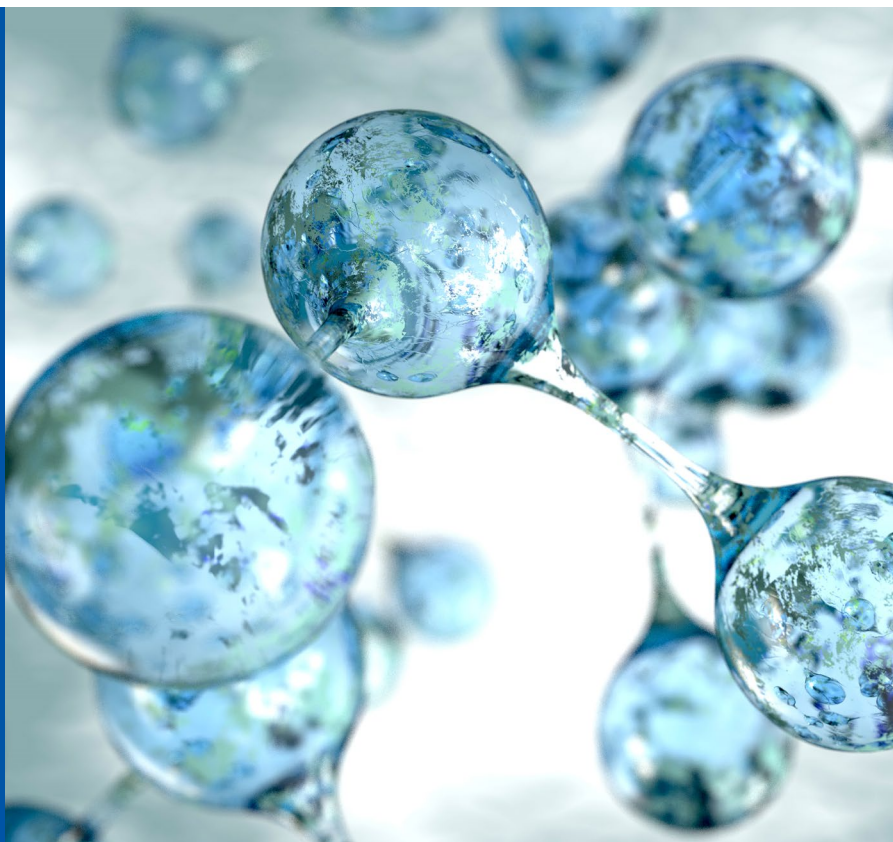


# Teaching Clinically Relevant Medicinal Chemistry Based on Solid Pedagogy and Instructional Methodology

Creighton  
UNIVERSITY

Center for Professional  
and Corporate Excellence

This CE course is designed 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 facilitator has developed and published several innovative methods in teaching clinically relevant medicinal chemistry.



## Online Course

\$145 Registration fee

\$125 SPAHP alumni discounted fee

16 CE hours

Learn more at:  
[excellence.creighton.edu/enduring](http://excellence.creighton.edu/enduring)



## PROGRAM FACULTY

**Naser Z. Alsharif, PharmD, MS, PhD**

*Professor of Pharmacy Sciences*

*School of Pharmacy and Health Professions*

## PURPOSE

This course is intended for pharmacy faculty teaching medicinal chemistry, but it also has relevant strategies for health care faculty teaching science courses. The course can also 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.

PROVIDED BY:

Creighton  
UNIVERSITY

Office of Continuing Education

Creighton  
UNIVERSITY

School of Pharmacy  
and Health Professions



JOINT ACCREDITATION  
INTERPROFESSIONAL CONTINUING EDUCATION

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

Learn more at: [excellence.creighton.edu/enduring](https://excellence.creighton.edu/enduring)

## OBJECTIVES

### During this course, students will:

- Explore strategies to meet educational outcomes and the patient care process in medicinal chemistry instruction
- Discover strategies to introduce clinical relevance in medicinal chemistry instruction
- Learn how to apply clinically relevant strategies to teaching medicinal chemistry and other science courses
- Explore how to assess student learning in science courses, including medicinal chemistry

## COURSE MODULES

- Cardiovascular Beta Adrenergic/Antagonists
  - » Diuretics
  - » ACEA
  - » ARBs
- Central Nervous System Antidepressants
  - » Cholinesterase inhibitors
  - » NMDA antagonists
- Antimicrobials Penicillins
  - » Cephalosporins
  - » Fluoroquinolones
  - » Macrolides
  - » Aminoglycosides

### 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.

### 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 health care team.

### 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. ACPA 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.

### 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 hours 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.

### 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 the position to control the content of an educational activity. All relevant financial relationships with any commercial interests and/or manufactures must be disclosed to participants at the beginning of each activity. Each faculty and planning committee member has indicated that they have no financial affiliation that is a conflict of interest.

### RESOLUTION OF CONFLICT OF INTEREST

Creighton University Health Sciences Continuing Education has implemented a process to resolve any potential conflicts of interest for each continuing education activity in order to help ensure content objectivity, independence and fair balance and to ensure that the content is aligned with the interest of the public. This review is done by committee and/or peer review.

### CONTINUING EDUCATION PLANNING COMMITTEE

Daniel E. Hilleman, PharmD, FCCP; Kimberley Hallcock; Mark Malesker, PharmD, FCCP, FASHP, BCPS; Colin Dworak

### Questions? Contact:

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Designed for: Pharmacy faculty