Advanced Course in Pharmacoeconomic Modeling

A 2-day program offered by The University of Arizona College of Pharmacy

January 6 – 7, 2016
The University of Arizona College of Pharmacy

Program Overview
The University of Arizona College of Pharmacy is offering a 2-day advanced course in pharmacoeconomic modeling. The program will consist of lecture-based learning combined with hands-on workshops. The program will focus on the use of widely accepted software programs such as Microsoft Excel.

Who Should Attend
• Those with a basic understanding of pharmacoeconomics who are interested in taking it to the next level
• Persons responsible for creating and delivering cost-effectiveness messages to decision makers
• Graduate students, fellows, or trainees interested in increasing their modeling expertise

Continuing Education
The University of Arizona College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. A total of 14.5 hours are available to pharmacists attending all sessions. We will utilize the CPE Monitor system to award credit. You will need to provide your NABP ID number.

Venue
All sessions will be held in state-of-the-art facilities at The University of Arizona College of Pharmacy.

Lodging
Area hotels offer lodging at reasonable rates and close proximity to the College.
• Marriott University Park - 520-792-4100
• Arizona Inn - 800-933-1098
• Aloft Tucson University - 520-908-6800
Upon completion of this session participants will be able to:

- Conduct a Markov analysis using Excel software
- Describe the advantages of utilizing Markov analysis
- Create a decision-analysis model using Excel software

ACPe Number: 0003-0000-1-003-L01-P (2.75 hours) Application based

Multiple criteria decision analysis *
Upon completion of this session participants will be able to:

- Identify steps involved in conducting a multiple criteria decision analysis

ACPe Number: 0003-0000-16-001-L01 (1 hour) Knowledge based

Creating and interpreting cost-effectiveness graphs including cost-effectiveness acceptability curves
Upon completion of this session participants will be able to:

- Define the advantages of a cost-effectiveness acceptability curve
- Using Excel software, create graphs for cost, effectiveness, and cost-effectiveness acceptability curves

ACPe Number: 0003-0000-14-004-L01-P (2 hours) Application based

Meta-analysis in Pharmacoeconomic Modeling
Upon completion of this session participants will be able to:

- Transform results from meta-analysis into a probability for decision analysis
- Describe fixed and random effects and how these approaches can influence the results from a meta-analysis

ACPe Number: 0003-0000-14-005-L01-P (3 hours) Application based

Mixed treatment comparisons:
Synthesizing evidence using indirect approaches
Upon completion of this session participants will be able to:

- Describe the methods for an indirect synthesis of clinical evidence
- Conduct a mixed treatment comparison using Excel

ACPe Number: 0003-0000-14-006-L01-P (2 hours) Application based

Program Faculty

Daniel C. Malone, Ph.D.
Professor, Department of Pharmacy Practice and Science
UA College of Pharmacy

Edward Armstrong, Pharm.D
Professor Emeritus
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Registration

The registration fee includes course materials, daily breakfast, refreshments and snacks, lunch, and pharmacy continuing education credit.

Requests for refunds (less a $300 administrative fee) will be honored until December 11, 2015.

Registration fees paid to The University of Arizona Foundation are not considered a tax-deductible gift contribution.

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