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IDT 510: Discussion 3

Bill Bennett

California State University Fullerton

***Please describe an "alternative" research design you might be interested in.***

They say the third time is the charm - let's see if "they" are right.

In order to make sure I credit for this assignment I thought it would be a good idea for me to make another post since I wrote my first post before reading chapter 13 and therefore didn't really answer the question posed for this discussion forum with my first post.

When it comes to alternative designs I think that any of the ones designed to protect the internal validity of our experiments would be important to consider, since "internal validity is the most important property of any experiment" (Smith and Davis, 2007). I think that the post-test only control-group design would be most applicable for the type of research I am interested in, assessing learning styles and cognitive load theories, because pre-testing could confound my experiments and the Solomon four-group design appears to be too difficult to analyze the results. I don't think any of the single-case experimental designs would be applicable because I don't believe you could take any one subject and have them be representative of a learning population as a whole. As far as the Quasi-experimental designs go, the nonequivalent group design might be applicable in special cases where I wanted to make comparisons of learning styles or the effect of instructional methods between two different groups, like men and women.