

## An Historical Perspective on Research Ethics Comments on Animal Usage in Research Projects

When discussing the ethical treatment of human research participants, several “classic” studies, which would be ethically questionable by today’s standards, serve as examples. For instance, many instructors discuss Stanley Milgram’s studies of obedience, Philip Zimbardo’s prison simulation, or Stanley Schachter’s studies of autonomic arousal and attribution. Students often have mixed reactions to these examples. Some find them relatively innocuous, whereas others have strong reactions to the treatments participants were asked to endure. The fact that such studies took place within relatively recent times compounds the issue. Some students see these 1960s experiments as “long ago and of a different time,” whereas others see them as examples of the “unethical treatment” psychologists “still foist on people to this day.”

To provide a context for these types of issues, your students might be interested in hearing about older examples of ethically questionable research. For example, Carney Landis, a noted psychologist of the 1920s and 1930s, conducted a series of studies dealing with the experience and expression of emotion. In one set of studies he was particularly interested in capturing facial expressions of emotion, and he used strong elicitors of emotion to produce them. For example, one situation involved dropping a lit firecracker underneath an unsuspecting subject’s chair, whereas another involved showing participants pornographic (for their day) photographs and photos of horribly disfiguring skin diseases.

Although these manipulations may seem harsh, Landis used stronger ones as well. For example, participants were instructed in one situation to plunge their hands into a pail of shallow water that, unbeknownst to them, contained three live frogs. (This manipulation was presumably used to evoke disgust.) To quote Landis, however, “After the subject had reacted to the frogs the experimenter said, ‘Yes, but you have not felt everything yet, feel around again.’ While the subject was doing so he received a strong...shock from an induction coil, attached to the pail by concealed wiring.”

And for the coup de grâce:

“The table in front of the subject was covered with a cloth. A flat tray and a butcher’s knife were placed on the cloth. A live white rat was given to the subject. He (sic) was instructed, ‘Hold this rat with your left hand and then cut off its head with the knife.’ ...In five cases where the subjects could not be persuaded to follow directions the experimenter cut off the head while the subject looked on.”

Although Landis has been singled out for examination here, there are certainly no lack of experiments from the 1920s through the 1960s work mentioned above that can provide examples of ethically dubious research. Discussing such studies, especially in light of current APA standards, should produce spirited discussion among your students. Landis, C. (1924). Studies of emotional reactions II: General behavior and facial expression. *Comparative Psychology*, 4, 447-509.