

# Research Methods Literature Review

Beginning work on this assignment, review the qualitative and quantitative research designs encountered so far in this course.

For your literature review, you will select one design from each of the following categories.

| Category | Non-experimental                                                             | Quantitative experimental                                                           | Qualitative                                                                                         | Mixed methods                                           |
|----------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Designs  | Descriptive<br>Archival<br>Observational<br>Correlational<br>Survey research | Pretest-posttest control group<br>Posttest-only control group<br>Solomon four-group | Ethnography<br>Phenomenology<br>Grounded theory<br>Narrative<br>Participatory action research (PAR) | Explanatory<br>Exploratory<br>Triangulation<br>Parallel |

Find the Research Methods research guide in the University of Arizona Global Campus Library and search the databases for a minimum of one peer-reviewed journal article published within the last 10 years about each of the research designs you selected. The articles must be about studies using the designs. Instead, they must be about how to conduct a study using the design. Examples of acceptable articles for this assignment are listed at the Suggested Articles tab in the Research Methods research guide.

In your paper, briefly outline the topic you selected for your Final Research Proposal in Week One and apply the scientific method to it. Include both a specific research question and a hypothesis for the topic. Evaluate your chosen peer-reviewed articles summarizing how the research design described could be useful for designing original research on your topic. Compare and contrast the strengths or worldviews inherent in the methodology associated with each research design. Apply professional standards and situational factors as a researcher by identifying which of these approaches best fits with your worldview.

