



THE UNIVERSITY OF ARIZONA COLLEGE OF PHARMACY

Center for Health Outcomes & PharmacoEconomic Research



VIRTUAL TRAINING PROGRAM IN Health Outcomes and Pharmacoeconomic Research - Part 2 OCTOBER 4-7, 2021

PROGRAM OVERVIEW

Professionals with an entry to intermediate knowledge level will benefit most from this 4-day program. Part 2 is a follow up to our previous virtual HEOR training offered in October 2020 and April 2021.

- Interactive Lectures
- Hands-On Workshops
- Case Studies
- Small Group Discussions

- Building decision analysis expertise
- Pearls in using databases
- Performance-based risk sharing
- Markov models
- Value based pricing
- “Real world” application examples from experts
- Using ICER reports to make decisions
- Designing and conducting studies
- Initiating your HEOR message with stakeholders
- And more!



I have been wanting to attend this course for years but traveling to Tucson for a whole week was a big barrier for me. Thank you for offering a virtual session. I hope you will continue to offer virtual sessions for those who cannot travel for in person meetings. Virtual is as effective as in person!!

HEOR TRAINING PROGRAM AGENDA

October 4 – 7, 2021

DAILY TOPICS

Monday, October 4 • 9:00am-2:15pm *(Pacific Time)*

Pre-test

Getting up to speed: A review of key HEOR concepts

- Review key concepts using a polling challenge

Building expertise in decision analysis: Excel workshop

- Build a decision tree using Excel
- Compare three treatment strategies and incorporate QALYs
- Develop and interpret sensitivity and cost-effectiveness acceptability curve graphs

Using databases: Pearls from the real world

- Discuss the characteristics of a “good” database
- Describe the limitations of database studies
- Select appropriate data sources for various case studies

Performance-based risk sharing agreements

- Describe key characteristics of performance-based risk-sharing (PBRs) agreements
- Identify good practice recommendations issued by the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) PBRs Task Force
- List benefits, challenges, and potential barriers for PBRs agreements

Tuesday, October 5 • 9:00am-2:15pm *(Pacific Time)*

Option 1: Markov models: A subset of decision analysis

- Differentiate between decision trees and Markov models
- Identify disease conditions where a Markov analysis is preferred to a decision tree
- Build a Markov model using Excel software

Option 2: Patient-reported outcomes (PROs): Insights from a regulatory perspective

- Discuss PRO endpoint development, use in clinical trials, analytics, and interpretation of results from an FDA viewpoint
- Describe regulatory interaction with results, and the role of FDA in the PRO approval process
- Complete the PHQ-9 tool and discuss the label claim process for a real-world product approval

Value based pricing 2.0

- Describe pricing strategies and alternative payment models considered for managing high cost pharmaceuticals
- Identify issues around value assessment
- Discuss issues of thresholds for cost-effectiveness and the effect on pricing and reimbursement

Panel discussion: “Real-world” application of HEOR data

- Describe use and limitations of pharmacoeconomic data in real-world decision making

Deriving utilities: Where do they come from?

- Describe methods to measure utility such as the Time Trade Off and Standard Gamble

Wednesday, October 6 • 9:00am-2:15pm *(Pacific Time)*

Managed care workshop: Using ICER reports for decision making

- Evaluate pharmacoeconomic data from an ICER report to make formulary recommendations
- Identify health economics and outcomes data that are needed for decision making

How to initiate your HEOR message with key stakeholders

- Describe evidence-based techniques and models that translate to effective communication with healthcare audiences
- Develop an introduction statement to communicate HEOR messages with potential stakeholders

Designing and conducting HEOR studies

- Identify the steps in planning a pharmacoeconomic study
- Analyze a pharmacoeconomic problem and choose key elements for inclusion in a pharmacoeconomic evaluation

Replicating study findings

- Review a pharmacoeconomic study to identify key elements lending support to the conclusions
- Replicate the study findings in a decision tree

Thursday, October 7 • 9:00am-12:45pm *(Pacific Time)*

Designing and conducting HEOR studies: Group work/presentations

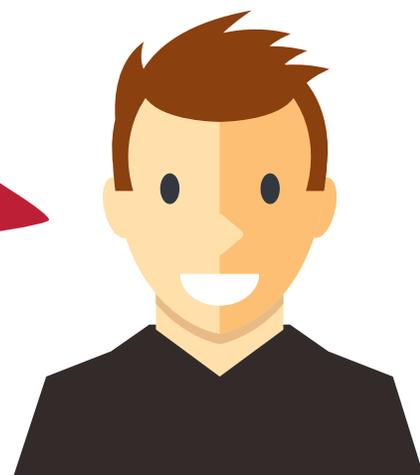
- Present pharmacoeconomic studies and discuss with faculty and participants the project, considerations, methodologies utilized, participants the project, considerations, and methodologies utilized
- Review strengths and weaknesses of study designs

Next steps: Moving forward to implement what you’ve learned

- Identify strategies for incorporating HEOR tools into your work environment

Post-test and review

This was the best course I have ever taken. I learned so much and recommend this to all interested in learning about HEOR.



COLLEGE OF PHARMACY TRAINING PROGRAM FACULTY

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*Senior Director, Eller Executive
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PHARMACY CONTINUING EDUCATION

The University of Arizona College of Pharmacy partners with Banner Health to provide continuing education for pharmacists.



I was so impressed with the quality of presenters. Everyone did a tremendous job describing concepts that were easy to understand.



THE UNIVERSITY OF ARIZONA
College of Pharmacy

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OUR PROGRAM

For 20 years we have offered our in-person training program in Tucson for professionals whose job responsibilities include the application or interpretation of pharmacoeconomic information. The curriculum is for individuals with entry to intermediate knowledge level. Attendance each year is generated through recommendations from prior attendees.

To accommodate COVID-19 restrictions our program has been retooled for virtual participation and offered in two parts. Part 1 focuses on principles and methods then takes participants into

application along with more in-depth concepts. Part 2 builds upon the earlier foundation taking the learner to additional advanced applications, more “real world” application, and commences with the design, delivery, and message sharing of pharmacoeconomic studies. We will look at 2022 for a return of in-person options.

For those who have participated in Part 1, a review of the sessions will be made available in advance and included in the registration fee. For those that have not participated, recordings of Part 1 sessions may be purchased with your registration.

REGISTRATION

Register online at:

<https://part2heortraining.eventbrite.com>

Registration fee: \$1,100 Professionals
\$800 Trainees
Group rates for 5 or more can be pre-arranged.

Recordings of Part 1 sessions for review:

(Can be purchased by those that have not attended previously)

\$800 Professionals
\$600 Trainees

For previous attendees, recordings will be free and available 1 month in advance

The registration fee for the Training Program in Health Outcomes and Pharmacoeconomic Research includes all sessions, electronic training materials, pharmacy continuing education credit, and a certificate of completion.

Slides and other program materials will be available electronically prior to the program.

Refund Policy: A refund (less \$200 cancellation fee) will be available for cancellations received in writing by September 10, 2021.

Persons with a disability may request a reasonable accommodation, such as sign language interpreter, by contacting us at 520-626-3106 or HEORtraining@pharmacy.arizona.edu. Requests should be made as early as possible to allow time to arrange the accommodation.

PROGRAM REQUIREMENTS

- Laptops installed with Excel are needed to complete some exercises
- Prior to the program, participants will be sent one pharmacoeconomic article to evaluate in preparation for an interactive session

FOR FURTHER INFORMATION:

HOPE Center

*Center for Health Outcomes
& Pharmacoeconomic Research*

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