CNL-527 | Principles of Psychopharmacology Syllabus

COURSE DESCRIPTION

This course introduces students to the basic principles of psychopharmacology and the effects of psychoactive substances. Students examine the behavioral, psychological, physiological and social effects of psychoactive substance use, and learn to recognize symptoms of intoxication, withdrawal, and toxicity. The class covers various screening options, limitations, legal implications, and the utilization of pharmacotherapy as part of substance addiction treatment.

CREDITS

3

PREREQUISITES

None

CO-REQUISITES

None

REQUIRED COURSE MATERIALS

Textbooks

Electronic Resources

Additional Course Information and Requirements

The information below is applicable to all students enrolled in any counseling program at Grand Canyon University.

Required Program Material: DSM

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/)

CACREP Standards Mapping of Learning Outcomes

The course objectives are informed by the identified 2016 CACREP standards. Where applicable, objectives clearly identify the standards addressed. Review the "CNL-527 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. Attached are the portfolio requirements. 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)

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.

Drugs, Behavior, and Modern Society

Levinthal, C. (2023). *Drugs, behavior, and modern society* (9th ed.). ISBN-13:9780135385340

GCU Counselor Dispositions

Students in the Clinical Mental Health Counseling program should refer to the GCU "Counselor Dispositions."

GCU General Research Lib Guide

Review the GCU General Research Lib Guide and read "Defining Scholarly Resources," located under the *Find Journal Articles* tab. You are required to support information provided in your assignments using scholarly resources.

http://libguides.gcu.edu/GeneralResearch (http://libguides.gcu.edu/GeneralResearch)

Student Performance Evaluation Criteria and Procedures

For specific information on the grading policies and procedures, please see the University Policy Handbook, located on the University and Academic Policies (https://www.gcu.edu/academics/academic-policies.php) section of GCU.edu under Helpful Academic Links on the right side of the page.

INSTRUCTOR ONLY MATERIALS

APA Formatting Tutorial

Review the APA Formatting Tutorial for formatting assistance.

CNL-527 Course Guide

CNL-527 Course Revision History

CNL-527 Discussion Questions

Lopes Write

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

TOPICS, OBJECTIVES, AND COURSE CONTENT

Topic 1: Substance Use Disorders, History, Regulations, and Social Problems

Objectives:

1.1: Discuss the importance of the history of psychoactive substances to current knowledge and practice of addiction counseling

1.2: Discuss and give examples of social problems that can be linked to substance use.

1.3: Explain various regulations regarding substance use.

Topic Materials

Textbooks

Electronic Resources

Drugs, Behavior, and Modern Society

Read Chapters 1 and 2 in *Drugs, Behavior, and Modern Society.*

Historical Timeline: Regulated Substances

Explore the “Historical Timeline: Regulated Substances” media piece in preparation for the Historical Timeline Paper.

https://lc.gcumedia.com/mediaElements/gcu-sequence-application/v3.1/#/showcase/sequence/72/view (https://lc.gcumedia.com/mediaElements/gcu-sequence-application/v3.1/#/showcase/sequence/72/view)

How Crack Found a Niche in the American Ghetto: The Historical Epidemiology of Drug-Related Harm

Read "How Crack Found a Niche in the American Ghetto: The Historical Epidemiology of Drug-Related Harm," by Acker, from *BioSocieties* (2010).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=51396048&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=51396048&site=ehost-live&scope=site)

Inheriting Your Mother’s Eyes, Hair, and Drug Addiction: Protecting the Drug-Exposed Newborn by Criminalizing Pregnant Drug Use

Read "Inheriting Your Mother’s Eyes, Hair, and Drug Addiction: Protecting the Drug-Exposed Newborn by Criminalizing Pregnant Drug Use" by Gaspari, from *Family Court Review* (2016).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=112378320&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=112378320&site=ehost-live&scope=site)

Introduction to Behavioral Addictions

Read "Introduction to Behavior Addictions," by Grant, Potenza, Weinstein, and Gorelick, from the *American Journal of Drug & Alcohol Abuse* (2010).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=53420219&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=53420219&site=ehost-live&scope=site)

National Association of Drug Court Professionals

Explore the “National Association of Drug Court Professionals” website for information about treatment courts and drug courts.

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

Prescription Drug Misuse and Addiction, Part I: An Overview of the Problem

Read "Prescription Drug Misuse and Addiction, Part I: An Overview of the Problem" by Daley, from *Counselor: The Magazine for Addiction Professionals* (2018).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=127700800&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=127700800&site=ehost-live&scope=site)

Substance Use, Homelessness, Mental Illness and Medicaid Coverage: A Set-Up for High Emergency Department Utilization

Read "Substance Use, Homelessness, Mental Illness and Medicaid Coverage: A Set-Up for High Emergency Department Utilization" by Moulin, Evans, Guibo Xing & Melnikow, from *Western Journal of Emergency Medicine: Integrating Emergency Care with Population Health* (2018).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=132846311&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=132846311&site=ehost-live&scope=site)

Teaching Note—No Peace Without Justice: Addressing the United States' War on Drugs in Social Work Education

Read "Teaching Note—No Peace Without Justice: Addressing the United States' War on Drugs in Social Work Education" by Bowen & Redmond, from *Journal of Social Work Education* (2016).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ofs&AN=118710737&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ofs&AN=118710737&site=ehost-live&scope=site)

Assignments:

Historical Timeline Paper (Obj. 1.1, 1.2, and 1.3)

Review the Historical Timeline: Regulated Substances media piece. Read the list of major historical events listed below and select one to examine for this assignment.

- The Pure Food and Drug Act
- The Harrison Act

- Prohibition
- End of Prohibition
- The Comprehensive Drug Abuse Prevention and Control Act
- The implementation of substance use prevention programs (D.A.R.E., Just Say No, etc.)

Write a 750-1,050-word paper about the selected historical event. Include the following in your presentation:

- A description of the event
- The history of the law(s) related to the drug
- The impact of the drug on society to include how the legal status of the drug has impacted society
- A description of how an understanding of the history and legality of the drug from the event has impacted the counseling profession
- A minimum of two scholarly references

Prepare this assignment according to the guidelines found in the APA Style Guide, located in the Student Success Center. An abstract is not required.

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 Course Resources if you need assistance.

Discussion Questions:

Topic 1 DQ 1 (Obj. 1.2)

There have been many legislative attempts at controlling the use of illicit drugs (whether prescription-type or otherwise). Why, or why not, have these attempts been effective? In your response, consider the root causes of illicit drug use.

Topic 1 DQ 2 (Obj. 1.3)

Identify a national societal drug or alcohol issue. What are some of the social problems you have observed due to substance use related issues? How does this issue impact society and what problems are manifesting as a result? What programs or resources are available?

Participation:

Topic 1 Participation : 20.0 points

Topic 2: Physiology and Pharmacology of Psychoactive Drugs

Objectives:

2.1: Discuss the effects of addiction on the components of the central nervous system and other organ systems in the human body. [CACREP 5.C.2.g]

2.2: Examine the different neurotransmitters in the brain.

2.3: Describe the process of neurotransmission.[CACREP 5.C.2.g]

Topic Materials

Textbooks

Electronic Resources

Brain Basics: Know Your Brain

Read "Brain Basics: Know Your Brain," in particular the "Making Connections" section, on the National Institute on Neurological Disorders and Stroke website.

https://www.ninds.nih.gov/Disorders/Patient-Caregiver-Education/Know-Your-Brain (https://www.ninds.nih.gov/Disorders/Patient-Caregiver-Education/Know-Your-Brain)

Drugs, Behavior, and Modern Society

Read Chapter 3 in *Drugs, Behavior, and Modern Society.*

Effects of Psychotropic Drugs on Brain Plasticity in Humans

Read “Effects of Psychotropic Drugs on Brain Plasticity in Humans” by Paulzen, Veselinovic, & Grunder, from *Restorative Neurology and Neuroscience* (2014).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=93871236&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=93871236&site=ehost-live&scope=site)

Neurochemistry of Drug Action

Read "Neurochemistry of Drug Action," by Licata and Renshaw, from the *Annals of the New York Academy of Sciences* (2010).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=48159624&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=48159624&site=ehost-live&scope=site)

Neurotransmitters and Other Brain Chemicals

Read “Neurotransmitters and Other Brain Chemicals” by Cohen, from *Handy Answer Book Series: The Handy Psychology Answer Book* (2016).

https://lopes.idm.oclc.org/login?url=https://search.credoreference.com/content/entry/viphapsyc/neurotransmitters_and_other_brain_chemicals/0?institutionId=5865 (https://lopes.idm.oclc.org/login?url=https://search.credoreference.com/content/entry/viphapsyc/neurotransmitters_and_other_brain_chemicals/0?institutionId=5865)

Review: The Neuropathology of Drug Abuse

Read "Review: The Neuropathology of Drug Abuse," by Büttner, from *Neuropathology & Applied Neurobiology* (2011).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=57219944&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=57219944&site=ehost-live&scope=site)

Simultaneous Detection of Dopamine and Serotonin—A Comparative Experimental and Theoretical Study of Neurotransmitter Interactions

Read “Simultaneous Detection of Dopamine and Serotonin—A Comparative Experimental and Theoretical Study of Neurotransmitter Interactions” by Manciu, Manciu, Ciubuc, Sundin, Ochoa, Eastman, & Bennet, from *Biosensors* (2019).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=aci&AN=135683394&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=aci&AN=135683394&site=ehost-live&scope=site)

The National Institute on Drug Abuse

Explore the National Institute on Drug Abuse (NIDA) website.

http://www.nida.nih.gov/ (http://www.nida.nih.gov/)

The Neurobiology of Ecstasy

Read "The Neurobiology of Ecstasy," on the National Institute on Drug Abuse website.

https://www.drugabuse.gov/publications/teaching-addiction-science/neurobiology-ecstasy-mdma (https://www.drugabuse.gov/publications/teaching-addiction-science/neurobiology-ecstasy-mdma)

This is Your Brain on Drugs Public Service Announcement

View the "This is Your Brain on Drugs" public service announcement.

http://www.youtube.com/watch?v=nl5gBJGnaXs (http://www.youtube.com/watch?v=nl5gBJGnaXs)

Assignments:

Neurotransmission Presentation (Obj. 2.1 and 2.3)

Create a 7-12-slide PowerPoint Presentation about the way drugs affect the brain. Include the following in your presentation:

- Title and reference slide
- A description of the effects of addiction on the components of the central nervous system and other organs
- A description of the process of neurotransmission
- Detailed speaker notes that include what would be said if giving the presentation in person
- At least two scholarly sources

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.

While APA style is not required for the body of this assignment, solid academic writing is expected, and documentation of sources should be presented using APA formatting guidelines, which can be 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 Course Resources if you need assistance.

This assignment is informed by the following CACREP Standard: 5.C.2.g. Impact of biological and neurological mechanisms on mental health.

Discussion Questions:

Topic 2 DQ 2 (Obj. 2.2)

Describe the so-called "brain reward pathway" and explain its importance to understanding the effects of drug-seeking behavior. Provide an example to support your description.

Topic 2 DQ 1 (Obj. 2.2 and 2.3)

What is meant by the neurochemistry of a drug? Identify one neurotransmitter and describe its physiological function in the human brain. Provide an example to support your description.

This discussion question is informed by the following CACREP Standard: 5.C.2.g. Impact of biological and neurological mechanisms on mental health.

Participation:

Topic 2 Participation : 20.0 points

Topic 3: Stimulants: Cocaine, Amphetamines, Caffeine, and Nicotine

Objectives:

3.1: Explain the dynamics of cocaine and its myriad effects on the individual and society.

3.2: Discuss the adverse effects of caffeine intoxication and its relationship to caffeine-related disorders.

3.3:

Analyze the effects of nicotine addiction.

Topic Materials

Textbooks

Electronic Resources

Addicted to Nicotine

Read "Addicted to Nicotine," on the National Institute on Drug Abuse website.

http://web.archive.org/web/20010508035251/http://www.drugabuse.gov/Meetsum/Nicotine/Nicotineagenda.html (http://web.archive.org/web/20010508035251/http://www.drugabuse.gov/Meetsum/Nicotine/Nicotineagenda.html)

Amphetamine Sensitization Alters Reward Processing in the Human Striatum and Amygdala

Read “Amphetamine Sensitization Alters Reward Processing in the Human Striatum and Amygdala” by O’Daly et al., from *Plos ONE* (2014).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=95818570&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=95818570&site=ehost-live&scope=site)

Caffeine’s Effects on the Body

Read “Caffeine’s Effects on the Body” by Hoey, from *Salem Press Encyclopedia of Health* (2019).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ers&AN=94415346&site=eds-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ers&AN=94415346&site=eds-live&scope=site)

Drugs, Behavior, and Modern Society

Read Chapters 5, 10, and 11 in *Drugs, Behavior, and Modern Society.*

Many College Students Who Misuse Rx Stimulants Have an SUD

Read “Many College Students Who Misuse Rx Stimulants Have an SUD” by Knopf, from *Alcoholism & Drug Abuse Weekly* (2016).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ulh&AN=117718954&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ulh&AN=117718954&site=ehost-live&scope=site)

Role of Serotonin 5-HT and 5-HT Receptors on Brain Stimulation Reward and the Reward-Facilitating Effect of Cocaine

Read "Role of Serotonin 5-HT and 5-HT Receptors on Brain Stimulation Reward and the Reward-Facilitating Effect of Cocaine" by Katsidoni, Apazoglou, & Panagis, from *Psychopharmacology* (2011).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=s3h&AN=57721822&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=s3h&AN=57721822&site=ehost-live&scope=site)

Assignments:

Nicotine Education (Obj. 3.3)

For this assignment, you will create a public service announcement (PSA) against the use of nicotine. Select one of the options below for your PSA.

Option 1: Video Message

Create a 3-5-minute public service video message against the use of nicotine. Include the following in the PSA:

- A description of the adverse effects of nicotine on the body.
- At least one available resource for persons wanting to quit smoking.

Option 2: Script

Create a 3-5-minute script that outlines a therapy session between a therapist and one of the following options:

- Directly with an adult client.
- Directly with a teenage client and their parent.

Imagine that the client has begun smoking or vaping and is in need of education regarding nicotine and the impact of nicotine on the brain and body. Be sure that your script outlines the two-way dialogue of a therapy session that indicates a dynamic conversation between the therapist and client.

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

You do not need to submit this assignment to LopesWrite.

Discussion Questions:

Topic 3 DQ 2 (Obj. 3.1)

Provide a description of the difference between crack cocaine and powder cocaine? Do you think they should be treated differently regarding the law?

Topic 3 DQ 1 (Obj. 3.2)

Caffeine is currently a legal stimulant. Do you feel that there should be regulation and legislative actions concerning caffeine use?

Participation:

Topic 3 Participation : 20.0 points

Topic 4: Central Nervous System Depressants and Opiates

Objectives:

4.1: Discuss the signs and symptoms of other central nervous system (CNS) depressants besides alcohol.

4.2: Distinguish the subtleties between medication versus substance use. [CACREP 5.C.2.h]

4.3: Identify the psychosocial indicators of CNS depressant use.

4.4: Distinguish between prescription use, abuse, and addiction of opiates. [CACREP 5.C.2.e, 5.C.2.h]

Topic Materials

Textbooks

Electronic Resources

Antianxiety Medications

Watch "Antianxiety Medications" by Classroom Productions, Inc (Producer), from *Antianxiety Agents: Psychotropic Medications* (2014).

https://lopes.idm.oclc.org/login?url=http://digital.films.com/PortalPlaylists.aspx?wID=96349&xtid=120747&loid=439211 (https://lopes.idm.oclc.org/login?url=http://digital.films.com/PortalPlaylists.aspx?wID=96349&xtid=120747&loid=439211)

Blood-Brain Barrier Transporters and Response to CNS-Active Drugs

Read "Blood-Brain Barrier Transporters and Response to CNS-Active Drugs," by Urquhard and Kim, from the *European Journal of Clinical Pharmacology* (2009).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=2010453939&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=2010453939&site=ehost-live&scope=site)

Buprenorphine: When to Stop Treatment

Read “Buprenorphine: When to Stop Treatment” by Vendeland & Rager, from *Addiction Professional* (2016).

http://www.addictionpro.com/article/buprenorphine-when-stop-treatment (http://www.addictionpro.com/article/buprenorphine-when-stop-treatment)

Drug Facts: Heroin

Read "Drug Facts: Heroin," on the National Institute on Drug Abuse website.

http://www.drugabuse.gov/publications/drugfacts/heroin (http://www.drugabuse.gov/publications/drugfacts/heroin)

Drugs, Behavior, and Modern Society

Read Chapters 4 and 13 in *Drugs, Behavior, and Modern Society.*

Prescription Drugs

Watch "Prescription Drugs" by PBS (Producer) in *Understanding the Opioid Epidemic* (2018).

https://lopes.idm.oclc.org/login?url=http://digital.films.com/PortalPlaylists.aspx?wID=96349&xtid=166867&loid=531249 (https://lopes.idm.oclc.org/login?url=http://digital.films.com/PortalPlaylists.aspx?wID=96349&xtid=166867&loid=531249)

TIP 20: Matching Treatment to Patient Needs in Opioid Substitution Therapy

Review the Treatment Improvement Protocol (TIP) 20 "Matching Treatment to Patient Needs in Opioid Substitution Therapy," on the National Center for Biotechnology Information website.

http://www.ncbi.nlm.nih.gov/books/NBK64497/
(http://www.ncbi.nlm.nih.gov/books/NBK64497/)

TIP 22: LAAM in the Treatment of Opiate Addiction

Review the Treatment Improvement Protocol (TIP) 22, "LAAM in the Treatment of Opiate Addiction," on the National Center for Biotechnology Information website.

http://www.ncbi.nlm.nih.gov/books/NBK64463/
(http://www.ncbi.nlm.nih.gov/books/NBK64463/)

TIP 40: Clinical Guidelines for the Use of Buprenorphine in the Treatment of Opioid Addiction

Review the Treatment Improvement Protocol (TIP) 40, "Clinical Guidelines for the Use of Buprenorphine in the Treatment of Opioid Addiction," on the National Center for Biotechnology Information website

http://www.ncbi.nlm.nih.gov/books/NBK64245/
(http://www.ncbi.nlm.nih.gov/books/NBK64245/)

Assignments:

Research Paper: Reference List (Course Obj.)

In this course, you are required to complete a research paper about one of the topics of your choice discussed in the course.

Review the topics in the course and choose a topic to focus your research paper on. Some suggestions include:

- Pharmacological treatment for substance use disorders
- Opiate replacement treatment approaches
- Detoxification from alcohol and opiates

For this week, select a topic and compile a list of scholarly references that you will use to support the content of your "Research Paper" assignment due in Topic 7. Create a title page and a list with a minimum of six scholarly sources from the last five years. Include the permalink for each reference pulled from the GCU library.

Prepare this assignment according to the guidelines found in the APA Style Guide, located in the Student Success Center. An abstract is not required.

This assignment uses a scoring guide. Please review the scoring guide 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 Course Resources if you need assistance.

This assignment is informed by the following CACREP Standards:

5.C.2.e. Potential for substance use disorders to mimic and/or co-occur with a variety of neurological, medical, and psychological disorders.

5.C.2.g. Impact of biological and neurological mechanisms on mental health.

5.C.2.h. Classifications, indications, and contraindications of commonly prescribed psychopharmacological medications for appropriate medical referral and consultation.

Discussion Questions:

Topic 4 DQ 2 (Obj. 4.2 and 4.4)

Opiates that are prescribed are often abused. Describe the difference between using a medication verses abusing the medication.

This discussion question is informed by the following CACREP Standard:

5.C.2.e. Potential for substance use disorders to mimic and/or co-occur with a variety of neurological, medical, and psychological disorders.

Topic 4 DQ 1 (Obj. 4.1 and 4.3)

What are physiological effects of benzodiazepine use? How can these lead to addiction?

Participation:

Topic 4 Participation : 20.0 points

Topic 5: Alcohol-Related Disorders

Objectives:

5.1:

Discuss adverse effects of alcohol use and several of its most debilitating and devastating consequences.

5.2: Identify several of the signs and symptoms of alcoholism including denial, tolerance, craving, withdrawal, and addiction.

Topic Materials

Textbooks

Electronic Resources

Alcohol Abuse and Substance Misuse in Later Life

Read “Alcohol Abuse and Substance Misuse in Later Life,” by Satre & Wolf, from *APA Handbook of Cinical Geropsychology* (2015).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com.lopes.idm.oclc.org/login.aspx?direct=true&db=psyh&AN=2014-19597-005&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com.lopes.idm.oclc.org/login.aspx?direct=true&db=psyh&AN=2014-19597-005&site=ehost-live&scope=site)

Binge Drinking and Family History of Alcoholism are Associated With an Altered Developmental Trajectory of Impulsive Choice Across Adolescence

Read "Binge Drinking and Family History of Alcoholism are Associated With an Altered Developmental Trajectory of Impulsive Choice Across Adolescence" by Jones, Steele, & Nagel, from *Addiction* (2017).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=123438973&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=123438973&site=ehost-live&scope=site)

Drugs, Behavior, and Modern Society

Read Chapters 8 and 9 in *Drugs, Behavior, and Modern Society.*

Effects of Binge Drinking on the Developing Brain

Read "Effects of Binge Drinking on the Developing Brain" by Ones, Lueras, & Nagel, from *Alcohol Research: Current Reviews* (2018).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ofs&AN=132655065&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ofs&AN=132655065&site=ehost-live&scope=site)

Factors Associated With Alcohol and its Consequences

Read "Factors Associated With Alcohol and its Consequences," by Alameida, Harrington, LaPlante, and Kang, from the *Journal of Addictions Nursing* (2010).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=2010914345&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=2010914345&site=ehost-live&scope=site)

Parental Alcohol - Impact on Children

Read “Parental Alcohol - Impact on Children" by Lakshmamma & Kalavati, from *International Journal of Nursing Education* (2018).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=131016938&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=131016938&site=ehost-live&scope=site)

Reports of Drinking to Self-Medicate Anxiety Symptoms: Longitudinal Assessment for Subgroups of Individuals With Alcohol Dependence

Read "Reports of Drinking to Self-Medicate Anxiety Symptoms: Longitudinal Assessment for Subgroups of Individuals With Alcohol Dependence," by Crum, La Flair, Storr, Green, Stuart, Alvanzo, & Mojtabai (2013).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com.lopes.idm.oclc.org/login.aspx?direct=true&db=psyh&AN=2013-02777-013&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com.lopes.idm.oclc.org/login.aspx?direct=true&db=psyh&AN=2013-02777-013&site=ehost-live&scope=site)

The Risks of Alcohol and Effective Preventive Practices: A Systematic Review

Read " The Risks of Alcohol and Effective Preventive Practices: A Systematic Review," by Stavrianopoulos, from the *Health Science Journal* (2011).

https://www.hsj.gr/medicine/the-risks-of-alcohol-and-effective-preventive-practices-a-systematic-review.php?aid=3384 (https://www.hsj.gr/medicine/the-risks-of-alcohol-and-effective-preventive-practices-a-systematic-review.php?aid=3384)

TIP 11: Simple Screening Instruments for Outreach for Alcohol and Other Drug Abuse and Infectious Diseases

Review the Treatment Improvement Protocol (TIP) 11,"Simple Screening Instruments for Outreach for Alcohol and Other Drug Abuse and Infectious Diseases," on the National Center for Biotechnology Information website.

http://www.ncbi.nlm.nih.gov/books/NBK64621/ (http://www.ncbi.nlm.nih.gov/books/NBK64621/)

TIP 15: Treatment for HIV-Infected Alcohol and Other Drug Abusers

Review the Treatment Improvement Protocol (TIP) 15, "Treatment for HIV-Infected Alcohol and Other Drug Abusers," on the National Center for Biotechnology Information website.

http://www.ncbi.nlm.nih.gov/books/NBK64595/ (http://www.ncbi.nlm.nih.gov/books/NBK64595/)

TIP 16: Alcohol and Other Drug Screening of Hospitalized Trauma Patients

Review the Treatment Improvement Protocol (TIP) 16, "Alcohol and Other Drug Screening of Hospitalized Trauma Patients," on the National Center for Biotechnology Information website.

http://www.ncbi.nlm.nih.gov/books/NBK64574/ (http://www.ncbi.nlm.nih.gov/books/NBK64574/)

TIP 25: Substance Abuse Treatment and Domestic Violence

Review the Treatment Improvement Protocol (TIP) 25, "Substance Abuse Treatment and Domestic Violence," on the National Center for Biotechnology Information website.

http://www.ncbi.nlm.nih.gov/books/NBK64437/ (http://www.ncbi.nlm.nih.gov/books/NBK64437/)

TIP 28: Naltrexone and Alcoholism Treatment

Review the Treatment Improvement Protocol (TIP) 28,"Naltrexone and Alcoholism Treatment," on the National Center for Biotechnology Information website.

http://www.ncbi.nlm.nih.gov/books/NBK64400/
(http://www.ncbi.nlm.nih.gov/books/NBK64400/)

TIP 8: Intensive Outpatient Treatment for Alcohol and Other Drug Abuse

Review the Treatment Improvement Protocol (TIP) 8,"Intensive Outpatient Treatment for Alcohol and Other Drug Abuse," on the National Center for Biotechnology Information website.

http://www.ncbi.nlm.nih.gov/books/NBK64678/
(http://www.ncbi.nlm.nih.gov/books/NBK64678/)

US State Alcohol Sales Compared to Survey Data, 1993-2006

Read "US State Alcohol Sales Compared to Survey Data, 1993-2006," by Nelson, Naimi, Brewer, and Roeber, from *Addiction* (2010).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=2010738544&site=ehost-live&scope=site
(https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=2010738544&site=ehost-live&scope=site)

Assignments:

Research Paper: Outline (Course Obj.)

Review the assignment details for the Research Paper due in Topic 7.

Create an outline for the final paper that follows standard outline formatting standards. Be sure to include the following in your outline to ensure the final paper addresses all required content:

- Brief history of the drug
- Psychopharmacology of the drug
- Current trends or issues
- Societal concerns or issues related to the topic
- Significance or relevance of topic to the counseling profession
- Any future implications

While APA style is not required for the body of this assignment, solid academic writing is expected, and documentation of sources should be presented using APA formatting guidelines, which can be found in the APA Style Guide, located in the Student Success Center.

You are not required to submit this assignment to LopesWrite.

This assignment is informed by the following CACREP Standards:

5.C.2.e. Potential for substance use disorders to mimic and/or co-occur with a variety of neurological, medical, and psychological disorders.

5.C.2.g. Impact of biological and neurological mechanisms on mental health.

5.C.2.h. Classifications, indications, and contraindications of commonly prescribed psychopharmacological medications for appropriate medical referral and consultation.

Discussion Questions:

Topic 5 DQ 2 (Obj. 5.2)

According to the latest version of the *DSM*, what are the signs and symptoms of alcohol use disorder?

Topic 5 DQ 1 (Obj. 5.1)

What are some of the chronic and acute physiological effects of alcohol use?

Participation:

Topic 5 Participation : 20.0 points

Topic 6: Psychedelics and Hallucinogens

Objectives:

6.1: Discuss the popularity, use, and dangers of hallucinogenic drugs.

6.2: Assess some of the typical behaviors associated with the use of club drugs.

6.3: Describe the physiological, psychological, and sociological effects of marijuana use. [CACREP 5.C.2.h]

Topic Materials

Textbooks

Electronic Resources

Bath Salt Ingestion Leading to Severe Intoxication Delirium: Two Cases and a Brief Review of the Emergence of Mephedrone Use

Read "'Bath Salt' Ingestion Leading to Severe Intoxication Delirium: Two Cases and a Brief Review of the Emergence of Mephedrone Use," by Kasick, McKnight, & Klisovic, from *The American Journal of Drug and Alcohol Abuse* (2012).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com.lopes.idm.oclc.org/login.aspx?direct=true&db=psyh&AN=2012-04991-010&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com.lopes.idm.oclc.org/login.aspx?direct=true&db=psyh&AN=2012-04991-010&site=ehost-live&scope=site)

Benzydamine Abuse as a Hallucinogen: A Case Report

Read "Benzydamine Abuse as a Hallucinogen: A Case Report" by Balaban, Atagun, Yilmaz, Yazar, & Alpkan, from *Bulletin of Clinical Psychopharmacology* (2013).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com.lopes.idm.oclc.org/login.aspx?direct=true&db=psyh&AN=2013-42973-013&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com.lopes.idm.oclc.org/login.aspx?direct=true&db=psyh&AN=2013-42973-013&site=ehost-live&scope=site)

Drugs, Behavior, and Modern Society

Read Chapters 6 and 7 in *Drugs, Behavior, and Modern Society.*

Ecstasy Overdoses at a New Year's Eve Rave

Read "Ecstasy Overdoses at a New Year's Eve Rave," by the Centers for Disease Control and Prevention (CDC), from the *Morbidity & Mortality Weekly Report* (2010).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=2010681808&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=2010681808&site=ehost-live&scope=site)

Long-Term Consequences of Adolescent Cannabis Use: Examining Intermediary Processes

Read "Long-Term Consequences of Adolescent Cannabis Use: Examining Intermediary Processes" by Green, Doherty, & Ensminger, from *American Journal of Drug & Alcohol Abuse* (2017).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=124091130&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=124091130&site=ehost-live&scope=site)

MDMA (Ecstasy) Abuse

Read "MDMA (Ecstasy) Abuse," on the National Institute on Drug Abuse website.

http://www.drugabuse.gov/ResearchReports/MDMA/ (http://www.drugabuse.gov/ResearchReports/MDMA/)

Psychedelics and Holistic Thinking: A Tool for Science

Read "Psychedelics and Holistic Thinking: A Tool for Science," by Adams, from *Drugs and Alcohol Today* (2010).

https://lopes.idm.oclc.org/login?url=http://search.proquest.com.lopes.idm.oclc.org/docview/213617666?accountid=7374 (https://lopes.idm.oclc.org/login?url=http://search.proquest.com.lopes.idm.oclc.org/docview/213617666?accountid=7374)

Psychedelics and Mental Health: A Population Study

Read “Psychedelics and Mental Health: A Population Study” by Krebs & Johansen, from *Plos ONE* (2013).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=90070294&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=90070294&site=ehost-live&scope=site)

Psychoactive Plants and Drugs

Read "Psychoactive Plants and Drugs," on The Vaults of Erowid website.

http://www.erowid.org/psychoactives/ (http://www.erowid.org/psychoactives/)

Recreational Cannabinoid Use: The Hazards Behind the High

Read “Recreational Cannabinoid Use: The Hazards Behind the ‘High’” by Wright, from *Journal of Family Practice* (2016).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=119768156&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=119768156&site=ehost-live&scope=site)

Salvia Divinorum: From Mazatec Medicinal and Hallucinogenic Plant to Emerging Recreational Drug

Read “*Salvia Divinorum*: From Mazatec Medicinal and Hallucinogenic Plant to Emerging Recreational Drug,” by Zawilska & Wojcieszak, from *Human Psychopharmacology: Clinical and Experimental* (2013).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com.lopes.idm.oclc.org/login.aspx?direct=true&db=psyh&AN=2013-32273-002&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com.lopes.idm.oclc.org/login.aspx?direct=true&db=psyh&AN=2013-32273-002&site=ehost-live&scope=site)

User Perceptions of the Benefits and Harms of Hallucinogenic Drug Use: A Web-Based Questionnaire Study

Read "User Perceptions of the Benefits and Harms of Hallucinogenic Drug Use: A Web-Based Questionnaire Study," by Carhart-Harris and Nutt, from the *Journal of Substance Abuse* (2010).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=2010741145&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=ccm&AN=2010741145&site=ehost-live&scope=site)

Assignments:

Legalization of Marijuana Debate (Obj. 6.3)

Your instructor will assign you one of the following positions related to the legalization of recreational marijuana use:

- For Recreational Marijuana Legalization
- Against Recreational Marijuana Legalization

Part 1:

Research your assigned position as well as the alternatives so you can critically engage with your opponents' position.

In a 7-10-slide presentation, create a summary about your assigned position that describes its major tenets and arguments for them. Make sure to include the physiological, psychological, and sociological effects of marijuana use in your summary.

Include a minimum of three scholarly sources in the presentation.

Part 2:

By Day 4, post your presentation as your initial response to the thread titled "Recreational Marijuana Legalization Debate" for the topic you have been assigned.

By Day 5, respond to the two alternative positions with a 500-750-word rebuttal.

Days 6-7, continue the dialog with at least one of the alternative positions. Be sure to ask your opponents follow-up questions that challenge their views and answer your opponent's questions.

Prepare this assignment according to the guidelines found in the APA Style Guide, located in the Student Success Center. An abstract is not required.

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 Course Resources if you need assistance.

Discussion Questions:

Topic 6 DQ 1 (Obj. 6.3)

Describe the medical and spiritual uses of hallucinogens both currently and in the past.

Topic 6 DQ 2 (Obj. 6.1 and 6.2)

Consider the physiological effects of the so-called "designer" drugs. What are the dangers of these drugs?

Recreational Marijuana Legalization Debate: For Legalization

Use this thread to post your initial response if you have been assigned this topic by your instructor. (Initial post are due Day 4.)

Recreational Marijuana Legalization Debate: Against Legalization

Use this thread to post your initial response if you have been assigned this topic by your instructor. (Initial post are due Day 4.)

Participation:

Topic 6 Participation : 20.0 points

Topic 7: Performance-Enhancing Drugs, Dietary Supplements and Over-the-Counter Drugs

Objectives:

7.1: Discuss the dangers and toxicity of over-the-counter drug use, including the medical and social implications.

7.2: Discuss the dangers and toxicity of performance-enhancing drug use, including the medical and social implications.

7.3: Discuss the dangers and toxicity of dietary supplements use, including the medical and social implications.

Topic Materials

Textbooks

Electronic Resources

Balancing the Risks and Benefits of the Use of Over-the-Counter Pain Medications in Children

Read “Balancing the Risks and Benefits of the Use of Over-the-Counter Pain Medications in Children” by Bárzaga Arencibia, & Choonara, from *Drug Safety* (2012).

https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com.lopes.idm.oclc.org/login.aspx?direct=true&db=ccm&AN=2011745378&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=http://search.ebscohost.com.lopes.idm.oclc.org/login.aspx?direct=true&db=ccm&AN=2011745378&site=ehost-live&scope=site)

Dietary Supplements and Team-Sport Performance

Read "Dietary Supplements and Team-Sport Performance," by Bishop, from *Sports Medicine* (2010).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=psyh&AN=2010-23601-001&site=eds-live&scope=site&custid=s8333196&groupid=main&profile=eds1 (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=psyh&AN=2010-23601-001&site=eds-live&scope=site&custid=s8333196&groupid=main&profile=eds1)

Dietary Supplements: Dubious Value, Hidden Dangers: Most Lack Evidence of Any Health Benefit-and Some Contain Stimulants That Could Affect Your Heart

Read “Dietary Supplements: Dubious Value, Hidden Dangers: Most Lack Evidence of Any Health Benefit-and Some Contain Stimulants That Could Affect Your Heart,” from *Harvard Heart Letter* (2018).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=134229923&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=134229923&site=ehost-live&scope=site)

Drugs, Behavior, and Modern Society

Read Chapters 12 and 14 in *Drugs, Behavior, and Modern Society.*

Examining Sequences of Adolescent Substance Use Initiation Involving Over-the-Counter (OTC) Drug Abuse

Read “Examining Sequences of Adolescent Substance Use Initiation Involving Over-the-Counter (OTC) Drug Abuse" by Agley, Gassman, YoussefAgha, Jun, Torabi & Jayawardene, from *Journal of Child & Adolescent Substance Abuse* (2015).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ehh&AN=102810085&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ehh&AN=102810085&site=ehost-live&scope=site)

Overview of Pharmacokinetics

Read “Overview of Pharmacokinetics,” by Le, from *Merck Manual Consumer Version* (2014).

http://www.merckmanuals.com/professional/clinical-pharmacology/pharmacokinetics/overview-of-pharmacokinetics (http://www.merckmanuals.com/professional/clinical-pharmacology/pharmacokinetics/overview-of-pharmacokinetics)

Potential Dangers With Overuse of Antioxidant Enzymes as Nutritional Supplements: How Much Have We Revealed?

Read “Potential Dangers With Overuse of Antioxidant Enzymes as Nutritional Supplements: How Much Have We Revealed?” by Delimaris, from *e-Journal of Science and Technology* (2012).

http://e-jst.teiath.gr/issues/issue_27/Delimaris_27.pdf (http://e-jst.teiath.gr/issues/issue_27/Delimaris_27.pdf)

Assignments:

Research Paper: Final (Course Obj.)

At this point in the course, you should have an approved topic, a reference list, and an outline for your Final Research Paper. During this week, you will create the final paper. Your research paper should be 1,500-2,000 words and reflect critical thinking and analysis. Refer to the Academic Writing Guidelines Resource located in the Course Resources section for assistance with this.

You must have a minimum of six references to support your research. The references should be taken from the reference list completed earlier in the course.

Your research paper should include information about the following:

- Brief history of the drug
- Psychopharmacology of the drug
- Current trends or issues
- Societal concerns or issues related to the drug
- Significance or relevance of topic to the counseling profession
- Any future implications including referral and consultation

Prepare this assignment according to the guidelines found in the APA Style Guide, located in the Student Success Center. An abstract is not required.

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 Course Resources if you need assistance.

This assignment is informed by the following CACREP Standards:

5.C.2.e. Potential for substance use disorders to mimic and/or co-occur with a variety of neurological, medical, and psychological disorders.

5.C.2.g. Impact of biological and neurological mechanisms on mental health.

5.C.2.h. Classifications, indications, and contraindications of commonly prescribed psychopharmacological medications for appropriate medical referral and consultation.

Discussion Questions:

Topic 7 DQ 1 (Obj. 7.1 and 7.3)

Describe the potential risks of the following:

- Over-the-counter drugs
- Dietary supplements

Topic 7 DQ 2 (Obj. 7.2)

What are some of the reasons why people use performance-enhancing drugs? Do you think that people can become dependent on performance-enhancing drugs?

Participation:

Topic 7 Participation : 20.0 points

Topic 8: Mental Health and Medications

Objectives:

8.1: Discuss the general principles of pharmacological treatment of psychiatric and substance use disorders. [CACREP 5.C.2.e, 5.C.2.g]

8.2: Identify the basic classifications, indications, and contraindications of commonly prescribed psychopharmacological medications so that appropriate referrals can be made for medication evaluations, and identify possible effects and side effects of such medications. [CACREP 5.C.2.h]

8.3:

8.3: Identify the common medications used for different psychological disorders. [CACREP 5.C.2.h]

8.4: Analyze the role of medications in the treatment of psychological and substance use disorders.

Topic Materials

Textbooks

Electronic Resources

Clinical Trials

Explore the Clinical Trials website.

http://www.clinicaltrials.gov/ct/ (http://www.clinicaltrials.gov/ct/)

Drugs, Behavior, and Modern Society

Read Chapters 15 and 17 in *Drugs, Behavior, and Modern Society.*

Introduction to Psychopharmacology

Watch “Introduction to Psychopharmacology” by PESI, Inc. from *Psychopharmacology: What You Need to Know About Psychiatric Medications — a Lecture* (2016).

https://lopes.idm.oclc.org/login?url=http://digital.films.com/PortalPlaylists.aspx?wID=96349&xtid=139881&loid=471977 (https://lopes.idm.oclc.org/login?url=http://digital.films.com/PortalPlaylists.aspx?wID=96349&xtid=139881&loid=471977)

MedWatch: The FDA Safety Information and Adverse Event Reporting Program

Review "MedWatch: The FDA Safety Information and Adverse Event Reporting Program," on the U.S. Food and Drug Administration website.

http://www.fda.gov/medwatch (http://www.fda.gov/medwatch)

Mental Health Medications

Review "Mental Health Medications," on the About.com website.

http://mentalhealth.about.com/od/psychopharmacology/ (http://mentalhealth.about.com/od/psychopharmacology/)

The Use of Herbal Medications and Dietary Supplements by People With Mental Illness

Read "The Use of Herbal Medications and Dietary Supplements by People With Mental Illness," by Niv et al., from the *Community Mental Health Journal* (2010).

https://lopes.idm.oclc.org/login?url=https://www-proquest-com.lopes.idm.oclc.org/docview/807435674?accountid=7374 (https://lopes.idm.oclc.org/login?url=https://www-proquest-com.lopes.idm.oclc.org/docview/807435674?accountid=7374)

Top Research That May Change How You Treat Patients With Substance Use Disorders

Read “Top Research That May Change How You Treat Patients With Substance Use Disorders” by Saeed, Anand, & Stanciu, from *Psychiatric Times* (2015).

https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ofs&AN=108987361&site=ehost-live&scope=site (https://lopes.idm.oclc.org/login?url=https://search.ebscohost.com/login.aspx?direct=true&db=ofs&AN=108987361&site=ehost-live&scope=site)

Assignments:

Short Answer Questions (Topic 8 Obj.)

Complete the Topic 8 Short Answer Worksheet.

While APA style is not required for the body of this assignment, solid academic writing is expected, and documentation of sources should be presented using APA formatting guidelines, which can be found in the APA Style Guide, located in the Student Success Center.

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

This assignment is informed by the following CACREP Standards:

5.C.2.e. Potential for substance use disorders to mimic and/or co-occur with a variety of neurological, medical, and psychological disorders.

5.C.2.g. Impact of biological and neurological mechanisms on mental health.

5.C.2.h. Classifications, indications, and contraindications of commonly prescribed psychopharmacological medications for appropriate medical referral and consultation.

Discussion Questions:

Topic 8 DQ 2 (Obj. 8.3 and 8.4)

What are ethical considerations and procedures a counselor would need to follow to address the psychopharmacological treatment needs of a client suffering from anxiety and addiction? Discuss common psychopharmacological treatment options for individuals suffering from anxiety.

Topic 8 DQ 1 (Obj. 8.1)

How would you explain the challenges regarding which disorder came first, the mental illness or the addiction? Provide an example to support your explanation.

This discussion question is informed by the following CACREP Standards:

5.C.2.e. Potential for substance use disorders to mimic and/or co-occur with a variety of neurological, medical, and psychological disorders.

5.C.2.g. Impact of biological and neurological mechanisms on mental health.

Participation:

Topic 8 Participation : 20.0 points

Gradebook

Assignment	Topic Due	Non Trad Points
Historical Timeline Paper (Obj. 1.1, 1.2, and 1.3)	Topic 1	100
Neurotransmission Presentation (Obj. 2.1 and 2.3)	Topic 2	100
Nicotine Education (Obj. 3.3)	Topic 3	120
Research Paper: Reference List (Course Obj.)	Topic 4	100
Research Paper: Outline (Course Obj.)	Topic 5	50
Legalization of Marijuana Debate (Obj. 6.3)	Topic 6	120
Research Paper: Final (Course Obj.)	Topic 7	100
Short Answer Questions (Topic 8 Obj.)	Topic 8	70
Discussion Questions	Topics 1-8	80

Assignment	Topic Due	Non Trad Points
Participation	Topics 1-8	160
Total		1000

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