PROVIDING SOLUTIONS

The Center for Health Evaluation and Economic Research (CHEER) provides healthcare providers, community partners, government agencies and researchers with consultation and training in economic evaluations and needs assessment of healthcare services and programs

OUR EXPERTISE AND APPROACH

We have an expertise in research methodologies such as analysis of healthcare data, economic evaluations, resource based costing, and discrete choice surveys needed to address the fiscal challenges facing our healthcare system, especially for rural and underserved communities.

Our approach is community based, including translating the work to diverse communities. Our aim is to make a positive impact on cost and quality of care by providing evidence to support policy and system change.

CONSULTING + SUPPORT

Among the services CHEER provides to healthcare providers, community partners, government agencies and researchers are:
Assessment of met and unmet need through:

- Analysis of healthcare data
- Surveys and interviews
- Systematic reviews

Economic evaluations including:

- Cost effectiveness analysis
- Resource based costing
- Budget impact analysis
- Return on Investment

WORKSHOPS and TRAINING

- Economic evaluations
- Needs assessments
- Analysis of the US Healthcare system

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CHEER

Center for Health Evaluation & Economic Research

UC MERCED
Health Sciences
RESEARCH INSTITUTE

CHEER TRAINING COURSE

Cost Effectiveness and Decision Analysis

CHEER is offering a 4-day course on cost-effectiveness and decision modeling using Excel and TreeAge (statistical software for decision analysis) from October 1 to 4, 2018 at the University of California, Merced. Co-instructors Professor Paul Brown (UC Merced), and Professor Jorge Diaz and Professor Alex Moreno (National University of Colombia) will cover the principles of cost-effectiveness analysis and decision analytic modeling and guide participants in implementing decision trees, Markov models, and microsimulation models using Excel and TreeAge.

The workshop will also cover more advanced topics, such as probabilistic sensitivity analysis and model calibration.

Participants will be expected to have some degree of knowledge of basic concepts of economic evaluations. Participants are also expected to be familiar with Excel.

For those with little or no knowledge of economic evaluations, we will be providing a two-day workshop entitled "Cost Analysis and Return on Investment from healthcare programs" on Monday September 24 and Tuesday September 25, 2018. Registration of this workshop is separate from the registration for the COST EFFECTIVENESS AND DECISION ANALYSIS course, which covers lunches and expenses. Travel and accommodation is not included. For more information about course content, contact: Paul Brown at pbrown3@ucmerced.edu, for registration information, please contact Amelia Johnson at HSRI@ucmerced.edu

TARGET AUDIENCE

This course is primarily designed for fiscal analysts and researchers who would like experience in conducting economic evaluations, including cost effectiveness, cost utility, and cost benefit analysis.

AGENDA

The following are topics that will be covered across the four days of the course. We will send more information as the day approaches.

Day 1: Introduction to cost effectiveness decision trees modelling
Day 2: Probabilistic modelling and fitting distributions
Day 3: Markov modelling
Day 4: Analysis and presenting simulation results

DETAILS

Dates: October 1 to 4
Place: UC Merced Campus
Costs: $300 (to cover lunches and expenses)
Travel and accommodations: You are expected to arrange and pay for your travel and accommodations.

PRESENTERS

Professor Paul Brown (PhD Economics)
Professor Jorge Augusto Díaz Rojas (PhD Pharmaceutical Sciences)
Mr. Alexander Moreno Calderón (PhD candidate in Systems and Computer Engineering)
Dr. Jorge Medina Parra (MD)

hsri.ucmerced.edu/events/cheer

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