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.

- Interactive Lectures
- Case Studies
- Hands-On Workshops
- 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!

“This training exceeded my expectations. Thank you for creating such a well organized program and for finding such knowledgeable speakers!!”
Monday, November 7 (Mountain Standard Time)

9:00 - 9:15 Welcome

9:15 - 9:30 Pre-test
  • Identify present knowledge base through pre-test

9:30 - 10:00 Getting up to speed: A review of key HEOR concepts
  Jason Hurwitz, PhD and Amy Grizzle, PharmD
  • Use a polling challenge to review key concepts

10:00 - 11:15 Building expertise in decision analysis: Excel workshop
  Jason Hurwitz, PhD
  • Build a decision tree using Excel
  • Compare three treatment strategies and incorporate QALYs
  • Develop and interpret sensitivity and cost-effectiveness acceptability curve graphs

11:15 - 11:30 Break

11:30 - 12:30 Using databases: Pearls from the real world
  Ed Armstrong, PharmD
  • Discuss the characteristics of a “good” database
  • Describe the limitations of database studies
  • Select appropriate data sources for various case studies

12:30 - 1:15 Midday break

1:15 - 2:00 Deriving utilities: Where do they come from?
  Rhys Axon, MPharm, MS, PhD
  • Describe methods to measure utility such as the Time Trade - Off and Standard Gamble

2:00 - 2:15 Complete daily evaluation

“Also really enjoyed the real-life panel and how they use HEOR data in their day jobs.”
Tuesday, November 8 (Mountain Standard Time)

8:50 - 9:00  Log-in & Announcements

9:00 - 10:00  Markov models: A subset of decision analysis  
  Jason Hurwitz, PhD  
  • 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

10:00 - 11:00  Value frameworks  
  Dan Malone, PhD  
  • Describe initiatives by professional societies to create value frameworks  
  • Discuss limitations of value frameworks  
  • Discuss the impact of ICER recommendations for payers and manufacturers

11:00 - 11:15  Break

11:15 - 12:15  Performance-based risk sharing agreements  
  Tom Hughes, PhD  
  • 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

12:15 - 1:00  Midday break

1:00 - 2:00  Value based pricing 2.0  
  Dan Malone, PhD  
  • 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

2:00 - 2:15  Complete daily evaluation

Wednesday, November 9 (Mountain Standard Time)

8:50 - 9:00  Log in & Announcements

9:00 - 10:00  Managed care workshop: Using ICER reports for decision making  
  Dan Malone, PhD  
  • Evaluate pharmacoeconomic data from an ICER report to make formulary recommendations  
  • Identify health economics and outcomes data that are needed for decision making
10:00 - 11:15 Panel discussion: “Real-world” application of HEOR data
   Jacob Abarca, PharmD
   Emily Richards, PharmD
   Marcus Sredzinski, PharmD
   • Describe use and limitations of pharmacoeconomic data in real-world decision making

11:15 - 11:30 Break

11:30 - 12:30 Designing and conducting HEOR studies
   Amy Grizzle, PharmD
   Ed Armstrong, PharmD
   Jason Hurwitz, PhD
   • Identify the steps in planning a pharmacoeconomic study
   • Analyze a pharmacoeconomic problem and choose key elements for inclusion in a pharmacoeconomic evaluation

12:30 - 1:15 Midday break

1:15 - 2:30 Designing and conducting HEOR studies (continued)

2:30 - 2:45 Group check in and complete daily evaluation

Thursday, November 10 (Mountain Standard Time)

8:50 - 9:00 Log in & Announcements

9:00 - 10:15 Replicating study findings
   Brian Erstad, PharmD
   • Review a pharmacoeconomic study to identify key elements lending support to the conclusions
   • Replicate the study findings in a decision tree

10:15 - 10:30 Break

10:30 - 11:30 Designing and conducting HEOR studies: Group presentations
   • Present pharmacoeconomic studies and discuss with faculty and participants the project, considerations, and methodologies utilized
   • Review strengths and weaknesses of study designs

11:30 - 11:45 Post-test
   • Complete post-test to identify knowledge change

11:45 - 12:00 Complete daily evaluation

12:00 - 12:15 Review post-test results
   • Discuss answers to post-test questions and address any remaining concerns over incorrect responses
Jacob Abarca, PharmD, MS
Senior Clinical Pharmacist
IngenioRx

Edward Armstrong, PharmD
Professor Emeritus
University of Arizona R. Ken Coit College of Pharmacy

Rhys Axon, MPharm, MS, PhD
Assistant Professor
University of Arizona R. Ken Coit College of Pharmacy

Brian Erstad, PharmD, MCCM, FASHP, FCCP, BCPS
Professor & Department Head
University of Arizona R. Ken Coit College of Pharmacy

Amy Grizzle, PharmD
Associate Director
Center for Health Outcomes and PharmacoEconomic Research

Tom Hughes, BSPharm, PhD
Principal
Strategic Evidence

Jason Hurwitz, PhD
Assistant Director
Center for Health Outcomes and PharmacoEconomic Research

Emily Richards, PharmD
Medication Use Specialist
Banner Health

Marcus Sredzinski, PharmD
Executive Vice President, PBM Services & Health Informatics
MedImpact/ScriptSave

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

“Thank you for all your hard work! Loved learning from all of the excellent speakers and connecting with peers.”
REGISTRATION

Register online at: 
HEORPart2Nov2022.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 Part 1 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 October 21, 2022.

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  
HEORtraining@pharmacy.arizona.edu  
520-626-3106  
https://www.pharmacy.arizona.edu/hope