# METHODOLOGICAL PARADIGMS

Elizabeth M. Pope, Ph.D. University of West Georgia epope@westga.edu

## Learning Objectives

## 01

Understand what a methodological paradigm is.



Be familiar with objective vs. subjective ontologies. 03

Have comprehension of the various methodological paradigms in qualitative research.

#### Ways of Understanding Reality

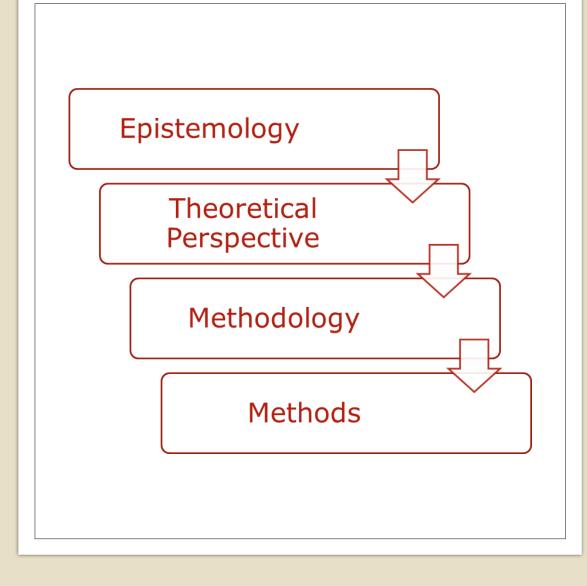
Ontology – nature of reality

Epistemology – theory of knowledge

Methodology – approach for gathering "data" about knowledge

 Methodological paradient = ontology (reality) + epistemology (knowledge) = methodology (gather knowledge)

#### EVERYTHING YOU CAN IMAGINE IS REAL



Identifying Different Paradigms (and Your Own)

- Bewilderment at wide array.
- Researchers create their own methodological paradigms.
- Theoretical perspectives within methodological paradigms help justify design choices.
- Questions to ask:
  - What methods do we propose to use?
  - What methodology governs our choice and use of methods?
  - What theoretical perspective lies behind the methodology in question?
  - What epistemology informs this theoretical perspective?



## Crotty's Definitions (p. 3)

- Method: "the techniques or procedures used to gather and analyse data related to some research question or hypothesis." Like questionnaires, surveys, experiments, interviews, or focus groups.
- Methodology: "the strategy, plan of action, process or design lying behind the choice and use of particular methods and linking the choice and use of your methods to the desired outcomes." Like experimental, quasiexperimental, survey, interview, or narrative studies.
- Theoretical perspective: "the philosophical stance informing the methodology and thus providing a context for the process and grounding its logic and criteria." I.e. your methodological paradigm like positivism, interpretivism, or critical inquiry.
- Epistemology: "the theory of knowledge established in the theoretical perspective and thereby in the methodology." Like objectivism, constructionism, or subjectivism.

## Paradigms in Quantitative Research

- Objectivism: "meaning, and therefore meaningful reality, exists as such apart from the operation of any consciousness" (Crotty, p. 8).
- Methodologies & collection methods collect data under this assumption.

Objec	ctivism
Po	ositivism
	Experimental, quasi- experimental, correlative, etc.
	Surveys, pre-post test data, etc.

## Paradigms in Qualitative Research

Constructionism, subjectivism, etc.

Positivist/postpositivist, Constructivist/interpretive, Critical, Feminist/post-structural

Phenomenology, grounded theory, ethnography, etc.

Interviews, observations, documents, etc.

- Interpretive paradigms
- 4 major paradigms:
  - Positivist/postpositivist
  - Constructivist/interpretive
  - Critical
  - Feminist/post-structural

## A Qualitative Example

Constructivism

Critical Realism

Basic qualitative research, case study, grounded theory, etc.

Interviews, observations, focus groups, etc.

### References

- Crotty, M. (1998). The foundations of social research: Meaning and perspective in the research process. Thousand Oaks, CA: SAGE.
- Denzin, N. K., & Lincoln, Y. S. (2000). Handbook of qualitative research (2<sup>nd</sup> ed.). Thousand Oaks, CA: SAGE.