



Course Syllabus

January 9 – May 8, 2018

Tuesdays

6:00-9:00 PM

Sessions held at:

University of South Alabama Faculty Club

6348 Fincher Rd.

Mobile, AL 36688

Gulf States Health Policy Center Staff

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Gulf States Community Research Fellows – Course Syllabus

SESSIONS

Orientation	January 9
1. Evidence Based Public Health	January 16
<ul style="list-style-type: none"> Define evidence based public health. Identify public resources available for public health. 	Kelly Warren, MPH Director of Prevention and Wellness Mobile County Health Department kwarren@mchd.org
2. Research Methods & Data	January 23
Research Methods <ul style="list-style-type: none"> Define research. Describe the steps of the research process. Identify and explain research methodology. Identify appropriate research methods and techniques. Data <ul style="list-style-type: none"> Define data. Compare and contrast quantitative and qualitative data. Compare and contrast primary data and secondary data. Describe strengths of mixed methods approaches. 	Jennifer Langhinrichsen-Rohling, PhD Director Gulf Coast Behavioral Health & Resiliency Center University of South Alabama jlrsouthalabama.edu
3. Health Disparities	January 30
<ul style="list-style-type: none"> Define health disparities. Identify major health disparities in Alabama including those by gender, race/ethnicity, geographic location, and socioeconomic status. Discuss the social determinants of health. Describe public health strategies and interventions for reducing health disparities. 	HW 1: Windshield Survey due Tanya Funchess, DHA, MPH, MSM Director Office of Health Disparity Elimination Mississippi State Department of Health tanya.funchess@msdh.ms.gov
4. Cultural Competency	February 6
<ul style="list-style-type: none"> Define culture and cultural competency. Describe the need for culturally competent research and practice based on a historical perspective. Identify skills associated with cultural competent practices. 	Bettina Byrd-Giles, MA.Ed CEO The Bethesda Life Center, Inc. bettinabyrdgiles@gmail.com

<p>NO CLASS</p>	<p>February 13</p>
<p>5. Family Health History & Health Literacy</p>	<p>February 20 <i>HW 2: Family History due</i></p>
<p>Family Health History</p> <ul style="list-style-type: none"> • Understand importance of collecting and maintaining a family health history. • Understand the role of family health history in healthcare. • Complete a family history chart. <p>Health Literacy</p> <ul style="list-style-type: none"> • Define health literacy. • Understand the limited literacy perspective. • Describe the association between literacy and health. • Describe health literacy on a national scale. 	<p>Selena Coleman McCord, MPH Program Specialist Coastal Resource and Resiliency Center University of South Alabama scoleman@southalabama.edu</p> <p>Janel Lowman, MHA Associate Manager of Outreach Mitchell Cancer Institute – University of South Alabama jlowman@health.southalabama.edu</p>
<p>6. Introduction to Epidemiology</p>	<p>February 27</p>
<ul style="list-style-type: none"> • Define epidemiology. • Identify major contributions of epidemiology. • Identify frameworks for understanding disease processes. • Compare and contrast observational studies vs. clinical trials. 	<p>Casey L. Daniel, PhD, MPH Assistant Professor of Oncologic Sciences Mitchell Cancer Institute – University of South Alabama cldaniel@health.southalabama.edu</p> <p>Aly Fernandez, Title Mitchell Cancer Institute – University of South Alabama amfernandez@health.southalabama.edu</p>
<p>7. Community Health</p>	<p>March 6</p>
<ul style="list-style-type: none"> • Define community health. • Identify contributing factors that impact the health of a community. • Describe community health activities. • Discuss principles for community based prevention. • Assess the need for a community program. 	<p>Eric Baumgartner, MD, MPH Senior Community Health Strategist (Retired) Louisiana Public Health Institute etbaumgartner@bellsouth.net</p>
<p>8. Quantitative Methods</p>	<p>March 13 <i>HW 3: Grocery Audit due</i></p>
<ul style="list-style-type: none"> • Identify strengths and weaknesses of quantitative methods. • Describe strengths of mixed methods approaches. • Describe stages of questionnaire design. • Identify sampling methods. 	<p>Jack Shelley-Tremblay, PhD Professor of Psychology University of South Alabama jstremblay@southalabama.edu</p>

<ul style="list-style-type: none"> Understand usefulness of statistics in health research. Understand p-values and odds ratios. 	
9. Community Based Participatory Research	March 20 HW 4: Community Park Audit due
<ul style="list-style-type: none"> Describe history and principles of CBPR. Critically evaluate fellows' position within their community (ies) and their potential roles within CBPR projects. Describe methods to ensure that CBPR benefits all partners. 	Roma Hanks, PhD Professor and Chair Department of Sociology, Anthropology, and Social Work University of South Alabama rhanks@southalabama.edu
10. Qualitative Methods	March 27
<ul style="list-style-type: none"> Define basic principles of qualitative research methods. Describe the strengths and weaknesses of qualitative methods. Discuss different types of qualitative approaches. Discern when a qualitative research design is desirable. 	Chris Freed, PhD Associate Professor of Sociology Department of Sociology, Anthropology and Social Work University of South Alabama cfreed@southalabama.edu
11. Photovoice and Health Policy	April 3
<p>Photovoice</p> <ul style="list-style-type: none"> Define and discuss concepts of Photovoice. Understand focus groups and Photovoice qualitative research methods. Discuss the usage of Photovoice in public health. <p>Health Policy</p> <ul style="list-style-type: none"> 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. 	Susan Mayfield-Johnson, PhD, MCHES Assistant Professor The University of Southern Mississippi susan.johnson@usm.edu Thomas Shaw Associate Professor Department of Political Science and Criminal Justice University of South Alabama tshaw@southalabama.edu
12. Program Evaluation	April 10 HW 5: Photovoice due
<ul style="list-style-type: none"> Develop SMART objectives for programs and projects. Compare and contrast goals and objectives. Identify culturally competent evaluation approaches. Understand the importance of evaluation. 	Angela Coleman, PhD Associate Vice President Office of Institutional Effectiveness University of South Alabama macoleman@southalabama.edu

13: Research Ethics and Human Subjects Certification	April 17
<p>Research Ethics</p> <ul style="list-style-type: none"> 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>Human Subjects Certification</p> <ul style="list-style-type: none"> Participants will understand the importance of Human Subjects' Certification. 	<p>Martha Arrieta, MD, MPH, PhD Associate Professor Department of Internal Medicine Director of Research Center for Healthy Communities University of South Alabama marrieta@southalabama.edu</p>
14. Clinical Trials	April 24 Homework 6: Final Photovoice due
<ul style="list-style-type: none"> 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>Mark Gillespie, PhD Professor and Chairman Department of Pharmacology University of South Alabama mgillesp@southalabama.edu</p>
15. Grant Writing	May 1
<ul style="list-style-type: none"> 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>Penny Dendy Organizational Consultant Dendy Consulting pmdendy@comcast.net</p>
Graduation Ceremony	May 8