

DESIGNED FOR: Pharmacy Faculty | PROGRAM AVAILABILITY: Online

Teaching Clinically Relevant Medicinal Chemistry Based on Solid Pedagogy and Instructional Methodology

The facilitator has developed and published several innovative methods in teaching clinically relevant medicinal chemistry. This CE course is intended for pharmacy faculty teaching medicinal chemistry but it also has relevant strategies for healthcare faculty teaching science courses. It is intended to help faculty build on their medicinal chemistry knowledge and incorporate different strategies and adapt them to introduce clinical relevance into the teaching of their medicinal chemistry courses or science courses in general. The course can be beneficial for pharmacology and therapeutics faculty as well as practicing pharmacists to help them revisit why drugs do what they do based on established structure activity relationships (SAR) and how the SAR impact pharmacological and therapeutic action.

COURSE OBJECTIVES

- Discuss strategies to meet educational outcomes and the patient care process in medicinal chemistry instruction
- Discuss strategies to introduce clinical relevance in medicinal chemistry instruction
- Apply clinically relevant strategies to teaching medicinal chemistry and other science courses
- Assess student learning in science courses including medicinal chemistry

PROGRAMS, ACTIVITIES AND EDUCATION CREDITS

Accreditation Statement

In support of improving patient care, Creighton University Health Sciences Continuing Education is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



JOINTLY ACCREDITED PROVIDER
INTERPROFESSIONAL CONTINUING EDUCATION

Continuing Education Credit

You need to view the entire program to receive credit. To receive credit, you will need to receive 75 percent on the quiz and case study at the end of each module. Upon successful completion of all modules, and completion of the evaluation, a certificate will be available for you to print. You will have three attempts to complete each quiz.

Course Modules

- Cardiovascular
 - Beta Adrenergic/Antagonists
 - Diuretics
 - ACEA
 - ARB's
- Central Nervous System
 - Antidepressants
 - Cholinesterase Inhibitors
 - NMDA Antagonists
- Antimicrobials
 - Penicillins
 - Cephalosporins
 - Fluroquinolones
 - Macrolides
 - Aminoglycosides

REGISTER ONLINE

spahp.creighton.edu/ce

REGISTRATION*

§145 Registration fee

§125 SPAHP Alumni Discounted fee

*Processing fees will apply.

REGISTRATION QUESTIONS

If you have registration questions, please call the SPAHP Office of Continuing Education at **402.280.2950**. Questions may also be sent to ce@creighton.edu

CANCELLATIONS AND REFUNDS

Registrations must be canceled in writing or via email. No refunds after 30 days from the date of registration. In all other cases, a refund of registration fees will be made less a §25 administrative fee.

PROGRAM FACULTY

Naser Z. Alsharif, PharmD, MS, PhD

Professor of Pharmacy Sciences

School of Pharmacy and Health Professions

NaserAlsharif@creighton.edu

School of Pharmacy and Health Professions

Office of Continuing Education

2500 California Plaza

Omaha, NE 68178

T 402.280.2950

Clinically Relevant Medicinal Chemistry

Creighton
UNIVERSITY

School of Pharmacy
and Health Professions

Category 1

Creighton University Health Sciences Continuing Education designates this enduring activity for a maximum of 16 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only credit commensurate with the extent of their participation in the activity.

AAPA accepts AMA category 1 credit for the PRA from organizations accredited by ACCME.

Nurse CE

Creighton University Health Sciences Continuing Education designates this activity for 16.0 contact hours for nurses. Nurses should claim only credit commensurate with the extent of their participation in the activity.

Nurses licensed in Iowa and California: This activity was planned and developed in accordance with the continuing education standards of the American Nurses Credentialing Center (ANCC). The Iowa Board of Nursing and the California Board of Nursing will honor ANCC continuing education credits for face-to-face programs held outside Iowa and California, or for ANCC-approved online recorded courses taken in a self- study format.

Pharmacy Credit

Creighton University Health Sciences Continuing Education (HSCE) is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education (CPE). This enduring material *Clinically Relevant Medicinal Chemistry* is accredited for 16.0 hour(s) for completion of all CE Modules. Term of approval is from this date on September 15, 2017 until September 15, 2020. The *Clinically Relevant Medicinal Chemistry* is a knowledge-based activity.

Continuing Education Planning Committee

Kimberley Hallcock, BA; Daniel E. Hilleman, PharmD, FCCP;
Mark A. Malesker, PharmD, FCCP, FASHP, BCPS; Sally O'Neill, PhD; Bette Poutre, MS

Privacy and Confidentiality Policy

We respect, and are committed to protecting, your privacy. We will not sell your personally identifiable information to anyone.

Financial Support

This program is not supported by any commercial or financial interest.

Disclosures

As a sponsor accredited by the ACCME, it is the policy of Creighton University Health Sciences Continuing Education to require the disclosure of anyone who is in a position to control the content of an educational activity. All relevant financial relationships with any commercial interests and/or manufacturers must be disclosed to participants at the beginning of each activity. Each faculty and planning committee member have indicated that they have no financial affiliations that is a conflict of interest.

TECHNICAL REQUIREMENTS

The following minimum requirements are to assist students, faculty and staff with computer and internet requirements and aid them when using any computer to access the University's academic technologies.

Hardware

- **Device:** Windows PC or Apple Mac computer
(NOTE: Visiting students are required to use a Windows PC with 8.1, 10 and Office 2013)
- **Operating System:** Windows 8.1, 10 and Office 2013; Mac OSX 10.7, 10.8, 10.9
- **Processor:** Intel i-Series (i3, i5, i7) or equivalent (Windows/Mac)
- **Memory:** Minimum 4 GB RAM
- **Hard Disk Space:** 250 GB
- **Speakers:** Internal or external
- **Screen resolution:** 1024x768 or higher

Internet requirements

All students are required to purchase their own dedicated home high-speed internet service at a *minimal required speed of 3 MBps upload and 3 MBps download* for simultaneous screen sharing, video, and audio conferencing. To test the connectivity level in your home, go to speedtest.net

Browser requirements

Students are highly encouraged to have at least two of the following web browsers (with the latest version installed).

- **Internet Explorer/Edge** (PC only)
- **Safari** (MAC only)
- **Mozilla Firefox**
- **Google Chrome**

Required plug-ins

The latest version is required.
Adobe Acrobat Reader: adobe.com
Adobe Flash Player: adobe.com
Java: java.com