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History and Ethical Principles - SBE

Georgia Institute of Technology - Group 2 Social / Behavioral Research Investigators and Key Personnel

Quiz Results

You correctly answered **5 of 5** quiz questions.

Question 1

Question The researcher's failure to protect research subjects from deductive

disclosure of identity (that is, the re-identification of subjects by other researchers) is the primary ethical violation in which of the

following studies?

Your Answer "Tastes, Ties, and Time (T3)" study

Result Correct

Comment Although no students were identified by name in the T3 study, some

data were specific enough to allow for re-identification of students by an outside researcher. This is an example of the failure to protect subjects from deductive disclosure of their identities. The primary ethical problems of the other studies include physical harms and

unanticipated psychological harm.

Question 2

Question Which of the following studies is linked most directly to the

establishment of the National Research Act in 1974 and ultimately to

the Belmont Report and federal regulations for human subject

protection?

Your Answer PHS Tuskegee Study

Result Correct

Comment

In the U.S., news that researchers deceived and withheld treatment from subjects who suffered from syphilis in the PHS Tuskegee Study led to the creation of the National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research (National Commission or "the Commission"). The Commission was charged with establishing a code of research ethics for U.S. research involving human subjects and created the *Belmont Report* that ultimately informed federal regulations for the protection of human subjects.

The Stanford Prison Experiment occurred prior to the codification of federal regulations, and is not directly linked to the establishment of the National Research Act of 1974.

Question 3

Question Humphreys' collecting data for the Tearoom Trade study under the

pretense that he was a lookout is an example of a violation of the

principle of:

Your Answer Respect for persons

Result Correct

Comment Humphreys' collecting data for the Tearoom Trade study while

posing as a lookout is an example of a violation of the principle of

respect for persons. Respect for persons requires that subjects freely

choose to participate in research (voluntariness) and that they are adequately informed about a study (informed consent). The principle of beneficence requires balancing the risk of harms with the potential benefits. The principle of justice requires that benefits and burdens are equitably distributed and subject populations are not chosen due to convenience.

Question 4

Question The Belmont principle of beneficence requires that:

Your Answer Risks to subjects are reasonable in relation to anticipated benefits.

Result Correct

Comment The Belmont principle of beneficence requires that risks to subjects

are reasonable in relation to anticipated benefits, if any, to subjects, and the importance of the knowledge that may reasonably be expected to result. This principle is applicable in both minimal risk and greater than minimal risk research. The principle does not address a requirement for significant contribution to generalizable knowledge nor does it require that subjects derive individual benefit

from study participation.

Question 5

Question Which of the following is an example of how the principle of

beneficence is applied to a study involving human subjects?

Your Answer Ensuring that risks are reasonable in relationship to anticipated

benefits

Result Correct

Comment The principle of beneficence requires that risks are reasonable in

relationship to anticipated benefits. The principle of respect for persons requires that subjects understand that participation is

voluntary and that they are provided detailed information about the

study before giving consent to participate. The principle of justice requires that the selection of subjects is fair.

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