ADVANCED COURSE IN PHARMACOECONOMIC MODELING

A two-day program offered by the Texas Center for Health Outcomes Research and Education (TxCORE) at The University of Texas at Austin College of Pharmacy

January 8-9, 2020
PROGRAM OVERVIEW

TxCORE at The University of Texas at Austin College of Pharmacy is offering a two-day advanced course in pharmacoeconomic modeling. The program will consist of lecture-based learning combined with hands-on workshops. The program will utilize a widely accepted software program (Microsoft Excel) as a part of this training.

WHO SHOULD ATTEND

» Those with a basic understanding of pharmacoeconomics who are interested in advancing to the next level.

» Persons responsible for creating and delivering cost-effectiveness messages to decision makers in health care research.

» Graduate students, fellows, or trainees interested in increasing their modeling expertise.

VENUE

All sessions will be held at The Thompson Conference Center on the University of Texas at Austin Campus, just a few steps away from the LBJ Presidential Library:

2405 Robert Dedman Dr.
Austin, TX 78712

*Parking is available onsite

lodging

A number of hotels are in the proximity of the UT campus with a range of accommodations including:

Double Tree by Hilton
512-479-4000

Hampton Inn & Suites
512-499-8881

AT&T Executive Education Hotel
512-404-1900
PROGRAM FACULTY

Daniel C. Malone, PhD
Professor, Department of Pharmacotherapy
Skaggs College of Pharmacy
The University of Utah

Karen Rascati, PhD
Professor, Health Outcomes Division
College of Pharmacy
The University of Texas at Austin

Michael Johnsrud, PhD
Executive Director, TxCORE
College of Pharmacy
The University of Texas at Austin

Jason Hurwitz, PhD
Assistant Director, HOPE Research
College of Pharmacy
The University of Arizona
Registration and Breakfast 7:30 AM-8:00 AM
Program Begins 8:00 AM

Decision Analysis: An Introduction and Practical Application
» Identify steps involved in conducting a decision analysis
» Create a decision-analysis model using Excel software

Markov Modeling: Concepts and Applications
» Describe the advantages of utilizing Markov analysis
» Conduct a Markov analysis using Excel software

Probabilistic Models: Addressing Uncertainty, Heterogeneity, and Incorporating Distributions Into Models
» Assess simultaneous changes on cost-effectiveness variables
» Using multiple worksheets in Excel, build probabilistic cost-effectiveness analyses

Multiple Criteria Decision Analysis
» Identify steps involved in conducting a multiple criteria decision analysis

Adjourn 5:00 PM
Breakfast 7:30 AM-8:00 AM
Program Begins 8:00 AM

Creating and Interpreting Cost-Effectiveness Graphs Including Cost-Effectiveness Acceptability Curves
- Define the advantages of a cost-effectiveness acceptability curve
- Using Excel software, create graphs for cost, effectiveness, and cost-effectiveness acceptability curves

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

Mixed Treatment Comparisons: Synthesizing Evidence Using Indirect Approaches
- Describe the methods for an indirect synthesis of clinical evidence
- Conduct a mixed treatment comparison using Excel

Adjourn 4:30 PM
The registration fee for the Advanced Course in Pharmacoeconomic Modeling includes course materials, daily breakfast, refreshments, snacks, and lunch.

**Refund Policy:** Requests for refunds (less a $300 administrative fee) will be honored until December 6, 2020. Registration fees paid to The University of Texas at Austin are not considered a tax-deductible gift contribution.

If not using the online system, please return the form below:

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**Registration Form**

Advanced Course In Pharmacoeconomic Modeling January 8-9, 2020

Name: ____________________________________________
Degree: ___________________ Position: _______________________
Affiliation: __________________________________________
Address: _______________________________________________
City: __________ State: _____ Zip Code: ___________________
Telephone: ______________ Fax: ________________________
Email Address: _______________________________________

**Registration Fee:**
- Industry $1545
- Academia/Government $1045
- Fellows/Residents/Persons in Training $750

Please indicate method of payment:
- Visa
- Mastercard
- American Express

Card Number: ___________________________ Expiration Date: _____________
Cardholder’s Name As It Appeared On Card: ____________________________
Card Billing Address: _____________________________________________

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Please return completed registration form and payment to:

**Email:**
txcore@austin.utexas.edu

**US Mail:**
TxCORE
The University of Texas College of Pharmacy
Mail Code A1930
2409 University Avenue
Austin, Texas 78712