of the questions in this survey were adapted from biological texts:

Methyl and acetyl are epigenetic tags, chemicals that act as "switches" that determine gene expression without changing the underlying genetic code.

- <http://teach.genetics.utah.edu/content/epigenetics/print/DNA%20Histone%20ModelFinal.pdf>

Epigenetic tags turn genes on or off in response to cell signals, creating a dynamic layer of control called the epigenome.

- <http://teach.genetics.utah.edu/content/epigenetics/print/DNA%20Histone%20ModelFinal.pdf>

Transgenerational epigenetic inheritance is the transmittance of information from one generation of an organism to the next, from parent to child, that affects the traits of offspring without altering the sequence of nucleotides.

- https://en.wikipedia.org/wiki/Transgenerational_epigenetic_inheritance

A major barrier to transgenerational epigenetic inheritance is germline reprogramming, during which histone variants and their modifications are all reset immediately after fertilization.

- [http://www.cell.com/cell/fulltext/S0092-8674\(14\)00286-4](http://www.cell.com/cell/fulltext/S0092-8674(14)00286-4)

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Moore, K.L., *The Developing Human: Clinically Oriented Embryology*, 7th edition. Philadelphia, PA: Saunders, 2003. pp. 16, 2.

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Sadler, T.W., *Langman's Medical Embryology*. 7th edition. Baltimore: Williams & Wilkins 1995, p. 3.

Powered by Qualtrics

SUPPLEMENTARY FILE 9: CHAPTER 5 – SURVEY 4

Default Question Block

CONSENT FORM

IRB Study Number: IRB16-1228

DESCRIPTION: I am a social science graduate student at the University of Chicago doing a survey on academic biologists' knowledge of biology and their opinions on how that knowledge applies to broader social issues. If you agree to participate, you will be asked questions on your biological knowledge and your opinions on how it relates to social issues. Participation usually takes around 5 minutes.

RISKS and BENEFITS: The risks to your participation in this online study are those associated with basic computer tasks, including boredom, fatigue, minor stress, or breach of confidentiality. There is also a risk of experiencing conflicted feelings. The only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge.

CONFIDENTIALITY: While you will provide your e-mail below to consent to participating, it will not be connected to your results and no personally identifying data will ever be made available or public. Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. We may share the data we collect in this study with other researchers doing future studies – if we share your data, we will not include information that could identify you.

PARTICIPANT'S RIGHTS: Your participation is voluntary. You may stop participating at any time by closing the browser window or the program to withdraw from the study. Once you begin the study, all data you provide may be used in analyses unless you make a request for it to be excluded. If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu).

For additional questions about this research, you may contact Steve Jacobs (stevejacobs@uchicago.edu).

For questions about your rights as a research participant, you may contact The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu.

Please enter your e-mail address, in the box below, to confirm that you are at least 18 years old, have read and understood this consent form, and you agree to participate in this online research study. If you do not consent, please close this browser window.

Email Address:

How would you describe your competency in biology?

	Incompetent							Competent		
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In which branch of biology do you feel most competent?

- Anatomy
- Biochemistry
- Botany
- Cellular Biology
- Developmental Biology
- Ecology
- Genetics
- Molecular Biology
- Physiology

Zoology

What is the highest degree you have obtained?

- Bachelor's
- Master's
- In PhD program
- PhD
- In MD program
- MD
- In MD/PhD program
- MD/PhD

What is your job title or position?

Here is a series of questions on your biology knowledge.

An individual mammalian organism's gene expression is impacted by both its genome, which it inherited from its parents through sexual reproduction, and its environment, through epigenetic modifications.

- Correct
- Incorrect
- Cannot Answer

Methyl and acetyl groups are epigenetic tags, chemicals that act as "switches" that determine gene expression without changing the underlying genetic code.

- Correct
- Incorrect
- Cannot Answer

Epigenetic tags turn genes on or off in response to cell signals, creating a dynamic layer of control called the epigenome.

- Correct
- Incorrect
- Cannot Answer

Transgenerational epigenetic inheritance is the transmittance of information from one generation of an organism to the next, from parent to child, that affects the traits of offspring without altering the sequence of nucleotides.

- Correct
- Incorrect
- Cannot Answer

A major barrier to transgenerational epigenetic inheritance is germline reprogramming, during which histone variants and their modifications are all reset immediately after fertilization.

- Correct
- Incorrect
- Cannot Answer

The end product of mammalian fertilization is a fertilized egg (“zygote”), a new mammalian organism in the first stage of its species’ life cycle with its species’ genome.

- Correct
- Incorrect
- Cannot Answer

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Correct
- Incorrect
- Cannot Answer

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Correct
- Incorrect
- Cannot Answer

From a biological perspective, a mammalian organism that has a human genome is a human.

- Correct
- Incorrect
- Cannot Answer

Here is a series of questions related to your biological knowledge, and your opinions on that knowledge and how it relates to discussions in the academic community.

Many people believe biologists are most qualified to answer the question "When does life begin?".

Do you agree that biologists are most qualified to define when life begins?

- Agree
- Disagree
- Cannot Answer

Please feel free to share your reasoning:

From a biological perspective, how would you answer the question "When does life begin?".

Many biologists define fertilization as the moment a mammal's life begins.

What are your thoughts on this?

From a biological perspective, do you think it is appropriate to define human zygotes as “members of the human family”?

The end product of mammalian fertilization is a fertilized egg (“zygote”), a new mammalian organism in the first stage of its species' life cycle with its species' genome.

- Correct
- Incorrect
- Cannot Answer

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Correct
- Incorrect
- Cannot Answer

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Correct
- Incorrect
- Cannot Answer

From a biological perspective, a mammalian organism that has a human genome is a human.

- Correct
- Incorrect
- Cannot Answer

Please feel free to share any additional thoughts:

Here is a series of demographics questions.

Note: Please skip any question you prefer not to answer.

How would you rate your opinion?

	Pro-Choice							Pro-Life		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your opinion?

	Liberal							Conservative		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your opinion?

	Democratic							Republican		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you are a member of a religion or you adopt a religious identity, please select it:

- Agnostic
- Atheist
- Buddhist

- Catholic
- Protestant
- Hindu
- Jewish
- Lutheran
- Muslim
- None
- If unlisted, please enter your religion:

What is your race or ethnicity?

What country were you born in?

Is English your native language?

If English is not your native language, please describe if it is your 2nd, 3rd, 4th, or 5th language, etc.

- Yes
- No

What is your gender?

- Male
- Female
- If unlisted, please enter your gender:

What year were you born?

Please indicate your marital status.

- Never Married
- Married
- Widowed
- Divorced

How many children do you have?

- 0
- 1
- 2
- 3
- 4 or more

Please indicate your approximate individual yearly income before taxes.

- Under \$25,000

- \$25,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 and over

Please feel free to share any additional thoughts:

Thank you for participating in this study. The survey included items that measured academic biologists' knowledge of biology and their opinions on how that knowledge applies to broader social issues. Your participation is much appreciated. It will contribute to a better informed public discussion of abortion, since you have provided insight into biologists' perspective on some of the biological aspects of the public abortion discussion.

If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu). For questions or concerns about your rights as a research participant, please contact the University of Chicago Social and Behavioral Sciences IRB by email at sbs-irb@uchicago.edu or by phone at 773-834-7835.

Some of the questions in this survey were adapted from biological texts:

Methyl and acetyl are epigenetic tags, chemicals that act as "switches" that determine gene expression without changing the underlying genetic code.

- <http://teach.genetics.utah.edu/content/epigenetics/print/DNA%20Histone%20ModelFinal.pdf>

Epigenetic tags turn genes on or off in response to cell signals, creating a dynamic layer of control called the epigenome.

- <http://teach.genetics.utah.edu/content/epigenetics/print/DNA%20Histone%20ModelFinal.pdf>

Transgenerational epigenetic inheritance is the transmittance of information from one generation of an organism to the next, from parent to child, that affects the traits of offspring without altering the sequence of nucleotides.

- https://en.wikipedia.org/wiki/Transgenerational_epigenetic_inheritance

A major barrier to transgenerational epigenetic inheritance is germline reprogramming, during which histone variants and their modifications are all reset immediately after fertilization.

- [http://www.cell.com/cell/fulltext/S0092-8674\(14\)00286-4](http://www.cell.com/cell/fulltext/S0092-8674(14)00286-4)

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Moore, K.L., *The Developing Human: Clinically Oriented Embryology*, 7th edition. Philadelphia, PA: Saunders, 2003. pp. 16, 2.

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Sadler, T.W., *Langman's Medical Embryology*. 7th edition. Baltimore: Williams & Wilkins 1995, p. 3.

Powered by Qualtrics

SUPPLEMENTARY FILE 10: CHAPTER 5 – SURVEY 5

Qualtrics Survey Software

4/28/19, 12:56 AM

Default Question Block

CONSENT FORM

IRB Study Number: IRB16-1228

DESCRIPTION: I am a social sciences graduate student at the University of Chicago doing a study that uses the mediation method, a type of alternative dispute resolution, to understand the contentiousness of a public debate. This survey includes questions about scientific knowledge and opinions, as well as questions about basic demographic information. Participation usually takes around 10 minutes.

RISKS and BENEFITS: The risks to your participation in this online study are those associated with basic computer tasks, including boredom, fatigue, minor stress, or breach of confidentiality. There is also a risk of experiencing conflicted feelings. The only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge.

CONFIDENTIALITY: No personally identifying data will ever be made available or public. Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. We may share the data we collect in this study with other researchers doing future studies – if we share your data, we will not include information that could identify you.

PARTICIPANT'S RIGHTS: Your participation is voluntary. You may stop participating at any time by closing the browser window or the program to withdraw from the study. Once you begin the study, all data you provide may be used in analyses unless you make a request for it to be excluded. If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu).

For questions about your rights as a research participant, you may contact The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu.

Please indicate, in the box below, that you are at least 18 years old, you have read and understand this consent form, and you agree to participate in this online research study.

- I AGREE to participate
- I DO NOT AGREE to participate

How would you describe your expertise in biology?

No Expertise										Complete Expertise	
1	2	3	4	5	6	7	8	9	10		

<https://ssd.az1.qualtrics.com/Q/EditSection/Blocks/Ajax/GetSurveyPrintPreview>

Page 1 of 10

Rating



In which branch of biology do you feel you have the most expertise?

- Anatomy
- Biochemistry
- Botany
- Cellular Biology
- Developmental Biology
- Ecology
- Genetics
- Molecular Biology
- Physiology
- Zoology
- Other

What is the highest degree you have obtained?

- Bachelor's
- Master's
- PhD
- MD
- MD/PhD

What is your job title or position?

Here is a series of general questions about biology.

An individual mammalian organism's gene expression is impacted by both its genome, which it inherited from its parents through sexual reproduction, and its environment, through epigenetic modifications.



- Correct
- Incorrect
- Cannot Answer

Methyl and acetyl groups are epigenetic tags, chemicals that act as "switches" that determine gene expression without changing the underlying genetic code.

- Correct
- Incorrect
- Cannot Answer

Epigenetic tags turn genes on or off in response to cell signals, creating a dynamic layer of control called the epigenome.

- Correct
- Incorrect
- Cannot Answer

Transgenerational epigenetic inheritance is the transmittance of information from one generation of an organism to the next, from parent to child, that affects the traits of offspring without altering the sequence of nucleotides.

- Correct
- Incorrect
- Cannot Answer

A major barrier to transgenerational epigenetic inheritance is germline reprogramming, during which histone variants and their modifications are all reset immediately after fertilization.

- Correct
- Incorrect
- Cannot Answer

The end product of mammalian fertilization is a fertilized egg ("zygote"), a new mammalian organism in the first stage of its species' life cycle with its species' genome.

- Correct
-

- Incorrect
- Cannot Answer

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Correct
- Incorrect
- Cannot Answer

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Correct
- Incorrect
- Cannot Answer

From a biological perspective, a zygote that has a human genome is a human because it is a human organism developing in the earliest stage of the human life cycle.

- Correct
- Incorrect
- Cannot Answer

In developmental biology, fertilization marks the beginning of a human's life since that process produces an organism with a human genome that has begun to develop in the first stage of the human life cycle.

- Correct
- Incorrect
- Cannot Answer

This survey relates to the controversial public debate surrounding abortion.

Here is a series of questions related to your thoughts on that debate.

How would you rate your opinion?

(Note: Please skip this question if you prefer not to say)

	Pro-Choice							Pro-Life		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which group do you think is most qualified to answer the question "When does a human's life begin?"

- Biologists
- Philosophers
- Religious Leaders
- Supreme Court Justices
- Voters

In a recent survey, a large majority of participants selected biologists as the group most qualified to answer the question "When does a human's life begin?".

Do you agree that biologists are most qualified to define when a human's life begins?

- Agree
- Disagree
- Cannot Answer

Please feel free to share your reasoning:

From a biological perspective, how would you answer the question "When does a human's life begin?":

Here is a series of general questions about biology.

The end product of mammalian fertilization is a fertilized egg (“zygote”), a new mammalian organism in the first stage of its species’ life cycle with its species’ genome.

- Correct
- Incorrect
- Cannot Answer

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Correct
- Incorrect
- Cannot Answer

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Correct
- Incorrect
- Cannot Answer

From a biological perspective, a zygote that has a human genome is a human because it is a human organism developing in the earliest stage of the human life cycle.

- Correct
- Incorrect
- Cannot Answer

In developmental biology, fertilization marks the beginning of a human's life since that process produces an organism with a human genome that has begun to develop in the first stage of the human life cycle.

- Correct
- Incorrect
- Cannot Answer

Here is a series of demographics questions.

Note: Please skip any question you prefer not to answer.

How would you rate your opinion?

	Pro-Choice								Pro-Life	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your opinion?

	Liberal								Conservative	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your opinion?

	Democratic								Republican	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you are a member of a religion or you adopt a religious identity, please select it:

- Agnostic
- Atheist
- Buddhist
- Catholic
- Protestant
- Hindu
- Jewish
- Lutheran
- Muslim
- None

If unlisted, please enter your religion:

What is your race or ethnicity?

What country were you born in?

Is English your native language?

If English is not your native language, please describe if it is your 2nd, 3rd, 4th, or 5th language, etc.

Yes

No

What is your gender?

Male

Female

If unlisted, please enter your gender:

What year were you born?

Please indicate your marital status.

Never Married

Married

Widowed

Divorced

How many children do you have?

- 0
- 1
- 2
- 3
- 4 or more

Please indicate your approximate individual yearly income before taxes.

- Under \$25,000
- \$25,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 and over

Please feel free to share any additional thoughts:

Thank you for participating in this study. The survey is part of a broader project aimed at using the mediation method, a type of alternative dispute resolution, to understand the abortion debate, reduce the hostility surrounding it, and foster more productive policy discussions. While abortion is a topic that incorporates numerous perspectives from a wide range of disciplines, survey data suggested that biologists' knowledge and opinions were important for the debate. Thank you for your contribution to the debate.

If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu). For questions or concerns about your rights as a research participant, please contact the University of Chicago Social and Behavioral Sciences IRB by e-mail at sbs-irb@uchicago.edu or by phone at 773-834-7835.

Some of the questions in this survey were adapted from biological texts:

Methyl and acetyl are epigenetic tags, chemicals that act as "switches" that determine gene expression without changing the underlying genetic code.

- <http://teach.genetics.utah.edu/content/epigenetics/print/DNA%20Histone%20ModelFinal.pdf>

Epigenetic tags turn genes on or off in response to cell signals, creating a dynamic layer of control called the epigenome.

- <http://teach.genetics.utah.edu/content/epigenetics/print/DNA%20Histone%20ModelFinal.pdf>

Transgenerational epigenetic inheritance is the transmittance of information from one generation of an organism to the next, from parent to child, that affects the traits of offspring without altering the sequence of nucleotides.

- https://en.wikipedia.org/wiki/Transgenerational_epigenetic_inheritance

A major barrier to transgenerational epigenetic inheritance is germline reprogramming, during which histone variants and their modifications are all reset immediately after fertilization.

- [http://www.cell.com/cell/fulltext/S0092-8674\(14\)00286-4](http://www.cell.com/cell/fulltext/S0092-8674(14)00286-4)

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Moore, K.L., *The Developing Human: Clinically Oriented Embryology*, 7th edition. Philadelphia, PA: Saunders, 2003. pp. 16, 2.

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Sadler, T.W., *Langman's Medical Embryology*. 7th edition. Baltimore: Williams & Wilkins 1995, p. 3.

SUPPLEMENTARY FILE 11: CHAPTER 5 – SURVEY 6

Qualtrics Survey Software

4/28/19, 12:57 AM

Default Question Block

CONSENT FORM

IRB Study Number: IRB16-1228

DESCRIPTION: I am a social sciences graduate student at the University of Chicago doing a study that uses the mediation method, a type of alternative dispute resolution, to understand the contentiousness of a public debate. This survey includes questions about scientific knowledge and opinions, as well as questions about basic demographic information. Participation usually takes around 10 minutes.

RISKS and BENEFITS: The risks to your participation in this online study are those associated with basic computer tasks, including boredom, fatigue, minor stress, or breach of confidentiality. There is also a risk of experiencing conflicted feelings. The only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge.

CONFIDENTIALITY: No personally identifying data will ever be made available or public. Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. We may share the data we collect in this study with other researchers doing future studies – if we share your data, we will not include information that could identify you.

PARTICIPANT'S RIGHTS: Your participation is voluntary. You may stop participating at any time by closing the browser window or the program to withdraw from the study. Once you begin the study, all data you provide may be used in analyses unless you make a request for it to be excluded. If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu).

For questions about your rights as a research participant, you may contact The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu.

Please indicate, in the box below, that you are at least 18 years old, you have read and understand this consent form, and you agree to participate in this online research study.

- I AGREE to participate
- I DO NOT AGREE to participate

How would you describe your expertise in biology?

No Expertise										Complete Expertise
	1	2	3	4	5	6	7	8	9	10

<https://ssd.az1.qualtrics.com/Q/EditSection/Blocks/Ajax/GetSurveyPrintPreview>

Page 1 of 10

Rating



In which branch of biology do you feel you have the most expertise?

- Anatomy
- Biochemistry
- Botany
- Cellular Biology
- Developmental Biology
- Ecology
- Genetics
- Molecular Biology
- Physiology
- Zoology
- Other

What is the highest degree you have obtained?

- Bachelor's
- Master's
- PhD
- MD
- MD/PhD

What is your job title or position?

Here is a series of general questions about biology.

An individual mammalian organism's gene expression is impacted by both its genome, which it inherited from its parents through sexual reproduction, and its environment, through epigenetic modifications.



- Correct
- Incorrect
- Cannot Answer

Methyl and acetyl groups are epigenetic tags, chemicals that act as "switches" that determine gene expression without changing the underlying genetic code.

- Correct
- Incorrect
- Cannot Answer

Epigenetic tags turn genes on or off in response to cell signals, creating a dynamic layer of control called the epigenome.

- Correct
- Incorrect
- Cannot Answer

Transgenerational epigenetic inheritance is the transmittance of information from one generation of an organism to the next, from parent to child, that affects the traits of offspring without altering the sequence of nucleotides.

- Correct
- Incorrect
- Cannot Answer

A major barrier to transgenerational epigenetic inheritance is germline reprogramming, during which histone variants and their modifications are all reset immediately after fertilization.

- Correct
- Incorrect
- Cannot Answer

The end product of mammalian fertilization is a fertilized egg ("zygote"), a new mammalian organism in the first stage of its species' life cycle with its species' genome.

- Correct
-

- Incorrect
- Cannot Answer

From a biological perspective, a zygote that has a human genome is a human because it is an organism developing in the first stage of the human life cycle.

- Correct
- Incorrect
- Cannot Answer

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Correct
- Incorrect
- Cannot Answer

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Correct
- Incorrect
- Cannot Answer

In developmental biology, fertilization marks the beginning of a human's life since that process produces an organism with a human genome that has begun to develop in the first stage of the human life cycle.

- Correct
- Incorrect
- Cannot Answer

This survey relates to the controversial public debate surrounding abortion.

Here is a series of questions related to your thoughts on that debate.

How would you rate your opinion?

(Note: Please skip this question if you prefer not to say)

	Pro-Choice							Pro-Life		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which group do you think is most qualified to answer the question "When does a human's life begin?"

- Biologists
- Philosophers
- Religious Leaders
- Supreme Court Justices
- Voters

In a recent survey, a large majority of participants selected biologists as the group most qualified to answer the question "When does a human's life begin?"

Do you agree that biologists are most qualified to define when a human's life begins?

- Agree
- Disagree
- Cannot Answer

Please feel free to share your reasoning:

From a biological perspective, how would you answer the question "When does a human's life begin?":

Here is a series of general questions about biology.

The end product of mammalian fertilization is a fertilized egg (“zygote”), a new mammalian organism in the first stage of its species’ life cycle with its species’ genome.

- Correct
- Incorrect
- Cannot Answer

From a biological perspective, a zygote that has a human genome is a human because it is an organism developing in the first stage of the human life cycle.

- Correct
- Incorrect
- Cannot Answer

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Correct
- Incorrect
- Cannot Answer

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Correct
- Incorrect
- Cannot Answer

In developmental biology, fertilization marks the beginning of a human's life since that process produces an organism with a human genome that has begun to develop in the first stage of the human life cycle.

- Correct
- Incorrect
- Cannot Answer

Here is a series of demographics questions.

Note: Please skip any question you prefer not to answer.

How would you rate your opinion?

	Pro-Choice								Pro-Life	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your opinion?

	Liberal								Conservative	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your opinion?

	Democratic								Republican	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you are a member of a religion or you adopt a religious identity, please select it:

- Agnostic
- Atheist
- Buddhist
- Catholic
- Protestant
- Hindu
- Jewish
- Lutheran
- Muslim
- None

If unlisted, please enter your religion:

What is your race or ethnicity?

What country were you born in?

Is English your native language?

If English is not your native language, please describe if it is your 2nd, 3rd, 4th, or 5th language, etc.

Yes

No

What is your gender?

Male

Female

If unlisted, please enter your gender:

What year were you born?

Please indicate your marital status.

Never Married

Married

Widowed

Divorced

How many children do you have?

- 0
- 1
- 2
- 3
- 4 or more

Please indicate your approximate individual yearly income before taxes.

- Under \$25,000
- \$25,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 and over

Please feel free to share any additional thoughts:

Thank you for participating in this study. The survey is part of a broader project aimed at using the mediation method, a type of alternative dispute resolution, to understand the abortion debate, reduce the hostility surrounding it, and foster more productive policy discussions. While abortion is a topic that incorporates numerous perspectives from a wide range of disciplines, survey data suggested that biologists' knowledge and opinions were important for the debate. Thank you for your contribution to the debate.

If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu). For questions or concerns about your rights as a research participant, please contact the University of Chicago Social and Behavioral Sciences IRB by e-mail at sbs-irb@uchicago.edu or by phone at 773-834-7835.

Some of the questions in this survey were adapted from biological texts:

Methyl and acetyl are epigenetic tags, chemicals that act as "switches" that determine gene expression without changing the underlying genetic code.

- <http://teach.genetics.utah.edu/content/epigenetics/print/DNA%20Histone%20ModelFinal.pdf>

Epigenetic tags turn genes on or off in response to cell signals, creating a dynamic layer of control called the epigenome.

- <http://teach.genetics.utah.edu/content/epigenetics/print/DNA%20Histone%20ModelFinal.pdf>

Transgenerational epigenetic inheritance is the transmittance of information from one generation of an organism to the next, from parent to child, that affects the traits of offspring without altering the sequence of nucleotides.

- https://en.wikipedia.org/wiki/Transgenerational_epigenetic_inheritance

A major barrier to transgenerational epigenetic inheritance is germline reprogramming, during which histone variants and their modifications are all reset immediately after fertilization.

- [http://www.cell.com/cell/fulltext/S0092-8674\(14\)00286-4](http://www.cell.com/cell/fulltext/S0092-8674(14)00286-4)

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Moore, K.L., *The Developing Human: Clinically Oriented Embryology*, 7th edition. Philadelphia, PA: Saunders, 2003. pp. 16, 2.

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Sadler, T.W., *Langman's Medical Embryology*. 7th edition. Baltimore: Williams & Wilkins 1995, p. 3.

SUPPLEMENTARY FILE 12: CHAPTER 5 – SURVEY 7

Qualtrics Survey Software

4/28/19, 1:01 AM

Default Question Block

CONSENT FORM

IRB Study Number: IRB16-1228

DESCRIPTION: I am a social sciences graduate student at the University of Chicago doing a study that uses the mediation method, a type of alternative dispute resolution, to understand the contentiousness of a public debate. This survey includes questions about scientific knowledge and opinions, as well as questions about basic demographic information. Participation usually takes around 10 minutes.

RISKS and BENEFITS: The risks to your participation in this online study are those associated with basic computer tasks, including boredom, fatigue, minor stress, or breach of confidentiality. There is also a risk of experiencing conflicted feelings. The only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge.

CONFIDENTIALITY: No personally identifying data will ever be made available or public. Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. We may share the data we collect in this study with other researchers doing future studies – if we share your data, we will not include information that could identify you.

PARTICIPANT'S RIGHTS: Your participation is voluntary. You may stop participating at any time by closing the browser window or the program to withdraw from the study. Once you begin the study, all data you provide may be used in analyses unless you make a request for it to be excluded. If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu).

For questions about your rights as a research participant, you may contact The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu.

Please indicate, in the box below, that you are at least 18 years old, you have read and understand this consent form, and you agree to participate in this online research study.

- I AGREE to participate
- I DO NOT AGREE to participate

How would you describe your expertise in biology?

No Expertise										Complete Expertise	
1	2	3	4	5	6	7	8	9	10		

<https://ssd.az1.qualtrics.com/Q/EditSection/Blocks/Ajax/GetSurveyPrintPreview>

Page 1 of 10

Rating



In which branch of biology do you feel you have the most expertise?

- Anatomy
- Biochemistry
- Botany
- Cellular Biology
- Developmental Biology
- Ecology
- Genetics
- Molecular Biology
- Physiology
- Zoology
- Other

What is the highest degree you have obtained?

- Bachelor's
- Master's
- PhD
- MD
- MD/PhD

What is your job title or position?

Here is a series of general questions about biology.

An individual mammalian organism's gene expression is impacted by both its genome, which it inherited from its parents through sexual reproduction, and its environment, through epigenetic modifications.



- Correct
- Incorrect
- Cannot Answer

Methyl and acetyl groups are epigenetic tags, chemicals that act as "switches" that determine gene expression without changing the underlying genetic code.

- Correct
- Incorrect
- Cannot Answer

Epigenetic tags turn genes on or off in response to cell signals, creating a dynamic layer of control called the epigenome.

- Correct
- Incorrect
- Cannot Answer

Transgenerational epigenetic inheritance is the transmittance of information from one generation of an organism to the next, from parent to child, that affects the traits of offspring without altering the sequence of nucleotides.

- Correct
- Incorrect
- Cannot Answer

A major barrier to transgenerational epigenetic inheritance is germline reprogramming, during which histone variants and their modifications are all reset immediately after fertilization.

- Correct
- Incorrect
- Cannot Answer

In developmental biology, fertilization marks the beginning of a human's life since that process produces an organism with a human genome that has begun to develop in the first stage of the human life cycle.

- Correct
-

- Incorrect
- Cannot Answer

From a biological perspective, a zygote that has a human genome is a human because it is a human organism developing in the earliest stage of the human life cycle.

- Correct
- Incorrect
- Cannot Answer

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Correct
- Incorrect
- Cannot Answer

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Correct
- Incorrect
- Cannot Answer

The end product of mammalian fertilization is a fertilized egg ("zygote"), a new mammalian organism in the first stage of its species' life cycle with its species' genome.

- Correct
- Incorrect
- Cannot Answer

This survey relates to the controversial public debate surrounding abortion.

Here is a series of questions related to your thoughts on that debate.

How would you rate your opinion?

(Note: Please skip this question if you prefer not to say)

	Pro-Choice							Pro-Life		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which group do you think is most qualified to answer the question "When does a human's life begin?"

- Biologists
- Philosophers
- Religious Leaders
- Supreme Court Justices
- Voters

In a recent survey, a large majority of participants selected biologists as the group most qualified to answer the question "When does a human's life begin?"

Do you agree that biologists are most qualified to define when a human's life begins?

- Agree
- Disagree
- Cannot Answer

Please feel free to share your reasoning:

From a biological perspective, how would you answer the question "When does a human's life begin?":

Here is a series of general questions about biology.

In developmental biology, fertilization marks the beginning of a human's life since that process produces an organism with a human genome that has begun to develop in the first stage of the human life cycle.

- Correct
- Incorrect
- Cannot Answer

From a biological perspective, a zygote that has a human genome is a human because it is a human organism developing in the earliest stage of the human life cycle.

- Correct
- Incorrect
- Cannot Answer

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Correct
- Incorrect
- Cannot Answer

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Correct
- Incorrect
- Cannot Answer

The end product of mammalian fertilization is a fertilized egg ("zygote"), a new mammalian organism in the first stage of its species' life cycle with its species' genome.

- Correct
- Incorrect
- Cannot Answer

Here is a series of demographics questions.

Note: Please skip any question you prefer not to answer.

How would you rate your opinion?

	Pro-Choice								Pro-Life	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your opinion?

	Liberal								Conservative	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your opinion?

	Democratic								Republican	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you are a member of a religion or you adopt a religious identity, please select it:

- Agnostic
- Atheist
- Buddhist
- Catholic
- Protestant
- Hindu
- Jewish
- Lutheran
- Muslim
- None

If unlisted, please enter your religion:

What is your race or ethnicity?

What country were you born in?

Is English your native language?

If English is not your native language, please describe if it is your 2nd, 3rd, 4th, or 5th language, etc.

Yes

No

What is your gender?

Male

Female

If unlisted, please enter your gender:

What year were you born?

Please indicate your marital status.

Never Married

Married

Widowed

Divorced

How many children do you have?

- 0
- 1
- 2
- 3
- 4 or more

Please indicate your approximate individual yearly income before taxes.

- Under \$25,000
- \$25,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 and over

Please feel free to share any additional thoughts:

Thank you for participating in this study. The survey is part of a broader project aimed at using the mediation method, a type of alternative dispute resolution, to understand the abortion debate, reduce the hostility surrounding it, and foster more productive policy discussions. While abortion is a topic that incorporates numerous perspectives from a wide range of disciplines, survey data suggested that biologists' knowledge and opinions were important for the debate. Thank you for your contribution to the debate.

If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu). For questions or concerns about your rights as a research participant, please contact the University of Chicago Social and Behavioral Sciences IRB by e-mail at sbs-irb@uchicago.edu or by phone at 773-834-7835.

Some of the questions in this survey were adapted from biological texts:

Methyl and acetyl are epigenetic tags, chemicals that act as "switches" that determine gene expression without changing the underlying genetic code.

- <http://teach.genetics.utah.edu/content/epigenetics/print/DNA%20Histone%20ModelFinal.pdf>

Epigenetic tags turn genes on or off in response to cell signals, creating a dynamic layer of control called the epigenome.

- <http://teach.genetics.utah.edu/content/epigenetics/print/DNA%20Histone%20ModelFinal.pdf>

Transgenerational epigenetic inheritance is the transmittance of information from one generation of an organism to the next, from parent to child, that affects the traits of offspring without altering the sequence of nucleotides.

- https://en.wikipedia.org/wiki/Transgenerational_epigenetic_inheritance

A major barrier to transgenerational epigenetic inheritance is germline reprogramming, during which histone variants and their modifications are all reset immediately after fertilization.

- [http://www.cell.com/cell/fulltext/S0092-8674\(14\)00286-4](http://www.cell.com/cell/fulltext/S0092-8674(14)00286-4)

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Moore, K.L., *The Developing Human: Clinically Oriented Embryology*, 7th edition. Philadelphia, PA: Saunders, 2003. pp. 16, 2.

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Sadler, T.W., *Langman's Medical Embryology*. 7th edition. Baltimore: Williams & Wilkins 1995, p. 3.

SUPPLEMENTARY FILE 13: CHAPTER 5 – SURVEY 8

Qualtrics Survey Software

4/28/19, 12:59 AM

Default Question Block

CONSENT FORM

IRB Study Number: IRB16-1228

DESCRIPTION: I am a social sciences graduate student at the University of Chicago doing a study that uses the mediation method, a type of alternative dispute resolution, to understand the contentiousness of a public debate. This survey includes questions about scientific knowledge and opinions, as well as questions about basic demographic information. Participation usually takes around 10 minutes.

RISKS and BENEFITS: The risks to your participation in this online study are those associated with basic computer tasks, including boredom, fatigue, minor stress, or breach of confidentiality. There is also a risk of experiencing conflicted feelings. The only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge.

CONFIDENTIALITY: No personally identifying data will ever be made available or public. Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. We may share the data we collect in this study with other researchers doing future studies – if we share your data, we will not include information that could identify you.

PARTICIPANT'S RIGHTS: Your participation is voluntary. You may stop participating at any time by closing the browser window or the program to withdraw from the study. Once you begin the study, all data you provide may be used in analyses unless you make a request for it to be excluded. If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu).

For questions about your rights as a research participant, you may contact The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu.

Please indicate, in the box below, that you are at least 18 years old, you have read and understand this consent form, and you agree to participate in this online research study.

- I AGREE to participate
- I DO NOT AGREE to participate

How would you describe your expertise in biology?

No Expertise										Complete Expertise	
1	2	3	4	5	6	7	8	9	10		

<https://ssd.az1.qualtrics.com/Q/EditSection/Blocks/Ajax/GetSurveyPrintPreview>

Page 1 of 8

Rating



In which branch of biology do you feel you have the most expertise?

- Anatomy
- Biochemistry
- Botany
- Cellular Biology
- Developmental Biology
- Ecology
- Genetics
- Molecular Biology
- Physiology
- Zoology
- Other

What is the highest degree you have obtained?

- Bachelor's
- Master's
- PhD
- MD
- MD/PhD

What is your job title or position?

Here is a series of general questions about biology.

The end product of mammalian fertilization is a fertilized egg (“zygote”), a new mammalian organism in the first stage of its species’ life cycle with its species’ genome.



- Correct
 Incorrect
 Cannot Answer

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Correct
 Incorrect
 Cannot Answer

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Correct
 Incorrect
 Cannot Answer

From a biological perspective, a zygote that has a human genome is a human because it is a human organism developing in the earliest stage of the human life cycle.

- Correct
 Incorrect
 Cannot Answer

In developmental biology, fertilization marks the beginning of a human's life since that process produces an organism with a human genome that has begun to develop in the first stage of the human life cycle.

- Correct
 Incorrect
 Cannot Answer

This survey relates to the controversial public debate surrounding abortion.

Here is a series of questions related to your thoughts on that debate.

How would you rate your opinion?
(Note: Please skip this question if you prefer not to say)

	Pro-Choice							Pro-Life		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which group do you think is most qualified to answer the question "When does a human's life begin?"

- Biologists
- Philosophers
- Religious Leaders
- Supreme Court Justices
- Voters

In a recent survey, a large majority of participants selected biologists as the group most qualified to answer the question "When does a human's life begin?"

Do you agree that biologists are most qualified to define when a human's life begins?

- Agree
- Disagree
- Cannot Answer

Please feel free to share your reasoning:

From a biological perspective, how would you answer the question "When does a human's life begin?"

Here is a series of demographics questions.

Note: Please skip any question you prefer not to answer.

How would you rate your opinion?

	Pro-Choice								Pro-Life	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your opinion?

	Liberal								Conservative	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your opinion?

	Democratic								Republican	
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you are a member of a religion or you adopt a religious identity, please select it:

- Agnostic
- Atheist
- Buddhist
- Catholic
- Protestant
- Hindu
- Jewish
- Lutheran
- Muslim
-

None

If unlisted, please enter your religion:

What is your race or ethnicity?

What country were you born in?

Is English your native language?

If English is not your native language, please describe if it is your 2nd, 3rd, 4th, or 5th language, etc.

Yes

No

What is your gender?

Male

Female

If unlisted, please enter your gender:

What year were you born?

Please indicate your marital status.

Never Married

Married

Widowed

Divorced

How many children do you have?

- 0
- 1
- 2
- 3
- 4 or more

Please indicate your approximate individual yearly income before taxes.

- Under \$25,000
- \$25,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 and over

Please feel free to share any additional thoughts:

Thank you for participating in this study. The survey is part of a broader project aimed at using the mediation method, a type of alternative dispute resolution, to understand the abortion debate, reduce the hostility surrounding it, and foster more productive policy discussions. While abortion is a topic that incorporates numerous perspectives from a wide range of disciplines, survey data suggested that biologists' knowledge and opinions were important for the debate. Thank you for your contribution to the debate.

If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu). For questions or concerns about your rights as a research participant, please contact the University of Chicago Social and Behavioral Sciences IRB by e-mail at sbs-irb@uchicago.edu or by phone at 773-834-7835.

Some of the questions in this survey were adapted from biological texts:

Methyl and acetyl are epigenetic tags, chemicals that act as “switches“ that determine gene expression without changing the underlying genetic code.

- <http://teach.genetics.utah.edu/content/epigenetics/print/DNA%20Histone%20ModelFinal.pdf>

Epigenetic tags turn genes on or off in response to cell signals, creating a dynamic layer of control called the epigenome.

- <http://teach.genetics.utah.edu/content/epigenetics/print/DNA%20Histone%20ModelFinal.pdf>

Transgenerational epigenetic inheritance is the transmittance of information from one generation of an organism to the next, from parent to child, that affects the traits of offspring without altering the sequence of nucleotides.

- https://en.wikipedia.org/wiki/Transgenerational_epigenetic_inheritance

A major barrier to transgenerational epigenetic inheritance is germline reprogramming, during which histone variants and their modifications are all reset immediately after fertilization.

- [http://www.cell.com/cell/fulltext/S0092-8674\(14\)00286-4](http://www.cell.com/cell/fulltext/S0092-8674(14)00286-4)

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

- Moore, K.L., *The Developing Human: Clinically Oriented Embryology*, 7th edition. Philadelphia, PA: Saunders, 2003. pp. 16, 2.

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

- Sadler, T.W., *Langman's Medical Embryology*. 7th edition. Baltimore: Williams & Wilkins 1995, p. 3.

SUPPLEMENTARY FILE 14: CHAPTER 5 – SURVEY 9

Default Question Block

CONSENT FORM

IRB Study Number: IRB16-1228

DESCRIPTION: I am a social sciences graduate student at the University of Chicago doing a study that uses the mediation method, a type of alternative dispute resolution, to understand the contentiousness of a public debate. This survey includes questions about scientific knowledge and opinions, as well as questions about basic demographic information. Participation usually takes around 10-15 minutes.

RISKS and BENEFITS: The risks to your participation in this online study are those associated with basic computer tasks, including boredom, fatigue, minor stress, or breach of confidentiality. There is also a risk of experiencing conflicted feelings. The only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge.

CONFIDENTIALITY: No personally identifying data will ever be made available or public. Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. We may share the data we collect in this study with other researchers doing future studies – if we share your data, we will not include information that could identify you.

PARTICIPANT'S RIGHTS: Your participation is voluntary. You may stop participating at any time by closing the browser window or the program to withdraw from the study. Once you begin the study, all data you provide may be used in analyses unless you make a request for it to be excluded. If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu).

For questions about your rights as a research participant, you may contact The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu.

Please indicate, in the box below, that you are at least 18 years old, you have read and understand this consent form, and you agree to participate in this online research study.

- I AGREE to participate
- I DO NOT AGREE to participate

How would you describe your expertise in biology?

	No Expertise					Complete Expertise				
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In which branch of biology do you feel you have the most expertise?

(

- Anatomy
- Biochemistry
- Botany
- Cellular Biology
- Developmental Biology
- Ecology
- Genetics
- Molecular Biology
- Physiology
- Zoology
- Other

What is the highest degree you have obtained?

- Bachelor's
- Master's
- PhD
- MD
- MD/PhD

What is your job title or position?

Here is a series of biological statements.

For each statement, you will be asked to assess whether it is Correct or Incorrect. If you cannot assess a statement, please skip the question and click through to the proceeding question.

An individual mammalian organism's gene expression is impacted by both its genome, which it inherited from its parents through sexual reproduction, and its environment, through epigenetic modifications.

	Incorrect Biological Statement					Correct Biological Statement				
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Methyl and acetyl groups are epigenetic tags, chemicals that act as "switches" that determine gene expression without changing the underlying genetic code.

	Incorrect Biological Statement					Correct Biological Statement				
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Epigenetic tags turn genes on or off in response to cell signals, creating a dynamic layer of control called the epigenome.

	Incorrect Biological Statement					Correct Biological Statement				
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Transgenerational epigenetic inheritance is the transmittance of information from one generation of an organism to the next, from parent to child, that affects the traits of offspring without altering the sequence of nucleotides.

	Incorrect Biological Statement					Correct Biological Statement				
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A major barrier to transgenerational epigenetic inheritance is germline reprogramming, during which histone variants and their modifications are all reset immediately after fertilization.

	Incorrect Biological Statement					Correct Biological Statement				
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The end product of mammalian fertilization is a fertilized egg ("zygote"), a new mammalian organism in the first stage of its species' life cycle with its species' genome.

	Incorrect Biological Statement					Correct Biological Statement				
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

	Incorrect Biological Statement					Correct Biological Statement				
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

	Incorrect Biological Statement					Correct Biological Statement				
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In developmental biology, fertilization marks the beginning of a human's life since that process produces an organism with a human genome that has begun to develop in the first stage of the human life cycle.

	Incorrect Biological Statement					Correct Biological Statement				
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

From a biological perspective, a zygote that has a human genome is a human because it is a human organism developing in the earliest stage of the human life cycle.

	Incorrect Biological Statement					Correct Biological Statement				
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

This survey relates to the controversial public debate surrounding abortion.

Here is a series of questions related to your thoughts on that debate.

How would you rate your opinion?
(Note: Please skip this question if you prefer not to say)

	Pro-Choice							Pro-Life		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which group do you think is most qualified to answer the question "When does a human's life begin?"

- Biologists
- Philosophers
- Religious Leaders
- Supreme Court Justices
- Voters

In a recent survey, a large majority of participants selected biologists as the group most qualified to answer the question "When does a human's life begin?".

Do you agree that biologists are most qualified to define when a human's life begins?

- Agree
- Disagree
- Cannot Answer

Please feel free to share your reasoning:

From a biological perspective, how would you answer the question "When does a human's life begin?":

Here is a series of general questions about biology.

The end product of mammalian fertilization is a fertilized egg ("zygote"), a new mammalian organism in the first stage of its species' life cycle with its species' genome.

	Incorrect Biological Statement						Correct Biological Statement			
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The development of a mammal begins with fertilization, a process by which the spermatozoon from the male and the oocyte from the female unite to give rise to a new organism, the zygote.

	Incorrect Biological Statement						Correct Biological Statement			
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A mammal's life begins at fertilization, the process during which a male gamete unites with a female gamete to form a single cell called a zygote.

	Incorrect Biological Statement						Correct Biological Statement			
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In developmental biology, fertilization marks the beginning of a human's life since that process produces an organism with a human genome that has begun to develop in the first stage of the human life cycle.

	Incorrect Biological Statement						Correct Biological Statement			
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

From a biological perspective, a zygote that has a human genome is a human because it is a human organism developing in the earliest stage of the human life cycle.

	Incorrect Biological Statement						Correct Biological Statement			
	1	2	3	4	5	6	7	8	9	10
Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Here is a series of demographics questions.

Note: Please skip any question you prefer not to answer.

How would you rate your opinion?

	Pro-Choice							Pro-Life		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your opinion?

	Liberal							Conservative		
	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate your opinion?

Democratic/Left-Leaning

Republican/Right-Leaning

	1	2	3	4	5	6	7	8	9	10
Stance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you are a member of a religion or you adopt a religious identity, please select it:

- Agnostic
- Atheist
- Buddhist
- Catholic
- Protestant
- Hindu
- Jewish
- Lutheran
- Muslim
- None
- If unlisted, please enter your religion:

What is your race or ethnicity?

What country were you born in?

Is English your native language?

If English is not your native language, please describe if it is your 2nd, 3rd, 4th, or 5th language, etc.

- Yes
- No

What is your gender?

- Male
- Female
- If unlisted, please enter your gender:

What year were you born?

Please indicate your marital status.

- Never Married
- Married
- Widowed
- Divorced

How many children do you have?

- 0
- 1
- 2
- 3
- 4 or more

Please indicate your approximate individual yearly income before taxes.

- Under \$25,000
- \$25,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 and over

Please feel free to share any additional thoughts:

Thank you for participating in this study. The survey is part of a broader project aimed at using the mediation method, a type of alternative dispute resolution, to understand the abortion debate, reduce the hostility surrounding it, and foster more productive policy discussions. While abortion is a topic that incorporates numerous perspectives

from a wide range of disciplines, survey data suggested that Americans valued biologists' knowledge and opinions on the biological perspective of "When does a human's life begin?". Thank you for your contribution to the debate.

If you would like the data you provided to be excluded from analyses, please e-mail Steve Jacobs (stevejacobs@uchicago.edu). For questions or concerns about your rights as a research participant, please contact the University of Chicago Social and Behavioral Sciences IRB by e-mail at sbs-irb@uchicago.edu or by phone at 773-834-7835.

SUPPLEMENTARY FILE 15: CHAPTER 6 – RESEARCHER’S SCRIPT

Researcher’s Script

Hello everyone, my name is Steve Jacobs. I am a Ph.D. candidate at the University of Chicago and a mediator certified by the Center for Conflict Resolution in Chicago. Today’s discussion will center on the U.S. abortion debate. The paper in front of you is a consent form describing the nature of this study and your participation. While today’s discussion will be audio-recorded for later analysis, the audio will not be shared with anyone and your confidentiality will be protected.

I’ll give you all a moment to read the consent form. If you agree to participate in today’s study, then sign the consent form. If not, then you are free to go.

wait for everyone to sign the form or leave

Thank you. While you work on the packet, I will begin the audio recording. Once you all complete the packet, we will begin the group discussion.

turn on audio recording and wait for everyone to complete their packets

Thank you. Let’s now begin by going around the room. Please introduce yourself. While you are free to identify your position on abortion, today is about working together as Americans to solve a collective problem. So perhaps it is best to keep that focus. I’ll start. My name is Steve Jacobs... mediation is important because

group discussion will take place

Thank you. I am now passing out a final packet with questions related to yourself and your beliefs. While you work on the packet, I will turn off the audio recording. Once you all complete the packet, I will hand out envelopes with your compensation before delivering my closing remarks.

turn off audio recording and wait for everyone to complete their packets

Thank you for participating in this study. This study uses the mediation method, a type of alternative dispute resolution, to understand the U.S. Abortion Debate, reduce the hostility surrounding it, and foster more productive policy discussions. This study is an attempt to learn about how Americans think about fundamental issues in the U.S. Abortion Debate.

Your participation is much appreciated and will contribute to a better informed public discussion. You are all free to go. Thank you.

SUPPLEMENTARY FILE 16: CHAPTER 6 – PRETEST

Consent Form

IRB Study Number: IRB16-1228

DESCRIPTION: I am a graduate student at the University of Chicago doing a study on people’s beliefs about abortion. If you agree to participate, you will be asked to complete a questionnaire about yourself and your beliefs, engage in a group discussion about abortion, and complete a final short questionnaire. Altogether, your responses on the questionnaires and contributions in the discussion will be used to better understand your beliefs about abortion and how the group discussion interacted with those beliefs. Your participation should take no more than 90 minutes.

RISKS and BENEFITS: The risks to your participation in this study are those associated with traditional studies including boredom, fatigue, minor stress, or breach of confidentiality. There is also a risk of experiencing conflicted feelings and experiencing spirited debate. Outside of the \$15 you will receive for participating, the only benefit to you is the learning experience from participating in a research study. The benefit to society is the contribution to scientific knowledge. Although I ask everyone in the group to respect everyone’s privacy and confidentiality, and not to identify anyone in the group or repeat what is said during the group discussion, please remember that other participants in the group may accidentally repeat what was said.

CONFIDENTIALITY: Your name, identity, and voice will not be connected to your results and no personally identifying data will ever be made available or public. I would like to audio-record this interview to make sure that I accurately remember all the information you provide. I will keep the recordings on a password-protected computer and they will only be used by myself in the transcription process. Once that process is done, all recordings will be destroyed. Consent to be audio-recorded is required for participation. Any reports and presentations about the findings from this study will not include your name or any other information that could identify you. I might share the data I collect in this study with other researchers doing future studies – if I share your data, I will not include information that could identify you.

PARTICIPANT’S RIGHTS: Your participation is voluntary. You may stop participating at any time by leaving or asking Steve Jacobs to withdraw from the study. If you would like the data you provided to be excluded from analyses, please e-mail Steve (stevejacobs@uchicago.edu). You can also contact Steve with any additional questions. For questions about your rights as a research participant, you may contact The Social & Behavioral Sciences Institutional Review Board, University of Chicago, Phone: (773) 834-7835; E-mail: sbs-irb@uchicago.edu.

Please provide your name, signature, and today’s date if you are at least 18 years old, you have read and understood this consent form, and you agree to participate in this research study.

Name: _____
Signature: _____
Date: _____

Please read the instructions for the following multiple choice questions and answer them.

1. At what point does a human's life begin? (*Note: circle only one answer*)

- a. The moment of fertilization/conception
- b. The moment a fetus' heart beats
- c. The moment a fetus shows brain activity
- d. The moment a fetus can feel pain
- e. The moment a fetus can be viable outside the womb
- f. The moment a fetus is born
- g. Other: _____

2. At what point is a human's life worthy of legal consideration? (*Note: circle only one answer*)

- a. The moment of fertilization/conception
- b. The moment a fetus' heart beats
- c. The moment a fetus shows brain activity
- d. The moment a fetus can feel pain
- e. The moment a fetus can be viable outside the womb
- f. The moment a fetus is born
- g. Other: _____

3. At what point in pregnancy should abortion be illegal with limited or no exceptions? (*Note: circle only one answer*)

- a. The moment of fertilization/conception
- b. The moment a fetus' heart first beats
- c. The moment a fetus can first experience pain
- d. The moment a fetus first exhibits brain activity
- e. The moment a fetus can survive outside of the womb
- f. The moment a fetus is born
- g. Other: _____

4. In which, if any, of these circumstances should abortion always be legal? (*Note: circle all that apply*)

- a. Pregnancies that result from rape or incest
- b. Pregnancies with serious physical risks to the mother
- c. Pregnancies with serious psychological risks to the mother
- d. Pregnancies of fetuses with potential health risks
- e. Pregnancies of fetuses with genetic conditions (for example: Down syndrome)
- f. Pregnancies of fetuses that aren't the sex the mother wants
- g. Pregnancies of fetuses that aren't the ethnicity the mother wants

5. In which, if any, of these circumstances should abortion always be illegal? (*Note: circle all that apply*)

- a. Pregnancies of fetuses with potential health risks
- b. Pregnancies of fetuses with genetic conditions (for example: Down syndrome)
- c. Pregnancies of fetuses that aren't the sex the mother wants
- d. Pregnancies of fetuses that aren't the ethnicity the mother wants

Please read the following statements. For each, circle “Support” or “Oppose” to describe your stance and then circle a number (1-10) to describe your willingness to compromise.

A. Legal abortion access in the first trimester of pregnancy.

SUPPORT					OPPOSE				
1	2	3	4	5	6	7	8	9	10
Unwilling to Compromise					Willing to Compromise				

B. Legal abortion access in the second trimester of pregnancy.

SUPPORT					OPPOSE				
1	2	3	4	5	6	7	8	9	10
Unwilling to Compromise					Willing to Compromise				

C. Legal abortion access in the third trimester of pregnancy.

SUPPORT					OPPOSE				
1	2	3	4	5	6	7	8	9	10
Unwilling to Compromise					Willing to Compromise				

D. Legal abortion access for victims of rape and incest at all points in pregnancy.

SUPPORT					OPPOSE				
1	2	3	4	5	6	7	8	9	10
Unwilling to Compromise					Willing to Compromise				

E. The use of taxes to pay for abortions.

SUPPORT					OPPOSE				
1	2	3	4	5	6	7	8	9	10
Unwilling to Compromise					Willing to Compromise				

SUPPLEMENTARY FILE 17: CHAPTER 6 – POSTTEST

Please read the instructions for the following multiple choice questions and answer them.

1. At what point does a human's life begin? (*Note: circle only one answer*)
 - a. The moment of fertilization/conception
 - b. The moment a fetus' heart beats
 - c. The moment a fetus shows brain activity
 - d. The moment a fetus can feel pain
 - e. The moment a fetus can be viable outside the womb
 - f. The moment a fetus is born
 - g. Other: _____

2. At what point is a human's life worthy of legal consideration? (*Note: circle only one answer*)
 - a. The moment of fertilization/conception
 - b. The moment a fetus' heart beats
 - c. The moment a fetus shows brain activity
 - d. The moment a fetus can feel pain
 - e. The moment a fetus can be viable outside the womb
 - f. The moment a fetus is born
 - g. Other: _____

3. At what point in pregnancy should abortion be illegal with limited or no exceptions? (*Note: circle only one answer*)
 - a. The moment of fertilization/conception
 - b. The moment a fetus' heart first beats
 - c. The moment a fetus can first experience pain
 - d. The moment a fetus first exhibits brain activity
 - e. The moment a fetus can survive outside of the womb
 - f. The moment a fetus is born
 - g. Other: _____

4. Do you think any of these circumstances should exempt abortions from restriction? (*Note: circle all that apply*)
 - a. Pregnancies that result from rape or incest
 - b. Pregnancies with serious physical risks to the mother
 - c. Pregnancies with serious psychological risks to the mother
 - d. Pregnancies of fetuses with potential health risks
 - e. Pregnancies of fetuses with genetic conditions (for example: Down syndrome)
 - f. Pregnancies of fetuses that aren't the sex the mother wants
 - g. Pregnancies of fetuses that aren't the ethnicity the mother wants

5. Do you think any of these circumstances should be a basis for restricting abortions? (*Note: circle all that apply*)
 - a. Pregnancies of fetuses with potential health risks
 - b. Pregnancies of fetuses with genetic conditions (for example: Down syndrome)

- c. Pregnancies of fetuses that aren't the sex the mother wants
- d. Pregnancies of fetuses that aren't the ethnicity the mother wants

6. Which of the following best describes your abortion stance? *(Note: circle the one answer that best represents your stance on abortion)*

- a. Abortion should be legal because pregnant people have the right to legal abortion access
- b. Abortion should be legal because abortion is good for society
- c. Abortion should be legal because the government shouldn't intrude on pregnancies
- d. Abortion should be illegal because the government should prevent homicides
- e. Abortion should be illegal because abortion is bad for society
- f. Abortion should be illegal because fetuses have the right to life
- g. I have no stance on the legality of abortion
- h. In no way do the above options represent my stance on abortion

7. Suppose that legislators agree to comprehensive abortion reform that (1) provides financial assistance and health insurance to pregnant people, (2) streamlines and subsidizes the adoption process, (3) mandates sex education, (4) maximizes the access and affordability of contraceptives, (5) permits abortions for special circumstances such as pregnancies caused by rape and incest, pregnancies of preteens, ectopic pregnancies, and life-threatening pregnancies, and (6) **restricts elective abortions at all points during pregnancy.**

Would you support such comprehensive reproduction reform?

1	2	3	4	5	6	7	8	9	10
No									Yes

8. Suppose that legislators agree to comprehensive abortion reform that (1) provides financial assistance and health insurance to pregnant people, (2) streamlines and subsidizes the adoption process, (3) mandates sex education, (4) maximizes the access and affordability of contraceptives, (5) permits abortions for special circumstances such as pregnancies caused by rape and incest, pregnancies of preteens, ectopic pregnancies, and life-threatening pregnancies, and (6) **restricts elective abortions after the first trimester of pregnancy.**

Would you support such comprehensive reproduction reform?

1	2	3	4	5	6	7	8	9	10
No									Yes

Please read the following statements. For each, circle “Support” or “Oppose” to describe your stance and then circle a number (1-10) to describe your willingness to compromise.

A. Legal abortion access in the first trimester of pregnancy.

SUPPORT					OPPOSE				
1	2	3	4	5	6	7	8	9	10
Unwilling to Compromise					Willing to Compromise				

B. Legal abortion access in the second trimester of pregnancy.

SUPPORT					OPPOSE				
1	2	3	4	5	6	7	8	9	10
Unwilling to Compromise					Willing to Compromise				

C. Legal abortion access in the third trimester of pregnancy.

SUPPORT					OPPOSE				
1	2	3	4	5	6	7	8	9	10
Unwilling to Compromise					Willing to Compromise				

D. Legal abortion access for victims of rape and incest at all points in pregnancy.

SUPPORT					OPPOSE				
1	2	3	4	5	6	7	8	9	10
Unwilling to Compromise					Willing to Compromise				

E. The use of taxes to pay for abortions.

SUPPORT					OPPOSE				
1	2	3	4	5	6	7	8	9	10
Unwilling to Compromise					Willing to Compromise				

Here is a series of questions about yourself and your opinions.

1. How would you rate your stance on abortion? *(Note: Please skip this question if you prefer not to say)*

1 2 3 4 5 6 7 8 9 10

Pro-Choice

Pro-Life

2. How would you rate your ideological stance? *(Note: Please skip this question if you prefer not to say)*

1 2 3 4 5 6 7 8 9 10

Liberal

Conservative

3. How would you rate your economic preferences? *(Note: Please skip this question if you prefer not to say)*

1 2 3 4 5 6 7 8 9 10

Socialist

Capitalist

4. How would you rate your political identity? *(Note: Please skip this question if you prefer not to say)*

1 2 3 4 5 6 7 8 9 10

Democratic

Republican