



UNIVERSITY OF SOUTHERN NEVADA

Continuing Professional Education Program Advanced Strategies for Chronic Pain Management

Program Registration Form Program Registration Fee: \$65.00

Name: _____ Email: _____

Address: _____ City: _____

State: _____ Zip code: _____ Phone: _____ Fax: _____

Program Location:

March 21, 2009
7:30a.m. – 12:30 p.m.
Nevada State Library and Archives
100 N. Stewart St.
Carson City, NV 89701

Program Schedule:

7:30 - 8:00	Check-in
8:00 – 9:30	Pain Neurobiology and Basic Pharmacology
9:30 – 11:30	Adjusting and Managing Pain Medication in Patients with Chronic Pain
11:30 – 12:30	Complying with Controlled Substances Laws While Maintaining Compassion for Patients
12:30 – 1:30	Gourmet lunch

Registration Information

1. **Register Online** at <https://www.regonline.com/usnpain> to pay by credit card.
2. **To register by mail**, complete this form and mail it with a check made payable to
“University of Southern Nevada College of Pharmacy” for the applicable amount to:
Continuing Professional Education Program
University of Southern Nevada College of Pharmacy

11 Sunset Way
Henderson, NV 89014



The University of Southern Nevada College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a Provider of continuing pharmacy education. This program provides 4.5 hours (0.45 CEU) of application-based continuing education credit after successful completion of a post-test. ACPE program numbers: 455-000-09-001-L01P (Pain Neurobiology) 455-000-09-002-L01P (Adjusting and managing pain) 455-000-09-003-L03P (Complying with Controlled Substances). Statements of credit will be mailed within 30 days of program completion.

Target audience: pharmacists interested in improving patient care for patients experiencing chronic pain & pharmacists who wish to maintain compliance with controlled substance laws.

This program is not open to pharmacy technicians.

Participants may not register the day of the program. Registration for this program will close Monday, March 16, 2009. *A receipt will be sent via email upon receipt of payment and your registration form or following electronic registration.*

A medical educational grant application has been submitted to defray the costs associated with this program.

For questions or directions, call LaToya Conners at 702-968-2086 or email lconners@usn.edu

Faculty

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University of Utah College of Pharmacy

Justin Kullgren Pharm.D.
Assistant Professor of Pharmacy
USN College of Pharmacy

Learning Objectives

Pain Neurobiology and Basic Pharmacology (0.15 CEU)

1. Recall the general epidemiology of pain in the United States.
2. Describe the general pain pathway.
3. Describe the terms transduction, transmission, modulation and perception of pain.
4. Describe the neuronal circuitry involved in these processes and identify the neuronal components involved.
5. Identify the common types of pain.
6. Differentiate between acute and chronic pain.
7. Differentiate between nociceptive pain, inflammatory pain and neuropathic pain.
8. Describe the basic pathophysiology of inflammatory pain, chronic wide-spread pain and neuropathic pain.
9. Explain the general strategies to reduce pain.
10. Explain the specific mechanisms of action of commonly used non-traditional analgesics.

Adjusting and Managing Pain Medication in Patients with Chronic Pain (0.2 CEU)

1. Evaluate a pain patient's treatment plan.
2. Compare and contrast the potency of various opioids.
3. List opioid side effects and describe methods to manage them.
4. Discuss pain management clinical pearls.
5. Analyze methadone's value in pain management

Navigating Scylla and Charybdis: Complying with Controlled Substances Laws while Maintaining Compassion for Patients (0.1 CEU)

1. Describe and implement the federal and applicable state law for dispensing controlled substances, particularly CII medications.
2. Find current applicable laws and regulations governing the dispensing of controlled substances.
3. Describe legal obligations for reporting health care professionals who are suspected of being impaired and the legal risk of such reporting.
4. Describe and comply with the DEA corresponding liability rule for dispensing controlled substances that are fraudulent or otherwise not legitimate.
5. Describe and avoid the most common legal problems arising from dispensing controlled substance.