

CHENGHUI LI
UAMS College of Pharmacy
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EDUCATION

B.S. Economics, Saint Vincent College, Latrobe, Pennsylvania, May 1998
M.A. Economics, Indiana University, Bloomington, IN, December 2001
Ph.D. Economics, Indiana University, Bloomington, IN, May 2005
Post-Doctoral Fellowship Pharmacoeconomics and Outcome Research, Rutgers University, Piscataway, NJ, July 2006

FIELDS OF SPECIALIZATION

Applied Econometrics, Pharmacoeconomics, Health Economics.

ACADEMIC APPOINTMENT

Assistant Professor: November 2006-Present
Division of Pharmaceutical Evaluation and Policy
Department of Pharmacy Practice
College of Pharmacy
University of Arkansas for Medical Sciences, Little Rock, AR 72223

Research Assistant: February 2007-Present
Center for Mental Healthcare and Outcomes Research (CeMHOR)
Central Arkansas Veterans Healthcare System
North Little Rock, AR 72114

PREVIOUS RESEARCH EXPERIENCE

Post-doctoral Associate: July 2005 – July 2006
Ernest Mario School of Pharmacy
Rutgers University, Piscataway, NJ 08854

Research Assistant: January 2002 – August 2003
Economics Department
Indiana University, Bloomington, IN 47405

TEACHING EXPERIENCE

UAMS College of Pharmacy, Little Rock, AR 72205
Master Students in Pharmaceutical Evaluation and Policy

PHPR 5323: Foundations of Pharmaceutical Evaluation and Policy Research Methods
(3-hour lecture on Power Analysis), Fall 2006, Fall 2007, Fall 2008, Fall 2009
PHSC 5383: Applied Health Econometrics, Fall 2007, Fall 2009

Pharm.D. Students

PHPR 5642: Evidence-based Medicine, Biostatistics, and Pharmacoeconomics (Biostatistics),
Fall 2009

PHPR 5642: Evidence-based Medicine and Pharmacoeconomics

(2-hour lecture on Regression Analysis and 1-hour lecture on Survival Analysis), Fall 2008

PHPR 4613: Drug Lit/Biostatistics (Part II: Biostatistics), Spring 2007, Spring 2008

Economics Department

Indiana University, Bloomington, IN 47405

Associate Instructor: August 2000 – December 2001

Independently taught the following courses, full teaching responsibility, including the design of course materials, assignments and exams, grading and student advising

- **Principles of Microeconomics:** Full teaching responsibility, approximately 45 students
- **Principles of Macroeconomics:** Full teaching responsibility, approximately 45 students
- **Statistics for Business and Economics (Intensive Summer Session):** Full teaching responsibility, approximately 25 students
- **Statistics for Business and Economics:** Taught four groups of students in lab sessions using Excel, average of 40 students each group

Teaching Assistant: August 1998 – May 2000

Assisted professors in teaching the following courses, large classes with over 300 students

- **Principles of Microeconomics:** Taught discussion sessions, graded homework and participated in the design of weekly assignments and tests
- **Statistics for Business and Economics:** Tutored students, graded homework and participated in the design of weekly assignments and tests

MASTER STUDENT THESES ADVISORY COMMITTEE

Robert Conrad

Masters Thesis Defended Spring 2007

Thesis Title – Impact of 3-Tier Prescription Copayment Implementation on Prescription Initiation Behavior of Military Beneficiaries

Committee Member (Chair: Bradley Martin)

Amit Bodhani

Masters Thesis Defended Fall 2008

Thesis Title - Evaluating Medicare Beneficiaries' Satisfaction with Medication Therapy Management Services in Community Pharmacies

Committee Member (Chair: Donna West)

Kejal Parikh

Masters Thesis Defended Fall 2008

Thesis Title – Impact of an inhaled corticosteroid preferred drug list on utilization, costs, and adherence in Arkansas Medicaid

Committee Member (Chair: Bradley Martin)

Rukesh Luthra

Masters Thesis Defended Fall 2009

Thesis Title – Comparison of Costs, Resource Utilization and Injuries among Depressed Patients Treated With Pharmacotherapy or Psychotherapy or Combined Therapy

Committee Member (Chair: Qayyim Said)

RESEARCH

Deb P, Li C, Trivedi PK and Zimmer DM. “The Effect of Managed Care on Use of Health Care Services: Results from Two Contemporaneous Household Surveys” *Health Economics*, 2006, 15(7): 743-760.

Li C and West DS. “Patient Panel of Underserved Populations and Adoption of Electronic Medical Record System by Office-Based Physicians”. (Under Review)

Bodhani A, West-Strum DS, Songthip O, Li C, and Pace A. “Evaluating Medicare Beneficiaries’ Satisfaction With Medication Therapy Management Services In Community Pharmacies”. (Under Review)

Book Chapter

Li C and Said Q. “Survival Analysis” in Section 5: Statistical Adjustments/Approaches Section, Edited by Joel Hay in *ISPOR Book Reliability and Validity of Data Sources for Outcomes Research & Disease and Health Management*. (Forthcoming)

PRESENTATIONS

Li C and Dresler C. “Impact of Arkansas Medicaid Expansion of Tobacco Cessation Treatment”. National Conference on Tobacco Control or Health, Phoenix, AZ, June 10-12, 2009 (Poster Presentation)

Said Q, Li C, Hastings J, Souder E Characteristics of Medicare Part-D Enrollees With And Without Prescription Drug Coverage Gap. 14th ISPOR Annual International Meeting. Orlando, FL. May 16-20, 2009 (Poster Presentation).

Bodhani A, West D, Li C, Ounpraseuth S, Pace A. Psychometric Assessment of an Instrument to Measure Patient Satisfaction with Medication Therapy Management Services. 14th ISPOR Annual International Meeting. Orlando, FL. May 16-20, 2009 (Poster Presentation).

Bodhani A, West DS, Li C, Pace A, Ounpraseuth S. A Description of Medicare Beneficiaries’ Experience with MTM Services in Community Pharmacies. 2009 American Pharmacists Association Annual Meeting. San Antonio, TX. April 4-5, 2009 (Poster Presentation).

Li C and West D. “Patient Composition and Adoption of Electronic Medical Record (EMR) system: Are Physicians Who Care for a Larger Proportion of Underserved Population Less Likely to Adopt EMR systems? Evidence from the 2005 National Ambulatory Medical Care Survey (NAMCS)” AcademyHealth 25th Annual Research Meeting, June 8-10, 2008; Washington, DC (Poster Presentation).

Pariikh K, Li C, and Martin B. “Factors associated with antihistamine prescribing in asthma in the United States in 2005” ISPOR 13th Annual International Meeting, May 3-7, 2008; Toronto, Canada (Poster Presentation).

Bodhani A, Li C, and Martin B. “Physician and patient factors predicting the prescribing of statins in hypertension and diabetes”. ISPOR 13th Annual International Meeting, May 3-7, 2008; Toronto, Canada (Poster Presentation).

- “Are minorities more likely to be initially diagnosed of hypertension during non-office-based visits? Evidence from Medical Expenditure Panel Survey 1996-2003.” ISPOR 12th Annual International Meeting, May 19-23, 2007; Arlington, VA (Poster Presentation)
- “Disparity in Access to Medical Care in the US: The Role of Health Insurance and Selection Bias,” University of Arkansas of Medical Sciences, June 2006, Little Rock, AR
- Suh DC, Li CH, Gause D, and Sung J. “Developing Atopic Manifestations (AMs) is More Prevalent in Patients with Atopic Dermatitis (AD) Than in Patients Without AD” the 64th Annual Meeting of American Academy of Dermatology, March 3–7, 2006, San Francisco, CA (Poster Presentation)
- Choi, IS, Suh DC, Li C, Akano C, Park J, Barone JA. “Economic Burden of Diabetes Attributable to Overweight and Obesity among U.S. Adults” The 11th Annual Meeting of International Society for Pharmacoeconomics and Outcome Research, May 20-24, 2006, Philadelphia, PA (Poster Presentation)
- The 5th World Congress of the International Health Economics Association (iHEA), “Pattern of Health Care Use When Uninsured: Do the Temporarily Uninsured ‘Time’ Their Utilization?” July 10-13, 2005 in Barcelona, Spain (Accepted for Podium Presentation).
- The 5th World Congress of the International Health Economics Association (iHEA), “Disparity in Medical Care Utilization, Health Insurance and Selection Bias”, July 10-13, 2005 in Barcelona, Spain (Accepted for Poster Presentation).
- Econometrics Workshop, Indiana University, “Reexamination of the Disparity in Medical Care Utilization between the Insured and Uninsured: A Finite Mixture Approach,” January, 2004
- 4th Annual SPEA Young Researcher's Conference, Indiana University, “Disparity in Medical Care Utilization, Health Insurance Status and Selection Bias,” April 2, 2004

GRANTS AND CONTRACTS

- Under Review
Chenghui Li (PI). Comparative Effectiveness and Cost-effectiveness of Three Education Modalities of Tobacco Cessation Intervention for Dental Health Providers. Submitted to National Institute of Health. **Principal Investigator (25%)**, Submitted on 05/29/2009.

Chenghui Li (PI). Racial and Ethnic Disparity in Continuity of Care in Patients with Chronic Conditions. Submitted to Arkansas Center for Health Disparities Pilot Research Program. **Principal Investigator (15%)**. Submitted on 04/15/2009.
- Funded: (Include title, investigators/authors, funding agency/source, and amount-direct & indirect funding, role)
Ongoing:
 Qayyim Said (PI). NIH:NINR: P20 NR009006-01. "UAMS College of Nursing Tailored Biobehavioral Interventions Research Center." "Pilot project: The Effect of Medicare Part D Prescription Drug Coverage Gap on Medication Adherence." **Co-Investigator (10% effort)**. Project period: 4/01/08-4/01/09.

Chenghui Li (PI). Prior Pneumococcal Polysaccharide Vaccination and Cost of Hospitalization for Community-Acquired Pneumonia in Elderly People. 2008 UAMS Medical Research Endowment Award, **Principal Investigator (10%)**, 01/01/08-6/30/10.

Finished:

Chenghui Li (PI). The Impact of Arkansas Medicaid Coverage Expansion and Change in Prior Authorization Procedure on Utilization of Tobacco Cessation Treatment among Arkansas Medicaid Enrollees. Substance Abuse Policy Research Program (SAPRP), Robert Wood Johnson Foundation, **Principal Investigator (15%)**. Project Period: 05/01/08-09/30/09.

Catherine E. O'Brien (PI). Effect of Lubiprostone on Nutritional Status and Pulmonary Function in Adults with Cystic Fibrosis. American Society of Health System Pharmacists Research and Education Foundation. **Biostatistician (2%)**; Principal Investigator: Catherine E. O'Brien, WBSE: G1-32222-01, Fund 271. Project Period: 5/15/07-4/30/08.

Jeff Pyne (PI). Cost-Effectiveness of Reducing Drug Treatment Barriers. National Institute on Drug Abuse, Supporting Agency. (Grant #1R01 DA18980-01). National Institute of Health, Funding Agency. **Health Economist (10%)**. Project Period: 03/2005-02/2009.

- Unfunded: (Include title, funding agency/source, score, if available)
Amy Franks (PI). Impact of a Worksite Metabolic Syndrome Screening and Education Program on Clinical Markers and Health Behaviors. National Center Research Program, American Heart Association, **Co-Investigator (5%)**. Submitted 07/2007.

Qayyim Said (PI). The Emergence of Retail Health Clinics: Impact on Emergency Department Visits. Changes in Health Care Financing and Organization, Robert Wood Johnson Foundation, **Co-Principal Investigator (20%)**. Submitted 10/2007.

Donna West (PI). Investigating the Relationship between Pharmacy Quality Measures and Outcomes in a Medicaid Population. National Association of Chain Drug Stores Foundation, **Co-Investigator (10%)**. Submitted 12/2007.

Nalin Payakachat (PI). Quality of Life Impacts of Adopting Precision Agriculture Technology: A Pilot Study Evaluating Arkansas Farmers and Farm Equipment Operators. Arkansas Biosciences Institute. **Co-Investigator (10%)**. Submitted 09/2008.

Bradley C. Martin (PI) and Nalin Payakachat (Co-PI). Knowledge, Attitudes, and Practices of Dual Protection in Young Women and their Provider. Submitted to CDC. **Co-investigator (5%)**. Submitted in 05/2009.

PROFESSIONAL MEMBERSHIPS

2005-2006	Member of International Health Economics Association
2006-2009	Member of International Society of Pharmacoeconomics and Outcome Research
2008-2009	AcademyHealth
2009	American Society of Health Economists

JOURNAL REFEREE

Value in Health, 2nd Asia Special Issue (2009)