Ethics in Behavioural & Linguistic Research

A Timeline

Akbar, the Mughal emperor performed the same experiment and found that speech did not develop without input.

> Hebrew. Nazis begin ~1560 experiments in concentration camps

Francis **Bacon** argues that scientific research should benefit humanity

Unit 731: Japanese scientists experimenting on Chinese POWs (until 1945)

"Robert Bartholomew inserts electrodes into a hole in the skull of Mary Rafferty caused by a tumor. He notes that small amounts electric current caused bodily movements and that larger amounts caused pain. Rafferty, who was mentally ill, fell into a coma and died a few days after the experiment."

1874

Emotional

"Conditioned Reactions", aka The Little Albert study is published by Watson & Rayner

NIH, WHO, UN & CDC accused of unethical research on HIV involving experiments on pregnant women infected with the virus in Africa, Thailand, and the Dominican Republic

US DoE secret experiments on effects of radiation,

subjects not informed, included cancer patients, pregnant women, servicemen

> Nim Chimpsky, subject of one of the most famous ape language studies, is born

The Nuremberg Code emerges as a result of the Nuremberg Trials after WWII, it is the first international code of ethics

Kinsey Reports

research process

with participants.

such as researchers

Published, bringing new

of human sexuality. The

light to the taboo subject

included ethical breaches

engaging in sexual acts

Milgram **Experiments** Researchers for research on 1948 convince human subjects participants they are shocking a confederate to study obedience

communities

1962 Despite Nuremberg and Helsinki, unethical studies still continue. Tuskeegee continues until 1972, DoE research on "mind control" using LSD (1950s - 1963), and doctors conduct experiments on hepatitis with mentally disabled children at Willbrook State School in New York (1956 -1980). The "forbidden experiment" is inadvertently performed all over the world, as Deaf

times A study using

Tastes, ties, and

publicy available

Facebook data to

investigate social

releases personal

2004

networks

inadvertently

information

Stanford Prison

participants play

prisoners, guards

appear to quickly

abuse authority

Experiments

guards and

Facebook Sentiment Study Facebook's research arm, in

collaboration with information and communication scientists from Cornell, manipulate the sentiment in users' feeds to study emotinonal contagion

2014-16

OK Cupid Data Dump A study with questionable scientific motives scrapes and releases a large database of OK Cupid profiles, many of them including identifying information

Genie is rescued from her home in CA at the age of 13, having been severely deprived and abused her whole life

1964

Future

Ethics in online research ethics of freely available data, ethics in Al

The Psychology of Deafness (Myklebust) is

1970

published, setting the stage for decades of discriminatory policy and research

1963

1966

William Labov conducts the famous department store

study. He does not get informed consent as this would affect the naturalness of participants' speech.

Guide for Humane

Helsinki Declaraton guidelines for ethical research with human subjects in medical research. Continually under revision (last in 2013)







radiatoin studies until 1980s. The CIA conducts children are denied access to sign language

1997

Care and use of Laboratory Animals is published, outlining guidelines for ethical research with animals

~1500

The forbidden experiment is

supposedly performed by

James IV of Scotland, who

has two children raised by a

Island. He claims they speak

mute woman on Inchkeith

1939

Tuskeegee

income black

men in the US

study for

but only

treated

monitored

are enrolled in a

treatable syphilis,

instead of being

experiments: low