

Dissertation Research, California Center for Population Research, UCLA (2015-2017)

Designed and implemented an impact evaluation of Mexico's Seguro Popular program on out-of-pocket expenses and health care utilization among older Mexican adults with chronic diseases

Graduate Student Researcher, California Center for Population Research, UCLA (2015-2016)

Assisted the principal investigator of a project on vital statistics from Mexico in implementing several econometric models

Teaching Assistant, UCLA (2014; 2016)

Aided the instructors of the "Decision Analysis and Cost-Effectiveness Analysis" course with grading assignments/exams, and in managing class' website. Guided students in using TreeAge at lab workshops

Full Time Associate Professor, Instituto Tecnológico Autónomo de México (ITAM), Mexico City (1999-2012)

Conducted Excel-based simulations under the PI's supervision for the "Analysis of self-monitoring of blood glucose using discrete-event simulation" project; analyzed and synthesized the results of the project

Developed, coordinated, taught, and assessed operations management, project management, and production planning and control courses to MBA and engineering students

Successfully led and coordinated the faculty at ITAM to obtain the accreditation of ITAM's engineering programs by the American Board for Engineering and Technology (ABET)

PROFESSIONAL EXPERIENCE

Consultant, Blutitude, Mexico City (current)

I am currently working on a project to assess hospital performance in Mexico. In charge of the project's methodology: defining performance measures and establishing a hospital ranking system

Treasurer and Co-Founder of Mexicanos at UCLA (2014-2017)

Student organization that offers social support to UCLA undergraduate and graduate students with an interest in Mexico

Quality Assurance Engineer, Tetra Pak, Mexico City (1996-1997)

Implemented Good Manufacturing Practices, ISO 9000 and quality systems in customers' manufacturing plants by training key personnel

Conducted life-cycle analyses of packaging materials

Coordinated technicians to troubleshoot problems with packaging lines and processing equipment at customers' plants

Sales Administrator, Tetra Laval Food, Mexico City (1994-1995)

Developed a market research study of the (edible) fats and oils' industry in Mexico

Coordinated logistics and control of customers' production orders

Oversaw inventory control and forecasted customers' packaging material consumption