CNL-540 | Research Methods and Program Evaluation

Syllabus

COURSE DESCRIPTION

This course introduces research methods and basic statistical analysis, including the following: the importance of research, opportunities for research, and difficulties in conducting research. Research methods such as qualitative, quantitative, single-case designs, action research, and outcome-based research are addressed.

CREDITS

3

PREREQUISITES

None

CO-REQUISITES

None

REQUIRED COURSE MATERIALS

Textbooks

Electronic Resources

Additional Course Information and Requirements

***Diagnostic and Statistical Manual of Mental Disorders* (*DSM*)**
Students of GCU's Counseling programs are required to possess a copy of the current version of the American Psychiatric Association's *Diagnostic and Statistical Manual of Mental Disorders* (*DSM*). The manual will be used throughout your program. The *DSM* will be used from course to course, so students who already own the current edition of the manual need not purchase another. Once purchased, students should keep the manual for all subsequent classes while attending GCU and for reference after graduation.

Syllabus and Textbook Access

Many states require syllabi for licensure. If you are required to provide syllabi, contact your Student Service Counselor (SSC) to request official copies. Textbooks delivered via BibliU are accessible through the BibliU library upon first access to the digital classroom. It is recommended you download the BibliU app to access your textbooks. If a textbook is not delivered through BibliU, make sure to save the e-book to your computer as a PDF file. If you have trouble saving the e-book, contact GCU Technical Support.

Recommended Program Materials:

Publication Manual of the American Psychological Association

GCU has made APA templates and other resources available within the Student Success Center. However, be aware that a more complete APA manual can be purchased at your own expense. To order the APA manual, please visit the American Psychological Association.

International Classification of Disease

Students are encouraged (not required) to familiarize themselves with the current version of the *International Classification of Disease (ICD)* reference.

https://www.apa.org/ (https://www.apa.org/)

American School Counselor Association Ethical Standards for School Counselors

Follow the link to the "Legal and Ethical Responsibilities" page located on the ASCA website (2022). On the right of this page, there is a red box labeled 'Downloads' where you can access the 'ASCA Ethical Standards for School Counselors' PDF. School counselors must adhere to both the ACA and ASCA ethical standards.

https://www.schoolcounselor.org/About-School-Counseling/Ethical-Legal-Responsibilities (https://www.schoolcounselor.org/About-School-Counseling/Ethical-Legal-Responsibilities)

APA Formatting Tutorial

Review the APA Formatting Tutorial for formatting assistance.

https://ssc.gcu.edu/#/media-element/1FF26538-38D0-EA11-910D-005056BDE9D6 (https://ssc.gcu.edu/#/media-element/1FF26538-38D0-EA11-910D-005056BDE9D6)

ASCA School Counselor Professional Standards and Competencies

This resource is specifically for school counselors in training. Review the ASCA School Counselor Professional Standards and Competencies, located on the ASCA website.

https://www.schoolcounselor.org/getmedia/a8d59c2c-51de-4ec3-a565-a3235f3b93c3/SC-Competencies.pdf (https://www.schoolcounselor.org/getmedia/a8d59c2c-51de-4ec3-a565-

a3235f3b93c3/SC-Competencies.pdf)

CACREP Standards Mapping of Learning Outcomes

The course objectives were informed by the identified 2016 CACREP standards. Where applicable, objectives clearly identify the standards addressed.
Review the “CNL-540 CACREP Standards Mapping" document to see which specific CACREP standards are mapped to the course.

Clinical Mental Health Counseling e-Portfolio Requirements

At the end of this program, you will be required to submit an e-Portfolio. The e-Portfolio will highlight your progress and accomplishments as a developing clinical mental health counselor both academically and professionally. We recommend that you use Weebly or Google sites to create your portfolio. The portfolio requirements are located on the Counseling Community Connections (CCC) website. Please make sure you have at least one artifact for each required section below. Please note, a few sections are optional.
From the Home Page, click on the Counseling programs drop down menu and click on the Clinical Mental Health Counseling tab. Sign into the Clinical Mental Health Counseling page and you will click on the e-Portfolio tab at the top of the page to find the related e-Portfolio documents.

https://cce.gcu.edu (https://cce.gcu.edu)

CMHC and SC Counselor in Training Handbook

The "CMHC and SC Counselor in Training Handbook" is located on the Student Success Center website.

https://ssc.gcu.edu/#/page/chss/1576 (https://ssc.gcu.edu/#/page/chss/1576)

CNL-540 Student Guide to Individual Student Assessment-KPIs Presentation

To understand individual student assessments and Key Performance Indicators (KPIs) view the Student Guide presentation attached.

https://ssc.gcu.edu/#/media-element/f3b5ec1b-7504-ee11-915b-005056bd1429 (https://ssc.gcu.edu/#/media-element/f3b5ec1b-7504-ee11-915b-005056bd1429)

Counseling Research: A Practitioner-Scholar Approach

Balkin, R., & Kleist, D. (2022). *Counseling research: A practitioner-scholar approach* (2nd ed.). Wiley. ISBN-13: 9781119907688

Disability Accommodation Policy and Procedures Statement

Grand Canyon University (GCU) seeks to serve all students equally. This plan is established to provide all students with equal access to GCU's programs, systems, and facilities. To receive accommodations through the University, students are required to complete the Accommodation Request Form and provide supporting documentation to Student Disability Services.
Note: GCU cannot provide accommodations that are not requested. Review the Student Disability Services section of the University Policy Handbook, located on the GCU website for specific information regarding the policy and procedures.

GCU Counselor Dispositions

This resource is specifically for school counselors in training. Students in the Clinical Mental Health Counseling program should refer to the GCU "Counselor Dispositions."

https://ssc.gcu.edu/#/page/chss/1576 (https://ssc.gcu.edu/#/page/chss/1576)

GCU Library's Counseling & Clinical Psychology Guide

Refer to the GCU Library's Counseling & Clinical Psychology Guide webpage for counseling information to assist in your research.

https://libguides.gcu.edu/Counseling (https://libguides.gcu.edu/Counseling)

Lopes Write

Refer to the LopesWrite webpage for guidance regarding assignments requiring submission to LopesWrite.

https://support.gcu.edu/hc/en-us/articles/201277380-LopesWrite (https://support.gcu.edu/hc/en-us/articles/201277380-LopesWrite)

Methods of Instruction

The methods of instruction for this course may include but are not limited to lectures, small and large group discussion, guest speakers, individual assignments, group assignments, discussion questions, readings, videos, and online instruction.

Role Clarification for School Counselors in Training

This resource is specifically for school counselors in training. Throughout the program of study, school counselors in training will consider their counselor identity in the context of a school setting. School and clinical mental health counseling courses are integrated in order to best prepare graduates to serve children, adolescents, adults, and families who present multifaceted needs in both school and community settings. Since school counselors work in the education profession but are also well-versed in clinical mental health issues, the school counseling program will abide by the American School Counselor Association (ASCA) Code of Ethics and the Professional Dispositions of Learners.

School Counseling e-Portfolio Resources

The School Counseling e-Portfolio showcases your learning and development throughout your program of study; however, the final e-Portfolio will not be submitted until the end of your program in SCN-625: Internship III. As a result, you will need to consider concrete evidence of your counselor identity development based on various experiential learning opportunities. Although some of the professional artifacts related to the professional dispositions of learners may be selected from different course assignments as listed in the School Counseling e-Portfolio Guidelines, you may also provide evidence of your growth with other relevant assignments or activities depending on your personal preference. Please see the School Counseling e-Portfolio Template and use it to guide you in your selection process of how to best represent your ongoing professional development as a counselor in training.
From the Home Page, click on the Counseling programs drop down menu and click on the School Counseling tab. Sign into the School Counseling page and you will click on the e-Portfolio tab at the top of the page to find the related e-Portfolio documents.

https://cce.gcu.edu/ (https://cce.gcu.edu/)

Statistics Visual Learner

Review the terms in the "Statistics Visual Learner" media piece.

The better you understand each of these terms and calculations, the better you will do on the assignments in this course.

http://lc.gcumedia.com/hlt362v/the-visual-learner/the-visual-learner-v2.1.html (http://lc.gcumedia.com/hlt362v/the-visual-learner/the-visual-learner-v2.1.html)

The National Certified School Counselor

This resource is specifically for school counselors in training. For school counselors in training, explore the "The National Certified School Counselor," section of the National Board for Certified Counselors (NBCC) website site in preparation for exams.

https://www.nbcc.org/certification/ncsc (https://www.nbcc.org/certification/ncsc)

INSTRUCTOR ONLY MATERIALS

CNL-540 Course Revision History

CNL-540 Discussion Questions

CNL-540 Instructor Guide to Individual Student Assessment-KPIs Presentation

To understand individual student assessments and Key Performance Indicators (KPIs) view the Instructor Guide presentation attached.

CNL-540 Quiz: Answer Key

GCU Library Evaluating Sources: Scholarly Sources

Review the GCU Library Evaluating Sources: Scholarly Sources and read "Defining Scholarly Resources." You are required to support information provided in your assignments using scholarly resources.

GCU Library's Academic Writing

Refer to the GCU Library's Academic Writing resources on the Academic Writing and Study Skills website to find writing resources and tutorials.

GCU SC Professional Disposition of Learners

This resource is specifically for school counselors in training. Students in the School Counseling program should refer to the GCU "SC Professional Disposition of Learners" document, located in the Student Success Center.

GCU Writing Center

Refer to the Writing Resources located on GCU's Student Success Center website for additional guidance on completing assignments in the appropriate style and academic level.

Student Performance Evaluation Criteria and Procedures

For specific information on the grading policies and procedures, please see the most current University Policy Handbook (UPH) located on the Academic Catalog and Policies page.

TOPICS, OBJECTIVES, AND COURSE CONTENT

Topic 1: Overview of Research in Counseling and Ethical Research with Human Participants

Objectives:

1.1: Discuss the relationship between research and program evaluation in counseling.

1.2: Analyze the framework for research in counseling.

1.3: Identify key principles of ethical research with human subjects. [CACREP 2.F.8.j]

1.4: Describe the roles and responsibilities of researchers within the counseling profession. [CACREP 2.F.8.a]

Topic Materials

Textbooks

Electronic Resources

ACA Code of Ethics

Read section G from the "ACA Code of Ethics" (2014).

http://www.counseling.org/Resources/aca-code-of-ethics.pdf (http://www.counseling.org/Resources/aca-code-of-ethics.pdf)

Counseling Research: A Practitioner-Scholar Approach

Read Chapters 1 and 3 in *Counseling Research: A Practitioner-Scholar Approach.*

GCU Library Preparing for Literature Reviews

Explore GCU Library's "Preparing for Literature Reviews" section to assist in the completion of Topic 1 assignment.

https://libguides.gcu.edu/QualitativeDoctoralResearch/LitReview (https://libguides.gcu.edu/QualitativeDoctoralResearch/LitReview)

Inclusion of Special Populations in Clinical Research: Important Considerations and Guidelines

Read "Inclusion of Special Populations in Clinical Research: Important Considerations and Guidelines," by Winter, Page-Reeves, Page, Haozous, Solares, Nicole Cordova, and Larson, from *Journal of Clinical and Translational Research* (2018).

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6410628/ (https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6410628/)

Literature Review as a Research Methodology: An Overview and Guidelines

Read "Literature Review as a Research Methodology: An Overview and Guidelines," by Snyder, from *Journal of Business Research* (2019).

https://www-sciencedirect-com.lopes.idm.oclc.org/science/article/pii/S0148296319304564?via%3Dihub (https://www-sciencedirect-

com.lopes.idm.oclc.org/science/article/pii/S0148296319304564?via%3Dihub)

Optional - Brief Primary Care Behavioral Health Model for COVID-Related Concerns

For additional information, the following is recommended:

“Brief Primary Care Behavioral Health Model for COVID-Related Concerns," (00:32) by Dobmeyer, from American Psychological Association (2021).

https://psyctherapy-apa-org.lopes.idm.oclc.org/Title/777700728-001 (https://psyctherapy-apa-org.lopes.idm.oclc.org/Title/777700728-001)

Optional - Ethical and Safety Concerns Regarding the Use of Mental Health-Related Apps in Counseling: Considerations for Counselors

For additional information, the following is recommended:

“Ethical and Safety Concerns Regarding the Use of Mental Health-Related Apps in Counseling: Considerations for Counselors,” by Palmer and Burrows, from *Journal of Technology in Behavioral Science* (2020).

https://doi.org/10.1007/s41347-020-00160-9 (https://doi.org/10.1007/s41347-020-00160-9)

Optional - Identifying Ethical Issues in Mental Health Research With Minors Adolescents: Results of a Delphi Study

For additional information, the following is recommended:

“Identifying Ethical Issues in Mental Health Research With Minors Adolescents: Results of a Delphi Study,” by Hiriscau, Stingelin-Giles, Wasserman, and Reiter-Theil, from *International Journal of Environmental Research and Public Health* (2016).

https://www.mdpi.com/139604 (https://www.mdpi.com/139604)

The Belmont Report

Read “Ethical Principles and Guidelines for the Protection of Human Subjects of Research” from the *Belmont Report* (1979).

http://www.hhs.gov/ohrp/regulations-and-policy/belmont-report/ (http://www.hhs.gov/ohrp/regulations-and-policy/belmont-report/)

Assignments:

Research in Counseling* (Obj. 1.1 and 1.4)

Research is important in the field of counseling because it can help us to understand the profession, shed light on the theories and concepts, and to determine if the application of theories and concepts improve mental health. Research is the best mechanism for determining if something is effective and, if so, what parts and why.

Write a 1,000-1,250-word analysis about the importance of research in the field of counseling.

Include the following in your analysis:

- The relationship between research and program evaluation in counseling
- The roles and responsibilities of researchers in the counseling profession including a discussion about ethical and cultural considerations
- The relevant ethical and cultural strategies for conducting, interpreting, and reporting the results of research.
- At least two peer-reviewed resources to support your analysis.

Prepare this assignment according to the guidelines found in the APA Style Guide, located in the Student Success Center.

This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.

You are required to submit this assignment to LopesWrite. A link to the LopesWrite technical support articles is located in Class Resources if you need assistance.

*This assignment is recommended as a representative artifact in your e-Portfolio.

This performance assessment assesses the Key Performance Indicator (KPI) for Research & Program Evaluation.

This assignment is informed by the following CACREP Standards:

2.F.8.a. The importance of research in advancing the counseling profession, including how to critique research to inform counseling practice.

2.F.8.j. ethical and culturally relevant strategies for conducting, interpreting, and reporting the results of research and/or program evaluation

Refer to the "Student Guide Individual Student Assessment-KPIs" presentation and video in Class Resources.

Discussion Questions:

Topic 1 DQ 1 (Obj. 1.1 and 1.2)

What are contemporary standards of practice that support the training of mental health professionals in research methods? Give examples of responsible ways to incorporate research into clinical practice. Include at least one peer-reviewed resource to support your response. Cite any peer-reviewed references accordingly using in-text citations and a reference list.

Topic 1 DQ 2 (Obj. 1.1, 1.3, and 1.4)

Describe two dilemmas that counselor might face in attempting to plan research with special populations (e.g., seriously mentally ill, children, persons with disabilities, elderly, other members of a marginalized group of people). What are some ethical dilemmas a researcher could face with these populations? What principles of ethical research are involved? How would you handle these dilemmas in planning your research? Include at least one peer-reviewed resource to support your response. Cite any references accordingly using in-text citations and a reference list.

This discussion question is informed by the following CACREP Standards:
2.F.8.a. The importance of research in advancing the counseling profession, including how to critique research to inform counseling practice.
2.F.8.j. Ethical and culturally relevant strategies for conducting, interpreting, and reporting the results of research and/or program evaluation.

Participation:

Topic 1 Participation : 20.0 points

Topic 2: Conducting a Literature Review and Examination of Methodological Issues in Counseling Research

Objectives:

2.1: Develop research literacy in regard to counseling research.

2.2: Utilize essential practices in locating, exploring, and analyzing the literature on counseling research. [CACREP 2.F.8.a]

2.3: Analyze the core methodological issues in conducting counseling research. [CACREP 2.F.8.a]

2.4: Compare the strengths and limitations of evidence-based counseling practices. [CACREP 2.F.8.b]

Topic Materials

Textbooks

Electronic Resources

Counseling Research: A Practitioner-Scholar Approach

Read Chapter 2, 4, and 9 in *Counseling Research: A Practitioner-Scholar Approach.*

How to Build a Literature Review

Watch “How to Build a Literature Review” (00:03) from SAGE Knowledge (2019).

https://lopes.idm.oclc.org/login?url=https://sk-sagepub-com.lopes.idm.oclc.org/video/how-to-build-a-literature-review (https://lopes.idm.oclc.org/login?url=https://sk-sagepub-com.lopes.idm.oclc.org/video/how-to-build-a-literature-review)

Optional - Effective Internet Search: Basic Tools and Advanced Strategies

For additional information, the following is recommended:

"Effective Internet Search: Basic Tools and Advanced Strategies" (00:27) located on Films on Demand (2011).

https://lopes.idm.oclc.org/login?url=http://fod.infobase.com/PortalPlaylists.aspx?wID=96349&xtid=43788 (https://lopes.idm.oclc.org/login?url=http://fod.infobase.com/PortalPlaylists.aspx?wID=96349&xtid=43788)

Optional - Objectivity and Subjectivity in Social Research Video

For additional information, the following is recommended:

"Objectivity and Subjectivity in Social Research Video" (01:00) from Sage Research Methods (2015).

http://methods.sagepub.com.lopes.idm.oclc.org/video/objectivity-subjectivity-letherby (http://methods.sagepub.com.lopes.idm.oclc.org/video/objectivity-subjectivity-letherby)

Optional - Organizing Quantitative Data

For additional information, the following is recommended:

"Organizing Quantitative Data" video (0:37) located on Films on Demand (2005).

https://lopes.idm.oclc.org/login?url=http://fod.infobase.com/PortalPlaylists.aspx?wID=96349&xtid=36200 (https://lopes.idm.oclc.org/login?url=http://fod.infobase.com/PortalPlaylists.aspx?wID=96349&xtid=36200)

Section G: Research and Publication in the American Counseling Association Code of Ethics

Review "Section G: Research and Publication" in the American Counseling Association *Code of Ethics*.

http://www.counseling.org/Resources/aca-code-of-ethics.pdf (http://www.counseling.org/Resources/aca-code-of-ethics.pdf)

Assignments:

Topic 2 Short Answer Questions (Obj. 2.1, 2.2, 2.3, and 2.4)

In Topic 2, you will submit a document analyzing core methodological issues and comparing strengths and limitations by locating, exploring, and analyzing counseling research.
Using the attached document, "Short Answer Questions," briefly answer the questions and include at least three peer-reviewed journal articles beyond the textbook and course readings.
You are required to submit this assignment to LopesWrite. A link to the LopesWrite technical support articles is located in Class Resources if you need assistance. Include at least three peer-reviewed resources beyond the textbook and course readings to support your response. Cite any references accordingly using in-text citations and a reference list.
This assignment is informed by the following CACREP Standards:
2.F.8.a. The importance of research in advancing the counseling profession, including how to critique research to inform counseling practice.
2.F.8.b. Identification of evidence-based counseling practices.

Discussion Questions:

Topic 2 DQ 1 (Obj. 2.1)

Describe the major sections of a research report used in counseling research. What is the core content included in each section of the report? Distinguish between writing for research purposes versus writing for standard graduate level courses. How are they similar? How are they different? Include at least one peer-reviewed resource to support your response. Cite any references accordingly using in-text citations and a reference list.

Topic 2 DQ 2 (Obj. 2.1, 2.2, and 2.3)

Discuss some of the common problems that can be found in research reports as applied to counseling research? Include at least two peer-reviewed resources to justify your response. Cite any references accordingly using in-text citations and a reference list.

This discussion question is informed by the following CACREP Standard:

2.F.8.a. the importance of research in advancing the counseling profession, including how to critique research to inform counseling practice.

Participation:

Topic 2 Participation : 20.0 points

Topic 3: Exploration of Statistical Concepts and Experimental Methods in Counseling Research

Objectives:

3.1: Analyze the principal characteristics of a good experimental design. [CACREP 2.F.8.i]

3.2: Analyze quantitative designs and methods and how they can be applied to counseling research.

3.3: Describe validity and reliability. [CACREP 2.F.8.i]

3.4: Describe factors that may affect the internal validity of an experimental design. [CACREP 2.F.8.i]

3.5: Analyze basic principles of statistical analysis. [CACREP 2.F.8.i]

3.6: Describe the multivariate models within experimental research designs. [CACREP 2.F.8.i]

Topic Materials

Textbooks

Electronic Resources

A Primer on Multivariate Analysis of Variance (MANOVA) for Behavioral Scientists

Read "A Primer on Multivariate Analysis of Variance (MANOVA) for Behavioral Scientists," by Russell, from *Practical Assessment, Research, and Evaluation* (2014).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=ofs&AN=99779851&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=ofs&AN=99779851&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost)

Collecting Your Data

Read “Collecting Your Data," by Hugh-Jones and Gibson, from *Doing Your Qualitative Psychology Project* (2012).

http://srmo.sagepub.com.lopes.idm.oclc.org/view/doing-your-qualitative-psychology-project/n6.xml?rskey=Qbv4IK (http://srmo.sagepub.com.lopes.idm.oclc.org/view/doing-your-qualitative-psychology-project/n6.xml?rskey=Qbv4IK)

Counseling Research: A Practitioner-Scholar Approach

Read Chapters 5, 6, and 7 in *Counseling Research: A Practitioner-Scholar Approach*.

Optional - Chapter 1: Basic Statistical Concepts for Experimental Designs

For additional information, the following is recommended:

“Chapter 1: Basic Statistical Concepts for Experimental Designs” (00:03) from SAGE Knowledge (2017).

https://lopes.idm.oclc.org/login?url=https://methods.sagepub.com/video/an-introduction-to-experimental-designs-i (https://lopes.idm.oclc.org/login?url=https://methods.sagepub.com/video/an-introduction-to-experimental-designs-i)

Optional - Chapter 12: The Data Analysis Phase

For additional information, the following is recommended:

“Chapter 12: The Data Analysis Phase,” by Rakovshik, in *An Introduction to CBT Research* from SAGE Publications (2020).

https://lopes.idm.oclc.org/login?url=https://sk-sagepub-com.lopes.idm.oclc.org/books/an-introduction-to-cbt-research/i844.xml (https://lopes.idm.oclc.org/login?url=https://sk-sagepub-com.lopes.idm.oclc.org/books/an-introduction-to-cbt-research/i844.xml)

Optional - Confused? Analyzing Qualitative Data

For additional information, the following is recommended:

“Confused? Analyzing Qualitative Data” (00:02) from SAGE Research Methods (2020).

https://lopes.idm.oclc.org/login?url=https://methods-sagepub-com.lopes.idm.oclc.org/video/confused-analyzing-qualitative-data-sixth-edition (https://lopes.idm.oclc.org/login?url=https://methods-sagepub-

com.lopes.idm.oclc.org/video/confused-analyzing-qualitative-data-sixth-edition)

Optional - Further Aspects

For additional information, the following is recommended:

“Further Aspects,” by Auspurg and Hinz, from *Quantitative Applications in the Social Sciences*: *Factorial Survey Experiments* (2015).

http://srmo.sagepub.com.lopes.idm.oclc.org/view/factorial-survey-experiments/n6.xml?rskey=6XvdNR&row=9 (http://srmo.sagepub.com.lopes.idm.oclc.org/view/factorial-survey-experiments/n6.xml?rskey=6XvdNR&row=9)

Optional - Inferential Statistics

For additional information, the following is recommended:

"Inferential Statistics" (0:35) located in Films on Demand (2005).

https://lopes.idm.oclc.org/login?url=http://fod.infobase.com/PortalPlaylists.aspx?wID=96349&xtid=36201 (https://lopes.idm.oclc.org/login?url=http://fod.infobase.com/PortalPlaylists.aspx?wID=96349&xtid=36201)

Optional - Multivariate Statistical Analysis

For additional information, the following is recommended:

“Multivariate Statistical Analysis,” by Shiker, from *British Journal of Science* (2012).

https://www.researchgate.net/publication/319808256_Multivariate_Statistical_Analysis (https://www.researchgate.net/publication/319808256_Multivariate_Statistical_Analysis)

Optional - Telebehavioral Health (TBH) Use Among Rural Medicaid Beneficiaries: Relationships With Telehealth Policies

For additional information, the following is recommended:

“Telebehavioral Health (TBH) Use Among Rural Medicaid Beneficiaries: Relationships With Telehealth Policies,” by Talbot, Jonk, Burgess, Thayer, Ziller, Paluso, and Coburn, from *Journal of Rural Mental Health* (2020).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2020-64130-001&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost

(https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2020-64130-001&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost)

Optional - The Relationship Between Access to Mental Health Counseling and Interest in Rural Telehealth

For additional information, the following is recommended:

"The Relationship Between Access to Mental Health Counseling and Interest in Rural Telehealth," by Weinzimmer, Dalstrom, Klein, Foulger, and de Ramirez, from *Journal of Rural Mental Health*. (2021).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2021-34770-001&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=pdh&AN=2021-34770-001&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost)

Assignments:

Multivariate Approaches (Obj. 3.1, 3.3, 3.4, 3.5, and 3.6)

Identify a counseling topic that can be analyzed using multivariate approaches in research (e.g., PTSD, treatment for adolescence, self-esteem). This topic should be of professional interest to you and can be used for multiple assignments throughout the course.

Use the GCU Library to find five peer-reviewed articles not already in this course that support the criteria below.

Write a 750-1,000-word analysis about your selected articles. Be sure to include the following in your analysis:

- The key variables in the selected articles
- The validity and reliability reported statistics for the articles
- The particular threats to internal validity that were found in at least one study
- The strengths and limitations of the use of multivariate models to identify findings in your selected articles
- References and in-text citations for the selected articles

Prepare this assignment according to the guidelines found in the APA Style Guide, located in the Student Success Center.

This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.

You are required to submit this assignment to LopesWrite. A link to the

LopesWrite technical support articles is located in Class Resources if you need assistance.
This assignment is informed by the following CACREP Standard:
2.F.8.i. Analysis and use of data in counseling.

Discussion Questions:

Topic 3 DQ 1 (Obj. 3.3 and 3.4)

Describe and discuss validity and reliability. Identify the threats to experimental validity. How would you go about designing an experimental study that will control for/reduce any potential threats to validity and reliability in your study? Why is it important to be aware of these threats? Include at least two peer-reviewed resources to justify your response. Cite any references accordingly using in-text citations and a reference list.
This discussion question is informed by the following CACREP Standard:

2.F.8.i. Analysis and use of data in counseling.

Topic 3 DQ 2 (Obj. 3.2)

What are the three key aspects of an experimental design? Identify a research project that utilizes comparison group models. Explain how you would determine the validity and reliability of both the design and the methods of your research. Include at least one peer-reviewed resource to support your response. Cite any references accordingly using in-text citations and a reference list.

Participation:

Topic 3 Participation : 20.0 points

Topic 4: Qualitative and Quantitative Designs in Counseling Research

Objectives:

4.1: Compare core concepts of program evaluation in both qualitative and quantitative research. [CACREP 2.F.8.g]

4.2: Analyze qualitative research designs. [CACREP 2.F.8.f, 2.F.8.g]

4.3: Analyze quantitative research designs. [CACREP 2.F.8.f, 2.F.8.g]

4.4: Evaluate the essential applications of data analysis to counseling research outcomes. [CACREP 2.F.8.g]

4.5: Analyze available statistical computer software utilized in the management and reporting of research data and outcomes. [CACREP 2.F.8.h]

Topic Materials

Textbooks

Electronic Resources

Academic Integrity Violations

To complete the Topic 4 assignment, review the “Academic Integrity Violations” section in the most current University Policy Handbook (UPH) located on the Academic Catalog and Policies page.

https://www.gcu.edu/academics/academic-policies.php (https://www.gcu.edu/academics/academic-policies.php)

Counseling Research: A Practitioner-Scholar Approach

Read Chapter 8 in *Counseling Research: A Practitioner-Scholar Approach*.

Images, Infographics & Graphics Resources

Review the GCU library's webpage Images, Infographics & Graphics Resources to successfully complete the Topic 4 assignment.

https://libguides.gcu.edu/Images/Infographics (https://libguides.gcu.edu/Images/Infographics)

Optional - Exploring Qualitative Methods

For additional information, the following is recommended:

"Exploring Qualitative Methods" (00:45) located in Films on Demand (2005).

https://lopes.idm.oclc.org/login?url=http://fod.infobase.com/PortalPlaylists.aspx?wID=96349&xtid=36202 (https://lopes.idm.oclc.org/login?url=http://fod.infobase.com/PortalPlaylists.aspx?wID=96349&xtid=36202)

Optional - Understanding the Implementation of Telemental Health in Rural Mississippi: An Exploratory Study of Using Technology to Improve Health Outcomes in Impoverished Communitie

For additional information, the following is recommended:

"Understanding the Implementation of Telemental Health in Rural Mississippi: An Exploratory Study of Using Technology to Improve Health Outcomes in Impoverished Communities," by Holland, Hatcher, and Meares, from *Journal of Health and Human Services Administration* (2018).

https://lopes.idm.oclc.org/login?url=https://www-proquest-com.lopes.idm.oclc.org/scholarly-journals/understanding-implementation-telemental-health/docview/2051207500/se-2?accountid=7374 (https://lopes.idm.oclc.org/login?url=https://www-proquest-com.lopes.idm.oclc.org/scholarly-journals/understanding-implementation-telemental-health/docview/2051207500/se-2?accountid=7374)

Optional - Understanding the Necessity of Trauma-Informed Care in Community Schools: A Mixed-Methods Program Evaluation

For additional information, the following is recommended:

"Understanding the Necessity of Trauma-Informed Care in Community Schools: A Mixed-Methods Program Evaluation," by Báez, Renshaw, Bachman, Kim, Smith and Stafford, from *Children & Schools* (2019).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=psyh&AN=2019-20441-005&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=psyh&AN=2019-20441-005&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost)

Optional - Virtual Reality Group Therapy for the Treatment of Depression: A Qualitative Study on Stakeholder Perspectives

For additional information, the following is recommended:

"Virtual Reality Group Therapy for the Treatment of Depression: A Qualitative Study on Stakeholder Perspectives," by Dilgul, Hickling, Antonie, Priebe, and Bird, from *Frontiers in Virtual Reality* (2021).

https://doi.org/10.3389/frvir.2020.609545 (https://doi.org/10.3389/frvir.2020.609545)

The Relevance of Results in Clinical Research: Statistical, Practical, and Clinical Significance

Read "The Relevance of Results in Clinical Research: Statistical, Practical, and Clinical Significance," by Pintea, from *Journal of Cognitive and Behavioral Psychotherapies* (2010).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswss&AN=000276729100008&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost

(https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswss&AN=000276729100008&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost)

Assignments:

Key Findings Infographic* (Obj. 4.2, 4.3 and 4.4)

In this assignment, you will be creating a visual resource that displays research insights from a counseling-oriented publication exploring virtual reality interventions.

Using the GCU library, find a peer-reviewed article published within the past 5 years about virtual reality interventions in counseling. Make sure the article you select for this assignment has a methodology and some form of data set being reported in the publication. You will use this article to create a single page infographic or other form of visual display for one of the principal findings from the research study. Use Canva, Word, PowerPoint (single slide), or any other program to display data and information in a creative and visually appealing manner.

Your infographic will be graded on the following content areas:

- Virtual Reality Interventions
- Principal Finding
- Data and Information

Your infographic will be graded on the following organization and format areas:

- Visual Appeal
- Presentation
- Mechanics of Writing

NOTE: To ensure academic integrity with an infographic, it is encouraged to cite all information and include your name and date in the same font, size, etc. as surrounding text. Adding your name as an image to another image is ill advised. For more information on creating an infographic, please review the GCU library's Images, Infographics & Graphics Resources webpage in the Topic 4 Resources. Refer to the Topic 4 Resources "Academic Integrity Violations" section of the University Policy Handbook and the "Academic Integrity Violations" for more information on academic integrity.

***Note: This assignment is a recommended artifact for your e-portfolio since you are creating a visual resource that applies research into practice.**

This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion. You are not required to submit this assignment to LopesWrite.

This assignment is informed by the following CACREP Standards:
2.F.8.f. Qualitative, quantitative, and mixed research methods.
2.F.8.g. Designs used in research and program evaluation.

Discussion Questions:

Topic 4 DQ 2 (Obj. 4.4)

A researcher plans to study the use of street drugs in their community. What methodology would best suit this research question? How would the sample be collected? What ethical considerations regarding document security, protection of respondents' privacy, etc. would be critical in this type of study? Include at least one peer-reviewed resource to support your response. Cite any references accordingly using in-text citations and a reference list.
This discussion question is informed by the following CACREP Standards:
2.F.8.g. Designs used in research and program evaluation.

Topic 4 DQ 1 (Obj. 4.5)

What software would you use to analyze a quantitative data set? If the data you collected was qualitative, what software would you use to analyze your data instead? How will your participants have a different experience across these two studies? Describe some of the key differences between analyzing data collected in these different methodologies. Include at least one peer-reviewed resource to support your response. Cite any references accordingly using in-text citations and a reference list.

This discussion question is informed by the following CACREP Standard:

2.F.8.h. Statistical methods used in conducting research and program evaluation.

Participation:

Topic 4 Participation : 20.0 points

Topic 5: An Overview of Survey, Mixed Methods, and Action Research

Objectives:

5.1: Identify the principles of survey development in counseling research. [CACREP 2.F.8.g]

5.2: Analyze the advantages and limitations of survey development in counseling research. [CACREP 2.F.8.g]

5.3: Analyze the features of quasi-experimental variables and designs. [CACREP 2.F.8.g]

5.4: Analyze the purpose and core methodologies utilized in mixed methods designs as applied to counseling research. [CACREP 2.F.8.f]

5.5: Describe the primary role and function of action research as applied to counseling. [CACREP 2.F.8.a]

Topic Materials

Textbooks

Electronic Resources

Counseling Research: A Practitioner-Scholar Approach

Read Chapter 9 in *Counseling Research: A Practitioner-Scholar Approach.*

Optional - An Introduction to Survey Research

For additional information, the following is recommended:
"An Introduction to Survey Research" (00:18), by Yahng, from SAGE Research Methods Video (2017).

https://lopes.idm.oclc.org/login?url=https://methods.sagepub.com/video/an-introduction-to-survey-research (https://lopes.idm.oclc.org/login?url=https://methods.sagepub.com/video/an-introduction-to-survey-research)

Optional - Chapter 1: Definitional Issues

For additional information, the following is recommended:

"Chapter 1: Definitional Issues," by Creamer, from *An Introduction to Fully Integrated Mixed Methods Research* (2018).

http://methods.sagepub.com.lopes.idm.oclc.org/book/an-introduction-to-fully-integrated-mixed-methods-research/i672.xml (http://methods.sagepub.com.lopes.idm.oclc.org/book/an-introduction-to-fully-integrated-mixed-methods-research/i672.xml)

Optional - Chapter 1: Survey Research

For additional information, the following is recommended:

"Chapter 1: Survey Research" (00:18), by Krumrei Mancuso, in *Learning to Design a Survey Study Sage Research Methods* (2018).

https://lopes.idm.oclc.org/login?url=https://methods-sagepub-com.lopes.idm.oclc.org/video/learning-to-design-a-survey-study?seq=1 (https://lopes.idm.oclc.org/login?url=https://methods-sagepub-com.lopes.idm.oclc.org/video/learning-to-design-a-survey-study?seq=1)

Optional - Chapter 24: Mixing Qualitative and Quantitative Methods: A Pragmatic Approach

For additional information, the following is recommended:

"Chapter 24: Mixing Qualitative and Quantitative Methods: A Pragmatic Approach," by Yardley and Bishop, from *The SAGE Handbook of Qualitative Research in Psychology* (2017).

http://methods.sagepub.com.lopes.idm.oclc.org/book/the-sage-handbook-of-qualitative-research-in-psychology-second-edition/i3368.xml (http://methods.sagepub.com.lopes.idm.oclc.org/book/the-sage-handbook-of-qualitative-research-in-psychology-second-edition/i3368.xml)

Optional - Chapter 4: Action Research

For additional information, the following is recommended:

"Chapter 4: Action Research," by Kagan, Burton, and Siddiquee, from *The SAGE Handbook of Qualitative Research in Psychology* (2017).

http://methods.sagepub.com.lopes.idm.oclc.org/book/the-sage-handbook-of-qualitative-research-in-psychology-second-edition/i678.xml (http://methods.sagepub.com.lopes.idm.oclc.org/book/the-sage-handbook-of-qualitative-research-in-psychology-second-edition/i678.xml)

Optional - Conducting Online Surveys

For additional information, the following is recommended:

"Chapters 1-3 of Conducting Online Surveys," by Sue and Ritter, from Sage (2012).

https://lopes.idm.oclc.org/login?url=https://methods-sagepub-com.lopes.idm.oclc.org/book/conducting-online-surveys-2e (https://lopes.idm.oclc.org/login?url=https://methods-sagepub-com.lopes.idm.oclc.org/book/conducting-online-surveys-2e)

Optional - Homelessness, Addictions and Mental Health in a Northern, Rural Context: Using Mixed Research Methods in a Community-Based Research Design to Identify Gaps in Services

For additional information, the following is recommended:

“Homelessness, Addictions and Mental Health in a Northern, Rural Context: Using Mixed Research Methods in a Community-Based Research Design to Identify Gaps in Services," by Young, from *SAGE Research Methods Cases* (2016).

https://doi-org.lopes.idm.oclc.org/10.4135/97814462730501559539 8 (https://doi-org.lopes.idm.oclc.org/10.4135/97814462730501559539 8)

Optional - Informed Consent Content in Research With Survivors of Psychological Trauma

For additional information, the following is recommended:

“Informed Consent Content in Research With Survivors of Psychological Trauma,” by Abu-Rus, Bussell, Olsen, Ardill, Davis-Ku, and Arzoumanian, from *Ethics & Behavior* (2019).

https://doi-org.lopes.idm.oclc.org/10.1080/10508422.2018.1551802 (https://doi-org.lopes.idm.oclc.org/10.1080/10508422.2018.1551802)

Optional - Nonexperimental Research Methods in Psychology

For additional information, the following is recommended:
“Nonexperimental Research Methods in Psychology” (00:34) located in Films on Demand (2006).

https://lopes.idm.oclc.org/login?url=http://fod.infobase.com/PortalPlaylists.aspx?wID=96349&xtid=40124 (https://lopes.idm.oclc.org/login?url=http://fod.infobase.com/PortalPlaylists.aspx?wID=96349&xtid=40124)

Optional - Researching Black Mothers' Symptoms of PTSD and Depression Using Cluster Analysis and Logistic Regression

For additional information, the following is recommended:

“*Researching Black Mothers' Symptoms of PTSD and Depression Using Cluster Analysis and Logistic Regression*” (00:15), by Mendenhall, from SAGE Knowledge (2017).

https://lopes.idm.oclc.org/login?url=https://methods.sagepub.com/video/researching-black-mothers-symptoms-of-ptsd-and-depression-using-cluster-analysis-and-logistic-reg (https://lopes.idm.oclc.org/login?url=https://methods.sagepub.com/video/researching-black-mothers-symptoms-of-ptsd-and-depression-using-cluster-analysis-and-logistic-reg)

Optional - Statistics Visual Learner - Media

For additional information, the following is recommended:

Review any of the calculations in the "Statistics Visual Learner" covered in the course previously as needed.

http://lc.gcumedia.com/hlt362v/the-visual-learner/the-visual-learner-v2.1.html (http://lc.gcumedia.com/hlt362v/the-visual-learner/the-visual-learner-v2.1.html)

Sensitive Questions in Online Surveys: Experimental Results for the Randomized Response Technique (RRT) and the Unmatched Count Technique (UCT)

Read "Sensitive Questions in Online Surveys: Experimental Results for the Randomized Response Technique (RRT) and the Unmatched Count Technique (UCT)," by Coutts and Jann, from *SAGE Internet Research Methods* (2011).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edswss&AN=000286103900008&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edswss&AN=000286103900008&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost)

Assignments:

Online Survey Presentation (Obj. 5.1, 5.2, and 5.5)

In Topic 5, you will be creating a presentation to identify the principles and analyze the advantages and limitations of survey development. Furthermore, you will be describing action research in relation to counseling.
After reading Chapters 1-3 of *Conducting Online Surveys* located in the Topic 5 Resources, go to the GCU library to find a peer-reviewed article related to the field of counseling which utilized survey methods for data collection. You will then create a 7-10-slide presentation that addresses the following:

- What are the three main purposes for conducting social research? How did your selected study accomplish these purposes?
- Imagine you were assigned to conduct a survey for a community mental health agency that considers some of the findings from the study you selected. (a) What preliminary research would you conduct in preparation for designing the survey? (b) Whom would you contact for information and advice on your online survey questionnaire? (c) Would you recommend an online survey for this project? Why or why not?
- Write one goal and one objective for this online survey project.

Include one peer-reviewed resource beyond the textbook and required topic resources on the reference slide in your presentation.
Refer to the resource, "Creating Effective PowerPoint Presentations," located in the Student Success Center, for additional guidance on completing this assignment in the appropriate style.
Title slide and reference slide are not included in the slide count. Include speaker notes below each content-related slide that represent what would be said if giving the presentation in person. Expand upon the information included in the slide and do not simply restate it. **Please ensure the speaker notes include a minimum of 100 words**.
Prepare this assignment according to the guidelines found in the APA Style Guide, located in the Student Success Center.
This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.
You are required to submit this assignment to LopesWrite. A link to the LopesWrite technical support articles is located in Class Resources if you need assistance.
This assignment is informed by the following CACREP Standards:
2.F.8.a. The importance of research in advancing the counseling profession, including how to critique research to inform counseling practice.
2.F.8.g. Designs used in research and program evaluation.

Discussion Questions:

Topic 5 DQ 2 (Obj. 5.4)

In making decisions about your use of a mixed methods design study, describe and discuss two of the following:

- How you will determine the order in which to implement qualitative and quantitative aspects of the study
- How you will decide the extent to which each type of data [qualitative and quantitative] will be incorporated into your study
- How you will decide if the two types of data are to be combined/mixed
- How you will determine and apply a theory guiding the design of your study

Include at least two peer-reviewed sources with mixed methodology to support your response. Cite any references accordingly using in-text citations and a reference list.

This discussion question is informed by the following CACREP Standard:

2.F.8.f. Qualitative, quantitative, and mixed research methods.

Topic 5 DQ 1 (Obj. 5.3)

What are the features of quasi-experimental variables and designs? Under what conditions would this type of approach be appropriate? Include at least one peer-reviewed resource to support your response. Cite any references accordingly using in-text citations and a reference list.

This discussion question is informed by the following CACREP Standard:

2.F.8.g. Designs used in research and program evaluation.

Participation:

Topic 5 Participation : 20.0 points

Topic 6: Analysis and Presentation of Findings in Counseling Research

Objectives:

6.1: Compare the use of research and program evaluation in counseling. [CACREP 2.F.8.c, 2.F.8.d, 2.F.8.e]

6.2: Describe the advantages and challenges associated with conducting program evaluation. [CACREP 2.F.8.c, 2.F.8.i]

6.3: Analyze the ethical issues involved in conducting program evaluation and utilizing data management systems. [CACREP 2.F.8.c, 2.F.8.j]

Topic Materials

Textbooks

Electronic Resources

Counseling Research: A Practitioner-Scholar Approach

Read Chapter 13 in *Counseling Research: A Practitioner-Scholar Approach*.

Optional - An Introduction to Data Collection in Program Evaluation

For additional information, the following is recommended:

“An Introduction to Data Collection in Program Evaluation” (00:15), by Fischer, from SAGE Research Methods Video (2017).

https://lopes.idm.oclc.org/login?url=https://methods.sagepub.com/video/an-introduction-to-data-collection-in-program-evaluation (https://lopes.idm.oclc.org/login?url=https://methods.sagepub.com/video/an-introduction-to-data-collection-in-program-evaluation)

Optional - Chapter 12: Program Evaluation, Archival Research, and Meta-Analytic Designs

For additional information, the following is recommended:

"Chapter 12: Program Evaluation, Archival Research, and Meta-Analytic Designs," by Rooney and Evans, from *Methods in Psychological Research* (4th ed.) (2019).

http://methods.sagepub.com.lopes.idm.oclc.org/book/methods-in-psychological-research-4e/i2118.xml?fromsearch=true (http://methods.sagepub.com.lopes.idm.oclc.org/book/methods-in-psychological-research-4e/i2118.xml?fromsearch=true)

Optional - Chapter 13: Analyzing, Interpreting, and Summarizing Research Data

For additional information, the following is recommended:

"Chapter 13: Analyzing, Interpreting, and Summarizing Research Data," by Rooney and Evans, from *Methods in Psychological Research* (4th ed.) (2019).

http://methods.sagepub.com.lopes.idm.oclc.org/book/methods-in-psychological-research-4e/i2211.xml (http://methods.sagepub.com.lopes.idm.oclc.org/book/methods-in-psychological-research-4e/i2211.xml)

Optional - Research Design

For additional information, the following is recommended:

Research Design (00:16) from Sage Research Methods video (2013).

https://methods-sagepub-com.lopes.idm.oclc.org/video/designing-research-payne (https://methods-sagepub-com.lopes.idm.oclc.org/video/designing-research-payne)

Preparing Annotated Bibliographies (APA 7th, MLA 9th, & Turabian 9th Editions)

Read "Preparing Annotated Bibliographies (APA 7th, MLA 9th, & Turabian 9th Editions)" located in the Student Success Center (2022).

https://ssc.gcu.edu/#/page/writing-center/75 (https://ssc.gcu.edu/#/page/writing-center/75)

Statistics Visual Learner - Media

Review any of the calculations in the "Statistics Visual Learner" covered in the course previously as needed.

http://lc.gcumedia.com/hlt362v/the-visual-learner/the-visual-learner-v2.1.html (http://lc.gcumedia.com/hlt362v/the-visual-learner/the-visual-learner-v2.1.html)

Using the Transformative Paradigm to Conduct a Mixed Methods Needs Assessment of a Marginalized Community: Methodological Lessons and Implications

Read “Using the Transformative Paradigm to Conduct a Mixed Methods Needs Assessment of a Marginalized Community: Methodological Lessons and Implications,” by Jackson, Pukys, Castro, Hermosura, Mendez, Vohra-Gupta and Morales, from *Evaluation and Program Planning* (2018).

https://www-sciencedirect-com.lopes.idm.oclc.org/science/article/pii/S014971891730126X (https://www-sciencedirect-com.lopes.idm.oclc.org/science/article/pii/S014971891730126X)

Assignments:

Community Mental Health Research Report (Obj. 6.1)

In Topic 6, you will be comparing the use of research and program evaluation in counseling. Furthermore, you will conduct a needs assessment, describe recommendations to fit the needs of the community, and research interventions before evaluating their effectiveness.

Select a local program in your community that provides counseling services (examples: community mental health agency program, school counseling program, support group program).

Imagine that you have been asked by the program you chose to conduct a needs assessment to identify any gaps in services and recommendations for services to fit the needs of the community.

You will be using the GCU library to identify three peer-reviewed articles that collected samples of data from community mental health or school-based programs like the one you have selected. Using these resources, create a report that can be used to carry out a needs assessment improving the services in your community. Report templates can be found online, within Microsoft Word, or through other word processing software.

Within the content of the report address the following with support from your selected three peer-reviewed articles:

- Describe how you would conduct a needs assessment to improve the services in your community.
- Explain your processes of selecting a quantitative or qualitative measurement tool and why this specific tool was selected.
- Explain how the tool you selected provides useful findings for this program. Integrate findings from previous research studies to discuss likely outcomes for your program's needs assessment.
  Explain how your dependent and independent variables in your study might change your expectations of participant experiences with interventions while collecting data.
- Describe the properties of validity and reliability for the instrument you have selected. Was the research conducted based on quantitative or qualitative measures?

Include three peer-reviewed articles in the reference section of your research report.

Prepare this assignment according to the guidelines found in the APA Style Guide, located in the Student Success Center.

This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.

You are required to submit this assignment to LopesWrite. A link to the LopesWrite technical support articles is located in Class Resources if you need assistance.

This assignment is informed by the following CACREP Standards:

2.F.8.c. Needs assessments.

2.F.8.d. Development of outcome measures for counseling programs.

2.F.8.e. Evaluation of counseling interventions and programs.

Discussion Questions:

Topic 6 DQ 1 (Obj. 6.2 and 6.3)

You have been selected by your nonprofit agency or school to evaluate client satisfaction with various clinical services. The agency serves approximately 2,000 clients. How would you go about planning a process to evaluate client satisfaction with services? Include at least one peer-reviewed resource to support your response. Cite any references accordingly using in-text citations and a reference list.

This discussion question is informed by the following CACREP Standards:

2.F.8.c. Needs assessments.

2.F.8.i. Analysis and use of data in counseling.

2.F.8.j. Ethical and culturally relevant strategies for conducting, interpreting, and reporting
the results of research and/or program evaluation.

Topic 6 DQ 2 (Obj. 6.1, 6.2, and 6.3)

Describe and discuss the essential elements of a needs assessment in conducting program evaluation. What are the considerations of choosing and implementing needs assessment? Describe how you will apply cultural sensitivity and relevance within your needs assessment. Include at least two peer-reviewed resources to support your response. Cite any references accordingly using in-text citations and a reference list.

This discussion question is informed by the following CACREP Standards:

2.F.8.c. Needs assessments.

2.F.8.d. Development of outcome measures for counseling programs.

2.F.8.e. Evaluation of counseling interventions and programs.

2.F.8.i. Analysis and use of data in counseling.

2.F.8.j. Ethical and culturally relevant strategies for conducting, interpreting, and reporting the results of research and/or program evaluation.

Participation:

Topic 6 Participation : 20.0 points

Topic 7: Writing in Counseling Research: Part I

Objectives:

7.1: Describe the framework of writing in counseling research.

7.2: Identify the various types of research reports.

7.3: Create a reference list to support a literature review on contemporary topics in the field of counseling.

7.4: Describe effective scientist-practitioner skill development.

Topic Materials

Textbooks

Electronic Resources

Association for Assessment and Research in Counseling

Explore the "Association for Assessment and Research in Counseling" website.

http://aarc-counseling.org/ (http://aarc-counseling.org/)

Counseling Research: A Practitioner-Scholar Approach

Read Chapters 10 and 11 in *Counseling Research: A Practitioner-Scholar Approach.*

GCU Library R & Data Visualization

Explore GCU Library's R & Data Visualization website for books, tutorials, examples, and tools.

https://libguides.gcu.edu/Informatics/Visualization (https://libguides.gcu.edu/Informatics/Visualization)

Optional - A Mixed-Methodological Evaluation of a Subjective Well-Being Intervention Program With Elementary-Age Students

For additional information, the following is recommended:

"A Mixed-Methodological Evaluation of a Subjective Well-Being Intervention Program With Elementary-Age Students," by Lenz, Gerlach, Dell'Aquila, and Pester, from *Journal of Counseling & Development* (2020).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=cul&AN=142124553&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=cul&AN=142124553&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost)

Optional - A Revised Checklist for Writing Up Research Reports

For additional information, the following is recommended:

"A Revised Checklist for Writing Up Research Reports," by West, Marsden, Humphreys, and Darke, from *Addiction* (2018).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=cul&AN=131052225&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=cul&AN=131052225&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost)

Optional - Chapter 13: Results and Findings

For additional information, the following is recommended:

"Chapter 13: Results and Findings," by McGregor, from *Understanding and Evaluating Research* (2018).

http://methods.sagepub.com.lopes.idm.oclc.org/book/understanding-and-evaluating-research/i3005.xml (http://methods.sagepub.com.lopes.idm.oclc.org/book/understanding-and-evaluating-research/i3005.xml)

Optional – Confused? Writing Up Your Research Project

For additional information, the following is recommended:
"Confused? Writing Up Your Research Project" (01:53), by Silverman, from Sage Research Methods (2020).

https://lopes.idm.oclc.org/login?url=https://methods-sagepub-com.lopes.idm.oclc.org/video/confused-writing-up-your-research-project-sixth-edition (https://lopes.idm.oclc.org/login?url=https://methods-sagepub-com.lopes.idm.oclc.org/video/confused-writing-up-your-research-project-sixth-edition)

Optional – Gambling-Related Cognitive Distortions in Residential Treatment for Gambling Disorder

For additional information, the following is recommended:
"Gambling-Related Cognitive Distortions in Residential Treatment for Gambling Disorder," by Ledgerwood, Dyshniku, McCarthy, Ostojic-Aitkens, Forfitt, and Rumble, from *Journal of Gambling Studies* (2020).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsgao&AN=edsgcl.628028037&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=edsgao&AN=edsgcl.628028037&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost)

Optional - How to Write the Results Part 1

For additional information, the following is recommended:

"How to Write the Results Part 1" (00:09), by Kirk, from YouTube (2015).

https://www.youtube.com/embed/pKAJz3eNxbg (https://www.youtube.com/embed/pKAJz3eNxbg)

Optional - How to Write the Results Part 2

For additional information, the following is recommended:

“How to Write the Results Part 2” (00:07), by Kirk, from YouTube.

https://www.youtube.com/embed/29xbuBPfiZw (https://www.youtube.com/embed/29xbuBPfiZw)

Optional - Hype in Reports of Clinical Research: The Authors' Perspectives

For additional information, the following is recommended:

“Hype in Reports of Clinical Research: The Authors' Perspectives,” by Millar, Budgell, and Salager-Meyer, from *English for Specific Purposes* (2020).

https://www-sciencedirect-com.lopes.idm.oclc.org/science/article/pii/S0889490620300296 (https://www-sciencedirect-com.lopes.idm.oclc.org/science/article/pii/S0889490620300296)

Optional - TEDTalks: Chimamanda Adichie - The Danger of a Single Story

For additional information, the following is recommended:
“TEDTalks: Chimamanda Adichie—The Danger of a Single Story” (00:18) from Films on Demand (2009).

https://lopes.idm.oclc.org/login?url=http://fod.infobase.com/PortalPlaylists.aspx?wID=96349&xtid=48462 (https://lopes.idm.oclc.org/login?url=http://fod.infobase.com/PortalPlaylists.aspx?wID=96349&xtid=48462)

Statistics Visual Learner - Media

Review any of the calculations in the "Statistics Visual Learner" covered in the course previously as needed.

http://lc.gcumedia.com/hlt362v/the-visual-learner/the-visual-learner-v2.1.html (http://lc.gcumedia.com/hlt362v/the-visual-learner/the-visual-learner-v2.1.html)

Assignments:

Literature Review Reference List (Obj. 7.3)

This topic, you are to collect six peer-reviewed sources published within the last 5 years and create a reference list for the Topic 8 assignment. You will use qualitative and quantitative research publications on your selected topic to supply a background for the Topic 8 literature review. Use the current APA style to format your reference list.
You are required to find at least one quantitative and at least one qualitative research publication on your selected topic. You cannot complete this literature review with only quantitative or only qualitative sources.

You will use these resources as the background supporting information for a literature review assignment in Topic 8 concerning the use of telehealth services for an appropriate mental health client population. Use these references to create your APA formatted reference page which you will also include at the end of your Topic 8 Literature Review.

- Be sure to find articles which provide empirically validated insights which support competent clinical practice in a variety of settings.
- At least one article should cover a review of variables related to multicultural / socioeconomic concerns.
- Additionally, at least one article should explore the ethics of telehealth practice with a population related to your other sources.

Prepare this assignment according to the guidelines found in the APA Style Guide, located in the Student Success Center.
This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.
You are required to submit this assignment to LopesWrite. A link to the LopesWrite technical support articles is located in Class Resources if you need assistance.

Discussion Questions:

Topic 7 DQ 1 (Obj. 7.4)

What does it mean to be a scientist-practitioner in the field of counseling? Describe the key knowledge, skills, and abilities of an effective scientist-practitioner. How might the Christian worldview complement the scientist-practitioner perspective? Include at least one peer-reviewed resource to support your response. Cite any references accordingly using in-text citations and a reference list.

Topic 7 DQ 2 (Obj. 7.1, 7.2, and 7.3)

Identify and define two different types of research reports. Discuss some of the common challenges that can be found in research reports as applied to counseling research? Include at least two peer-reviewed resources to justify your response. Cite any references accordingly using in-text citations and a reference list.

Participation:

Topic 7 Participation : 20.0 points

Topic 8: Writing in Counseling Research: Part II

Objectives:

8.1: Describe essential differences among qualitative and quantitative research reports. [CACREP 2.F.8.f]

8.2: Analyze characteristics of effective writing and publication in counseling research.

Topic Materials

Textbooks

Electronic Resources

Counseling Research: A Practitioner-Scholar Approach

Read Chapter 12 in *Counseling Research: A Practitioner-Scholar Approach.*

Optional - A Randomized Controlled Trial of Functional Communication Training via Telehealth for Young Children With Autism Spectrum Disorder

For additional information, the following is recommended:

“A Randomized Controlled Trial of Functional Communication Training via Telehealth for Young Children With Autism Spectrum Disorder,” by Lindgren, Wacker, Schieltz, Suess, Pelzel, Kopelman, Lee, Romani, and O’Brien, from *Journal of Autism & Developmental Disorders* (2020).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=cul&AN=147103378&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=cul&AN=147103378&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost)

Optional - Chapter 1: Designing Your Research Proposal

For additional information, the following is recommended:

"Chapter 1: Designing Your Research Proposal" (00:12) from Sage Research Methods (2013).

https://lopes.idm.oclc.org/login?url=https://methods-sagepub-com.lopes.idm.oclc.org/video/designing-research-proposal-williams?seq=1 (https://lopes.idm.oclc.org/login?url=https://methods-sagepub-com.lopes.idm.oclc.org/video/designing-research-proposal-williams?seq=1)

Optional - How Juries Are Fooled by Statistics

For additional information, the following is recommended:

“TEDTalks: Peter Donnelly—How Juries Are Fooled by Statistics” (00:21) from Films on Demand (2006).

https://www.ted.com/talks/peter_donnelly_how_juries_are_fooled_by_statistics?utm_campaign=tedspread&utm_medium=referral&utm_source=tedcomshare (https://www.ted.com/talks/peter_donnelly_how_juries_are_fooled_by_statistics?utm_campaign=tedspread&utm_medium=referral&utm_source=tedcomshare)

Optional - How the Psychology of Education Contributes to Research With a Social Impact on the Education of Students With Special Needs: The Case of Successful Educational Actions

For additional information, the following is recommended:

“How the Psychology of Education Contributes to Research With a Social Impact on the Education of Students With Special Needs: The Case of Successful Educational Actions,” by Duque, Gairal, Molina, and Roca, from *Frontiers in Psychology* (2020).

https://doi.org/10.3389/fpsyg.2020.00439 (https://doi.org/10.3389/fpsyg.2020.00439)

Optional - Not All Scientific Studies Are Created Equal - David H. Schwartz

For additional information, the following is recommended:

“Not All Scientific Studies Are Created Equal - David H. Schwartz” (00:04) from TED-Ed located on YouTube (2015).

https://youtu.be/GUpd2HJHUt8 (https://youtu.be/GUpd2HJHUt8)

Optional - Publishing in the Journal of Mental Health Counseling: A Guide for Authors

For additional information, the following is recommended:

“Publishing in the *Journal of Mental Health Counseling*: A Guide for Authors,” by Tavakoli, Miller, Luke, Field, and Weigold, from *Journal of Mental Health Counseling* (2020).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=142988659&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=142988659&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost)

Optional - Reporting Qualitative Research Methods

For additional information, the following is recommended:

“Reporting Qualitative Research Methods,” by McGregor, from *Understanding and Evaluating Research* (2018).

http://methods.sagepub.com.lopes.idm.oclc.org/book/understanding-and-evaluating-research/i2431.xml (http://methods.sagepub.com.lopes.idm.oclc.org/book/understanding-and-evaluating-research/i2431.xml)

Optional - Research, Writing, Editorial Reviewing, and Publishing as Social Justice Issues: The Effects of Stigma

For additional information, the following is recommended:

“Research, Writing, Editorial Reviewing, and Publishing as Social Justice Issues: The Effects of Stigma,” by Crandall and Holder, from *Journal of Applied Rehabilitation Counseling* (2020).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=cul&AN=147362898&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=cul&AN=147362898&site=ehost-live&scope=site&custid=s8333196&groupid=main&profile=ehost)

Optional - Six Reasons Why Research Is Cool

For additional information, the following is recommended:

“Six Reasons Why Research Is Cool: Quique Bassat at TEDxBarcelonaChange” (00:10) from TEDxTalks on YouTube (2014).

http://www.youtube.com/embed/1b3iteSyg1I (http://www.youtube.com/embed/1b3iteSyg1I)

Optional - Successful Publishing of Research: An Editor’s View

For additional information, the following is recommended:

“Successful Publishing of Research: An Editor’s View,” by DeLisi, from *Psychiatry Research* (2019).

https://www-sciencedirect-com.lopes.idm.oclc.org/science/article/pii/S0165178119302094?via%3Dihub (https://www-sciencedirect-com.lopes.idm.oclc.org/science/article/pii/S0165178119302094?via%3Dihub)

Optional - Writing Up

For additional information, the following is recommended:

“Writing Up,” by Byrne, from *Project Planner* (2022).

http://methods.sagepub.com.lopes.idm.oclc.org/project-planner/writing-up/i2392?fromsearch=true (http://methods.sagepub.com.lopes.idm.oclc.org/project-planner/writing-up/i2392?fromsearch=true)

Statistics Visual Learner - Media

Review any of the calculations in the "Statistics Visual Learner" covered in the course previously as needed.

http://lc.gcumedia.com/hlt362v/the-visual-learner/the-visual-learner-v2.1.html (http://lc.gcumedia.com/hlt362v/the-visual-learner/the-visual-learner-v2.1.html)

Assignments:

Benchmark – Literature Review* (Obj. 8.1 and 8.2)

As a counselor, you will be making decisions on how to provide evidence-based interventions for your client populations. In current times, telehealth services have become a resource relied upon for many treatment-going populations. For this assignment you will be conducting a brief literature review about the use of telehealth in counseling. You can focus on any aspect of telehealth in counseling (examples: the use of telehealth in treating depression, multicultural considerations, socioeconomic and/or technology barriers, use of telehealth with children/adults/older adults). In your literature review, you will use six different research articles on telehealth. You must use both qualitative and quantitative research articles beyond the textbook and required resources provided in class. Write a 1,000-1,250-word literature review that discusses your chosen healthcare topic. Your literature review will explain how research insights help to inform professional counseling practice for telehealth situations.
Include the following in your literature review:

- A review of the major qualitative and quantitative findings across current literature in the field of counseling will be the basis of this literature review.
- Next, include an explanation of the methods used to collect and analyze the reported findings in the studies you are reviewing. This must involve a discussion of the strengths and limitations in the published studies.
- The final section will involve your objective analysis for the strength of the reviewed literature. The analysis should explain how these findings help to inform the ongoing development of the counseling profession.
- Include a minimum of six peer-reviewed resources in addition to the course textbook and other materials already included as required reading for the course.

Prepare this assignment according to the guidelines found in the APA Style Guide, located in the Student Success Center.
This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.
You are required to submit this assignment to LopesWrite. A link to the LopesWrite technical support articles is located in Class Resources if you need assistance.
*This assignment is recommended as a representative artifact in your e-Portfolio.
This performance assessment assesses the Key Performance Indicator (KPI) for Research & Program Evaluation.
GCU Benchmark Information
This benchmark assignment assesses the following programmatic competencies and professional standards:
MS Clinical Mental Health Counseling
4.2: Utilize research to guide decision-making processes. [CACREP 2.F.8.a, 2.F.8.b, 2.F.8.c, 2.F.8.e, 2.F.8.f, 2.F.8.g, 2.F.8.h, 2.F.8.i, 2.F.8.j] (MC2)
MEd School Counseling
8.2: Utilize research to guide decision-making processes. [CACREP 2.F.8.a, 2.F.8.b, 2.F.8.c, 2.F.8.e, 2.F.8.f, 2.F.8.g, 2.F.8.h, 2.F.8.i, 2.F.8.j] (MC2)
This assignment is informed by the following CACREP Standards:
2.F.8.f. Qualitative, quantitative, and mixed research methods.

Refer to the "Student Guide Individual Student Assessment-KPIs" presentation and video in Class Resources.

Discussion Questions:

Topic 8 DQ 1 (Obj. 8.1)

Describe and discuss the differences between qualitative and quantitative research reports. What is the purpose of qualitative research as this relates to how you will approach report writing for your study? Include at least two peer-reviewed resources to justify your response. Cite any references accordingly using in-text citations and a reference list.

This discussion question is informed by the following CACREP Standard:

2.F.8.f. Qualitative, quantitative, and mixed research methods.

Topic 8 DQ 2 (Obj. 8.1)

Telehealth is increasingly being used by counselors. Counselors report they struggle with providing quality counseling to children through telehealth. Read “A Randomized Controlled Trial of Functional Communication Training via

Telehealth for Young Children With Autism Spectrum Disorder" located in the Topic 8 Resources and answer the following questions:

- What methodology was used in the study? Was it an experimental design? If not, what design was used?
- Was it a qualitative or quantitative design?
- What ideas does the research suggest for improving telehealth services to children? Which of these ideas would you plan to implement if you were providing telehealth services?

Include at least one peer-reviewed resource to support your response. Cite any references accordingly using in-text citations and a reference list.

This discussion question is informed by the following CACREP Standard: 2.F.8.f. Qualitative, quantitative, and mixed research methods

Participation:

Topic 8 Participation : 20.0 points

Gradebook

Assignment	**Topic Due**	**Non Trad Points**
Research in Counseling* (Obj. 1.1 and 1.4)	Topic 1	90
Topic 2 Short Answer Questions (Obj. 2.1, 2.2, 2.3, and 2.4)	Topic 2	80
Multivariate Approaches (Obj. 3.1, 3.3, 3.4, 3.5, and 3.6)	Topic 3	100
Key Findings Infographic* (Obj. 4.2, 4.3 and 4.4)	Topic 4	100
Online Survey Presentation (Obj. 5.1, 5.2, and 5.5)	Topic 5	90
Community Mental Health Research Report (Obj. 6.1)	Topic 6	90
Literature Review Reference List (Obj. 7.3)	Topic 7	90
Benchmark – Literature Review* (Obj. 8.1 and 8.2)	Topic 8	100
CNL-540 Topic 8 Quiz	Topic 8	20
Discussion Questions	Topics 1-8	80
Participation	Topics 1-8	160

Assignment	Topic Due	Non Trad Points
Total		1000

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