TRAINING PROGRAM IN
Health Outcomes and Pharmacoeconomic Research

OCTOBER 5-8, 2020
Tucson Marriott University Park Hotel

PROGRAM OVERVIEW

Professionals with an entry to intermediate knowledge level will benefit most from this 4-day program consisting of:

- interactive lectures
- case studies
- hands-on workshops
- small group discussion

Participants will learn to:

- critically evaluate literature
- identify appropriate cost and outcomes data sources
- articulate the issues in value frameworks and real-world evidence
- conduct a decision analysis and Markov model
- interpret results of cost-effectiveness analyses
- apply concepts to managed care decision-making
- collaborate on a mock project
- and much more!
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

Space is limited to encourage interactive sessions and personalized attention. Social distancing guidelines will be in place.

Daily Topics

**Monday, October 5 | 7:30am-4:30pm**
- Pharmacoeconomic principles
- Pharmacoeconomic methodology
- Cost and outcomes data sources
- Patient-reported outcomes (PRO) assessment
- Decision analysis/Pharmacoeconomic models

**Tuesday, October 6 | 7:30am-4:30pm**
- Deriving utilities: Where do they come from?
- Interpreting cost-effectiveness results
- Sensitivity analysis
- Markov models: A subset of decision analysis
- Real-world evidence (RWE)
- Real-world evidence (RWE): Payer perceptions & use
- Performance-based risk sharing agreements

**Wednesday, October 7 | 7:30am-5:15pm**
- Value frameworks
- Database studies
- Budget impact analysis
- Value based pricing 2.0
- Managed care workshop
- How to initiate your HEOR message with key stakeholders
- Designing and conducting pharmacoeconomic studies

**Thursday, October 8 | 7:30am-2:00pm**
- Evaluating pharmacoeconomic studies
- Application of pharmacoeconomic data in the “real world”
- Jeopardy game: What have you learned?
- Applying concepts/Pharmacoeconomic study presentations

“Awesome training course. I greatly appreciate every speaker’s contribution along with the interactive exercises. Thank you!”

“This was a fantastic overview of HE & OR. I learned so much that is directly applicable to my job. You have given me a great introduction, information and tool set to use. Thank you!”
“The overall program was excellent, especially for my organization. I believe implementation of these concepts will eventually bridge PE communication gap between MCOs and industry.”

“The University of Arizona College of Pharmacy Training Program Faculty

**Edward Armstrong, PharmD**
Professor Emeritus, Department of Pharmacy Practice & Science

**Rhys Axon, MPharm, MS, PhD**
Assistant Professor, Department of Pharmacy Practice & Science

**Harman Dhatt, MPH**
Graduate Research Assistant

**Brian Erstad, PharmD, MCCM, FASHP, FCCP, BCPS**
Professor and Head, Department of Pharmacy Practice & Science

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

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

**Daniel Malone, RPh, PhD, FAMCP**
Professor, University of Utah College of Pharmacy
Professor Emeritus, University of Arizona College of Pharmacy

**Shannon Vaffis, MPH, PMP**
Graduate Research Assistant

**Guest Faculty**

**Jacob Abarca, PharmD, MS**
Senior Clinical Pharmacist, IngenioRx

**Libby Floden, PhD, MPH**
Director, Quantitative Sciences, Clinical Outcomes Solutions

**Denise Erickson, PharmD, BCPS**
Senior Director, Clinical Pharmacy Services, Banner Health

**Tom Hughes, BSPharm, PhD**
Principal, Strategic Evidence

**Marcus Sredzinski, PharmD**
Executive Vice President, PBM Services & Health Informatics

MedImpact/ScriptSave

**Nick Toby**
Director of Business Development
Eller Executive Education
University of Arizona
Eller College of Management

**Pharmacy Continuing Education**

The University of Arizona College of Pharmacy is partnering with Banner Health to provide continuing education credit for pharmacists.
Location

The program will be held at the Tucson Marriott University Park Hotel, 880 East Second Street, Tucson, Arizona 85719.

While in Tucson for the week, enjoy a recently updated, full-service hotel setting coupled with a university campus experience. The hotel is located at the Main Gate to the University of Arizona affording close proximity to campus venues. Also within walking distance are restaurants, museums, and shopping and easy streetcar access to downtown Tucson.

The hotel offers a staffed business center, fitness center and sauna, outdoor pool and spa, lounge, and restaurant.

A discounted group rate of $145.00 per night plus applicable taxes is available for your stay during the training program.

To make your reservation, please call 844-407-5441 or click here.

Book your group rate for UArizona College of Pharmacy Training in Health Outcomes. Please note that rooms will only be held until September 4, 2020, or until the block is filled. After this date, rooms will be on a space available basis. If you have any questions or require any assistance with arranging your accommodations, please contact us.

For further information:

Center for Health Outcomes & PharmacoEconomic Research (HOPE Center)
HEORtraining@pharmacy.arizona.edu
520-626-3106

Registration

Register online at https://trainingprograminhealthoutcomes.eventbrite.com

Registration fee:  
$2,750 Professionals  
$2,475 Professionals registered by August 15  
$1,750 Trainees

Group rates for 5 or more can be pre-arranged.

The registration fee for the Training Program in Health Outcomes and Pharmacoeconomic Research includes all sessions, electronic training materials, daily breakfast, lunch, and refreshments, 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 $450 cancellation fee) will be available for cancellations received in writing by September 10, 2020.

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

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.

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