

2013

# The effect of induced incidental disgust on attitudes towards physical disabilities: does intergroup disgust sensitivity moderate?

Squires, E.

Squires, E. (2013) 'The effect of induced incidental disgust on attitudes towards physical disabilities: does intergroup disgust sensitivity moderate?', *The Plymouth Student Scientist*, 6(1), p. 239-255.

<http://hdl.handle.net/10026.1/14017>

---

The Plymouth Student Scientist  
University of Plymouth

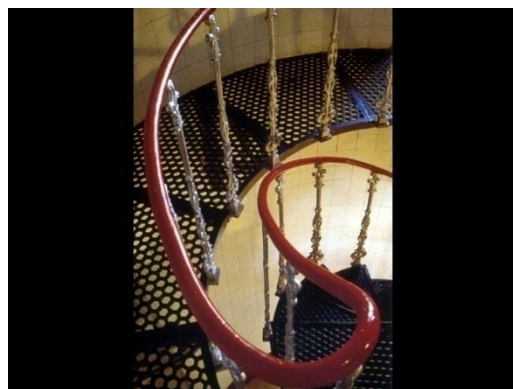
---

*All content in PEARL is protected by copyright law. Author manuscripts are made available in accordance with publisher policies. Please cite only the published version using the details provided on the item record or document. In the absence of an open licence (e.g. Creative Commons), permissions for further reuse of content should be sought from the publisher or author.*

## Appendix A – Disgust condition images



## Appendix B – Neutral condition images



## Appendix C – General ADS

### Scale 1: Inclusion

People with a disability find it harder than others to make new friends  
People with a disability have problems getting involved in society  
People with a disability are a burden on society  
People with a disability are a burden on their family

### Scale 2: Discrimination

People often make fun of disabilities  
People with a disability are easier to take advantage of (exploit or treat badly) compared with other people  
People tend to become impatient with those with a disability  
People tend to treat those with a disability as if they have no feelings

### Scale 3: Gains

Having a disability can make someone a stronger person  
Having a disability can make someone a wiser person  
Some people achieve more because of their disability (e.g. they are more successful)  
People with a disability are more determined than others to reach their goals

### Scale 4: Prospects

Sex should not be discussed with people with disabilities  
People should not expect too much from those with a disability  
People with a disability should not be optimistic (hopeful) about their future  
People with a disability have less to look forward to than others

## Appendix D – Attitudes towards physical disabilities (Modified ADS)

Please indicate your response, using the scale below:

1	2	3	4	5
Strongly Disagree	Disagree	Neither Disagree Nor Agree	Agree	Strongly Agree

1. I think people with a physical disability find it harder than others to make new friends.

1                      2                      3                      4                      5

2. I don't think people with a physical disability have problems getting involved in society.

1                      2                      3                      4                      5

3. I don't think people with a physical disability are a burden on society.  
1            2            3            4            5
4. I think people with a physical disability are a burden on their family.  
1            2            3            4            5
5. I often make fun of people with physical disabilities.  
1            2            3            4            5
6. I don't feel that people with a physical disability are easier to take advantage of (exploit or treat badly) compared with other people.  
1            2            3            4            5
7. I tend to become impatient with those with a physical disability.  
1            2            3            4            5
8. I wouldn't treat those with a physical disability as if they have no feelings.  
1            2            3            4            5
9. I think someone having a physical disability can make them a stronger person.  
1            2            3            4            5
10. I don't think someone having a physical disability can make them a wiser person.  
1            2            3            4            5
11. I think some people with a physical disability achieve more because of their disability (e.g. they are more successful).  
1            2            3            4            5
12. I think people with a physical disability are less determined than others to reach their goals.  
1            2            3            4            5
13. I would discuss sex with someone with physical disabilities.  
1            2            3            4            5
14. I would not expect too much from someone with a physical disability.  
1            2            3            4            5
15. I think someone with a physical disability should be optimistic (hopeful) about their future.  
1            2            3            4            5
16. I think someone with a physical disability has less to look forward to than others.  
1            2            3            4            5

## Appendix E – Intergroup Disgust Sensitivity (ITG-DS) Scale

Please indicate your response, using the scale below.

1	2	3	4	5	6	7
Strongly Disagree	Moderately Disagree	Slightly Disagree	Neither Disagree Nor Agree	Slightly Agree	Moderately Agree	Strongly Agree

1. I would ask for hotel bed sheets to be changed if the previous occupant belonged to another social group.

1            2            3            4            5            6            7

2. I feel disgusted when people from other ethnic groups invade my personal space.

1                      2                      3                      4                      5                      6                      7

3. When socializing with members of a stigmatized group, one can easily become tainted by their stigma.

1                      2                      3                      4                      5                      6                      7

4. After shaking hands with someone from another ethnic group, even if their hands were clean, I would want to wash my hands.

1                      2                      3                      4                      5                      6                      7

5. After interacting with another ethnic group, I typically desire more contact with my own ethnic group to “undo” any ill effects from intergroup contact.

1                      2                      3                      4                      5                      6                      7

6. I would not feel disgusted if I ate food prepared by another ethnic group with their hands

1                      2                      3                      4                      5                      6                      7

7. It would be repulsive to swim in a chlorinated swimming pool if most of the people in the pool belonged to another ethnic group.

1                      2                      3                      4                      5                      6                      7

8. It would not bother me to have an intimate sexual relationship with someone from another racial group.

1                      2                      3                      4                      5                      6                      7

## **Appendix F – Consent Form**

UNIVERSITY OF PLYMOUTH  
FACULTY OF SCIENCE AND TECHNOLOGY

Human Ethics Committee Consent Form

## CONSENT TO PARTICIPATE IN RESEARCH PROJECT

---

Name of Principal Investigator: Dr. Becky Choma

---

Title of Research: Seeing That Makes Me Feel X – Study B

---

### Brief statement of purpose of work

The purpose of this study is to explore the relation between emotional reactions, visual stimuli, and individual differences. Participants will be asked to view potentially emotive and sensitive stimuli and report their reactions. They will also be asked to complete measures assessing individual differences in beliefs and attitudes. The entire study should take approximately 30 minutes. There are no known risks for participating in this study. However, should you experience any discomfort, you may contact the researcher. Participants have the right to withdraw from the study without penalty during the experiment or up to 5 days after participating. Please note that because data are anonymous (i.e., your name is not linked with your responses). Once you begin and again after you have submitted your responses you will be given an ID number. Please record this number. If you wish to withdraw from the study the researcher will use this number to remove your data. Thus, all information obtained from you during this session will be anonymous.

---

The objectives of this research have been explained to me.

I understand that I am free to withdraw from the research at any stage, and ask for my data to be destroyed if I wish.

I understand that my anonymity is guaranteed, unless I expressly state otherwise.

I understand that the Principal Investigator of this work will have attempted, as far as possible, to avoid any risks, and that safety and health risks will have been separately assessed by appropriate authorities (e.g. under COSHH regulations).

Under these circumstances, I agree to participate in the research.

Name: .....

Signature: .....

Date:.....

## Appendix F – Information Sheet

UNIVERSITY OF PLYMOUTH  
FACULTY OF SCIENCE AND TECHNOLOGY  
RESEARCH INFORMATION SHEET

---

Name of Principal Investigator: Dr. Becky Choma

---

Title of Research: Seeing That Makes Me Feel X – Study B

---

Aim of research: The purpose of this study is to explore the relation between emotional reactions, visual stimuli, and individual differences.

Description of procedure: Participants will be asked to view a number of potentially emotive and sensitive stimuli and report their reactions. They will also be asked to complete measures assessing individual differences (e.g., beliefs, attitudes, personality). The entire study should take approximately 30 minutes.

Description of risks: There are no known risks for participating in this study. However, should you experience any discomfort, you may contact the researcher.

Benefits of proposed research: Participants will gain first-hand experience with the kinds of psychological research they learn about in lecture and text material; and the scientific community will benefit as this study will help inform research examining the link between beliefs, stimuli and reactions to these images.

Right to withdraw: Participants have the right to withdraw from this study without penalty during the experiment or up to 5 days after participating. Please note that because data are anonymous (i.e., your name is not linked with your responses). Once you begin and again after you have submitted your responses you will be given an ID number. Please record this number. If you wish to withdraw from the study the researcher will use this number to remove your data.

If you are dissatisfied with the way the research is conducted, please contact the principal investigator in the first instance: telephone number (01752 584850). If you feel the problem has not been resolved please contact the secretary to the Faculty of Science and Technology Human Ethics Committee: Mrs Paula Simson 01752 584503.

## Appendix G – Debrief

UNIVERSITY OF PLYMOUTH  
FACULTY OF SCIENCE AND TECHNOLOGY  
RESEARCH DEBRIEFING

---

Name of Principal Investigator: Dr. Becky Choma

---

Title of Research: Seeing That Makes Me Feel X – Study B

---

Viewing images or film clips is often accompanied by an emotional reaction. The nature of this emotional reaction might be linked to our beliefs. A large body of research has shown that people who are more politically right-wing or authoritarian tend to experience negative emotions like fear or disgust more easily than those who are politically left-wing.

The current research extended previous works by exploring whether people's beliefs are related to their emotional reactions of fear-inducing, disgust-inducing, or neutral images. The type of image that a participant viewed was manipulated by randomly assigning participants to one of the three conditions (fear, disgust, or neutral). In some cases, we also tested whether viewing the images from different perspectives (is this happening to me? Or someone else?) affected people's reactions.

Now that you have read what the study is about, if you wish for your responses to NOT be included in this study please notify the researcher now or via email by giving them your ID code. The researcher will use this code to identify and remove your data.

If you have any questions about the research, feel free to contact the researcher.

Thank you for your participation in this research!