

Sessions	Learning Objectives
Session 1: Evidence Based Public Health	Define evidence based public health.
Session 2: Topic I: Research Methods	Define research. Describe the steps of the research process. Identify and explain research methodology. Identify appropriate research methods and techniques.
Topic II: Data	Define data. Compare and contrast qualitative and quantitative data. Compare and contrast primary data and secondary data.
Session 3: Topic I: Public Health Research	Define public health research. Identify and explain types of research. Identify and explain types of research methods. Explain why research is important.
Topic II: Health Disparities	Define health disparities. Identify major health disparities in Mississippi including race/ethnicity, geographic location, socioeconomic status. Understand and provide examples of causes of health disparities with respect to prevention, incidence, and mortality. Discuss the social determinants of health. Describe public health strategies and interventions for reducing health disparities.
Session 4: Topic I: Family Health History	Understand importance of collecting and maintaining a family health history. Understand the role of the family health history in healthcare. Complete a family history chart.
Topic II: Cultural Competency	Define cultural competency. Describe the need for culturally competent research and practice based on a historical perspective. Identify contributing risk factors for health disparities. Identify skills associated with cultural competent practices.
Session 5: Topic I: Public Health	Understand public resources available at a public health library. Describe library sources useful for public health.

<p>Library Resources</p> <p>Topic II: Health Literacy</p>	<p>Define health literacy. Understand the limited literacy perspective. Describe the association between literacy and health. Describe health literacy on a national scale.</p>
<p>Session 6: Topic I: Program Evaluation</p>	<p>Develop SMART goals for program and projects. Identify culturally competent evaluation approaches. Understand the importance of evaluation.</p>
<p>Topic II: Research Evaluation</p>	<p>Develop a research plan for a research project or proposal. Determine appropriate evaluation metrics and measure.</p>
<p>Session 7: Introduction to Epidemiology</p>	<p>Define Epidemiology. Identify major contributions of epidemiology. Identify framework for understanding disease processes. Compare and contrast observational studies vs. clinical trials.</p>
<p>Session 8 : Community Health & Community Based Prevention</p>	<p>Define public health. Define community health. Identify contributing factors that impact the health of a community. Describe community health activities. Discuss methods for community based prevention. Asses the need for a program.</p>
<p>Session 9: Quantitative Methods</p>	<p>Identify strengths and weaknesses of quantitative methods. Describe strengths of mixed method approaches. Describe stages of questionnaire design. Identify sampling methods. Understand usefulness of statistics in health research. Understand p-values and odds ratios.</p>
<p>Session 10: Community Based Participatory Research</p>	<p>Describe history and principles of CBPR. Critically evaluate their own position within their community and their potential roles within CBPR projects. Describe methods to ensure that CBPR benefits all partners. Lessons learned from CBPR projects. CBPR efforts in Mississippi's Public Health District V.</p>
<p>Session 11: Qualitative Methods</p>	<p>Define basic principles of qualitative research methods. Describe the characteristics of qualitative research. Describe the advantages and disadvantages of qualitative methods. Understand and distinguish between different types of qualitative approaches. Understand focus groups and Photovoice qualitative research methods. Understand the relationship between qualitative and quantitative research methods.</p>

<p>Session 12: Topic I: Research Ethics</p> <p>Topic II: Research Ethics II</p>	<p>Discern when a qualitative research design is desirable.</p> <p>Define research ethics and bioethics. Compare and contrast clinical ethics vs research ethics. Identify examples of unethical practices in research. Understand ethical theories and professional ethical duties.</p> <p>Identify historical milestones in ethics. Understand the Belmont Report. Understand NIH-IRB Protocol Review Standards.</p>
<p>Session 13: Clinical Trails</p>	<p>Understand clinical trials research. Describe the role of clinical trials research in advancing medical practice. Discuss the impact of minority participation in clinical trials research.</p>
<p>Session 14: Topic I: Health Policy Research</p> <p>Topic II: Grant Writing</p>	<p>Define health policy and health services research. Identify and develop relevant well framed health policy research questions. Describe public use and other common data sources for health policy research.</p> <p>Understand grant guidelines and requirements. Understand the power of collaboration for grant writing. Develop SMART goals and Specific Aims. Understand components of a good grant proposal.</p>
<p>Session 15: Human Subjects Certification</p>	<p>Participants will be certified of human subjects research. Conduct an informed consent process to recruit a participant in a research study. Develop a humans subjects and HIPPA compliant research proposal.</p>