

Introduction to Research in Family Planning

Objectives

Community-engaged research

- List the positive impacts of community engagement in research projects
- Identify principles in community-engaged research
- Describe the relationship between the principles of reproductive justice and community-engaged research
- Discuss strategies to incorporate community-engaged concepts into a research project
- Identify approaches used to address challenges in community-engaged research

Critical review

- Identify sources of information used to evaluate and summarize research
- Describe how to assess study design in a critical review
- Recognize checklists used for critical reviews for various types of studies

Data analysis

- Describe the type of data used in qualitative and quantitative research
- Identify sources of data for qualitative and quantitative studies
- Discuss the importance of operationalizing a research question
- List the four different levels of measurement
- Discuss how to determine the most appropriate type of data analysis given a research question and level of measurement

Grant writing

- Identify key components of a grant application
- Recognize best practices in the completion of a grant application
- Describe the grant review process



Manuscript writing

- Develop a manuscript writing plan
- Identify the key sections of a research article
- Formulate a successful response to reviewer comments

Research design and methodology

- List the key attributes of an appropriate research question
- Describe the advantages and disadvantages of experimental and observational studies
- Choose the appropriate study design for a research question
- Discuss how to develop a protocol that includes data collection and a statistical plan