

**Chenghui Li, Ph.D.**  
***CURRICULUM VITAE***

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**Mail Address**

University of Arkansas for Medical Sciences  
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**Contact Information**

Little Rock, AR 72205  
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**EDUCATION**

- May 2005                      **Doctor of Philosophy, Economics**  
Indiana University, Bloomington, Indiana
- December 2001                **Master of Arts, Economics**  
Indiana University, Bloomington, Indiana
- May 1998                      **Bachelor of Science, Economics** (Minor: Mathematics)  
Saint Vincent College, Latrobe, Pennsylvania

**Poster-Doctoral Training**

- June 2005 – July 2006        **Post-Doctoral Fellowship, Pharmacoeconomics and Outcome Research**  
Rutgers University, Piscataway, New Jersey
- Spring 2009                    **MBL/NLM Course Fellow, Medical Informatics**  
Marine Biological Laboratory, Woods Hole, Massachusetts  
Sponsored by the National Library of Medicine
- April 2020 - January 2021    **Artificial Intelligence (AI) Campus Phase One**  
Arkansas State University  
Sponsored by Arkansas Research Alliance (ARA)

**FIELDS OF SPECIALIZATION**

Cancer Health Outcome Research, Health Economics, Health Services Research, Biostatistics, Database Analysis

**ACADEMIC POSITIONS**

- July 2012-Present              **Associate Professor**  
Division of Pharmaceutical Evaluation and Policy  
College of Pharmacy, Department of Pharmacy Practice  
University of Arkansas for Medical Sciences  
Little Rock, Arkansas
- November 2006-June 2012     **Assistant Professor**  
Division of Pharmaceutical Evaluation and Policy  
College of Pharmacy, Department of Pharmacy Practice  
University of Arkansas for Medical Sciences  
Little Rock, Arkansas
- February 2007-February 2015 **Associate Investigator**  
Center for Mental Healthcare and Outcomes Research (CeMHOR)  
Central Arkansas Veterans Healthcare System  
North Little Rock, Arkansas
- July 2005 – July 2006         **Post-Doctoral Associate**  
Ernest Mario School of Pharmacy  
Rutgers University

Piscataway, New Jersey

January 2002 – August 2003      **Research Assistant**  
Economics Department  
Indiana University  
Bloomington, Indiana

August 2000 – December 2001      **Associate Instructor**  
Economics Department  
Indiana University  
Bloomington, Indiana

August 1998 – May 2000      **Teaching Assistant**  
Economics Department  
Indiana University  
Bloomington, Indiana

## TEACHING

*UAMS College of Pharmacy, Little Rock, Arkansas*

### Graduate Student Curriculum

- **Course Coordinator**

**PHSC 5383/PSGP 5122: Applied Health Econometrics**, (3 credit hours, Sole Instructor)

Overview of the most commonly used set of econometrics models in health services research using STATA. Advised students on their term papers and abstract submissions of these papers for conference presentations.

Offered:

- Fall 2007: 2 PEP Master Students and 1 COPH Ph.D. Student
- Fall 2009: 2 PEP Master Students and 2 COPH Ph.D. Students
- Fall 2012: 6 PEP Master Students
- Fall 2014: 1 PEP Ph.D. Student
- Fall 2016: 5 PEP Ph.D. Student and 1 Master Student
- Fall 2018: 3 PEP Ph.D. Students and 1 Master Student
- Fall 2020: 3 PEP Ph.D. Students and 1 Master Student
- Fall 2022: 4 PEP Ph.D. Students

**PHSC 5191/PSGP 5109: Pharmaceutical Evaluation and Policy Seminar**, (1 credit hour)

Developed syllabus, identified reading assignments with a theme for attendees, advised students on their presentations of those articles, and invited and coordinated with college seminar coordinators for outside speakers.

Offered:

- Spring 2007: 3 PEP Master Students (“Topics in Econometrics”)
- Fall 2008: 5 PEP Master Students (“Pharmacoepidemiology studies: research design, potential biases and confounding”)
- Fall 2010: 4 PEP Master Students (“Comparative effectiveness studies and Statistical analysis tools”)
- Spring 2012: 5 PEP Mater Students (“Pharmacoepidemiology studies using secondary database”)
- Fall 2013: 3 PEP Ph.D. Students and 1 Master Student (“Systematic Review and Meta-Analysis”)
- Fall 2015: 7 PEP Ph.D. Students and 1 Master student (Presentations)
- Spring 2018: 6 PEP Ph.D. Students and 1 Master student (“Cancer Research”)
- Spring 2020: 6 PEP Ph.D. Students and 1 Master student (“Advanced Methods”)
- Spring 2023 (Co-coordinator): “Bioinformatics”

**Course Instructor: PPHR 5323/PSGP5116: Foundations of Pharmaceutical Evaluation and Policy Research Methods**

### **Lecture on Power Analysis**

Offered:

- Fall 2006: (1 hour)
- Fall 2007: (3 hours)
- Fall 2008: (3 hours)
- Fall 2009: (3 hours)
- Fall 2011: (3 hours)
- Fall 2013: (3 hours)
- Fall 2015: (3 hours)
- Fall 2017: (3 hours)
- Fall 2019: (3 hours)
- Fall 2020: (3 hours)
- Fall 2022: (3 hours)
- Fall 2023 (3 hours)

### **Lecture on Statistical Approaches for Addressing Threats to Validity Non Experimental Designs: Case Studies**

Offered:

- Fall 2019: (3 hours) 3 PhD Students and 1 Master Student

### **Lecture on Sources of Funding and Budgeting for PEP Studies**

Offered:

- Fall 2020: (3 hours) 3 PhD Students
- Fall 2022: (3 hours) 4 PhD Students, 1 Master Student, 1 Other Student
- Fall 2023: (3 hours) 2 PhD students, 2 Master Students

## **Professional Pharm.D. Curriculum**

### **• Course Instructor**

#### **PHPR 7303: Evidence-Based Medicine, Biostatistics, and Pharmacoeconomics (Biostatistics portion).**

Fully responsible for the Biostatistics portion of the course. Developed 7 online learning modules using *SoftChalk*, in-class discussion/exercises sessions using *Turning Points* Technology, and homework assignments using course management software such *Blackboard learn* or *WebCT*; Managing all aspects of Biostatistics portion of the course using course management software. Approximately 100-120 P3 students per class. Since Fall 2011, instructions included distance learning for students at Northwest campus.

Offered:

- Fall 2009 (14/41 hours)
- Fall 2010 (17/45 hours)
- Fall 2011 (16/44 hours)
- Fall 2012 (16/44 hours)
- Fall 2013 (13/40 hours)
- Fall 2014 (11/41 hours)
- Fall 2015 (11/44 hours)
- Fall 2017 (17/51 hours)
- Fall 2018 (19/53 hours)
- Fall 2019 (9/47 hours)
- Fall 2020 (9/47 hours)
- Fall 2021 (9/47 hours)
- Fall 2022 (11/47 hours)
- Fall 2023 (11/47 hours)

#### **PHPR 7102/PSGP 5121 US Healthcare System**

#### **Lecture on Introduction to Health Economics**

Offered:

- Spring 2020 (1.5 hour): P1 Pharmacy Students
- Spring 2021 (2 hour): P1 Pharmacy Students
- Spring 2022 (2 hour): P1 Pharmacy Students
- Spring 2023 (2 hour): P1 Pharmacy Students

#### **PHPR 5642: Evidence-Based Medicine and Pharmacoeconomics**

For transition from Drug Lit course for P2 students to Evidence-Based Medicine course for P3 Students.

Offered:

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

#### **PHPR 4613: Drug Lit/Biostatistics (Part II: Biostatistics)**

Fully responsible for the Biostatistics portion of the course. Independently developed lectures, homework assignments, exams; managed the Biostatistics portion of course using WebCT. Approximately 90-120 P2 students per class.

Offered:

- Spring 2007 (24/48 hours)
- Spring 2008 (24/48 hours)

*Economics Department, Indiana University, Bloomington, Indiana*

#### **Undergraduate Curriculum**

- **Course Coordinator:** Spring 2001, Summer, 2001, Fall 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 student
  - **Statistics for Business and Economics (Intensive Summer Session):** Full teaching responsibility, approximately 25 students
- **Course Instructor (Lab):** Fall 2000
  - **Statistics for Business and Economics:** Taught four groups of students in lab sessions using Excel, average of 40 students each group

#### **MASTER STUDENT THESIS ADVISORY COMMITTEE**

*As Major Advisor*

<b>Ambrish Pandit</b>	<b>Ph.D. Candidate, Defended January 2023</b> <b>Dissertation Title:</b> Disparities in care experiences and their impact on cancer-related treatments and healthcare utilization among older adults living with prostate cancer (SEER-CAHPS-Medicare) <b>Committee Chair</b>
<b>Ruchira Mahashabde</b>	<b>Ph.D. Candidate, Defended August 2023</b> <b>Dissertation Title:</b> Immune check point inhibitors use in non-small cell lung cancer patients 65 years or older with synchronous brain metastasis <b>Committee Chair</b>
<b>Arpit Kashyap</b>	<b>Master Thesis Defended Spring 2013</b> <b>Thesis Title:</b> Antipsychotic Polypharmacy Use in Commercially Insured Pediatric Antipsychotic Users: A Retrospective Cohort Study <b>Committee Chair</b>

As Committee Member

- **PhD Students**

- Anuj Shah**      **Ph.D. Dissertation Defended Summer, 2018**  
**Dissertation Title** – Impact of Medicaid expansion under ACA on inpatient and emergency room utilization and Substance Use Disorder treatment  
**Committee Member (Chair: Bradley Martin)**
- Corey Hayes**      **Ph.D. Dissertation Defended Spring, 2019**  
**Dissertation Title** – Impact of Opioid Dosing Strategies on Pain Scores, Overdoses, Substance Use Disorders, and Healthcare Utilization  
**Committee Member (Chair: Bradley Martin)**
- Niranjian Kathe**      **Ph.D. Dissertation Defended Summer, 2019**  
**Dissertation Title** – Impact of expansion via QHP on the access to care and quality for pre-existing Medicaid patients  
**Committee Member (Chair: Jacob Painter)**
- Divyan A Chopra**      **Ph.D. Dissertation Defended Fall, 2020**  
**Dissertation Title:** Social network analysis of provider networks in Arkansas for management of pain  
**Committee Member (Chair: Bradley Martin)**
- Mahip Acharya**      **Ph.D. Dissertation Defended Spring, 2022**  
**Dissertation Title:** Use trajectories, comparative effectiveness and comparative safety of tramadol  
**Committee Member (Chair: Bradley Martin)**
- Mrinmayee Lakkad**      **Ph.D. Dissertation Defended Spring, 2022**  
**Dissertation Title:** Patient, treatment and economic outcomes of breast cancer survivors with pain  
**Committee Member (Chair: Jacob Painter)**

- **Master Students**

- Robert Conrad**      **Master 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**      **Master 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**      **Master 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**      **Master 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)**
- Shavari Bhurke**      **Master Thesis Defended Spring 2011**

**Thesis Title:** The Effect of Interaction between Clopidogrel and Proton Pump Inhibitors on Adverse Cardiovascular Outcomes in Patients with Acute Coronary Syndrome  
**Committee Member (Chair: Qayyim Said)**

Anand Shewale

**Master Thesis Defended Spring 2014**

**Thesis Title –** Comparison of two atrial fibrillation decision support tools used to guide anticoagulation therapy for patients with nonvalvular atrial fibrillation

**Committee Member (Chair: Bradley Martin)**

Joshua Brown

**Master Thesis Defended Spring 2014**

**Thesis Title -** Comparative effectiveness of inappropriate prescribing criteria – Beers 2003, Beers 2012 and STOPP Criteria – in a large administrative claims database

**Committee Member (Chair: Bradley Martin)**

Denise Hung

**Master Thesis Defended Fall, 2019**

**Thesis Title:** Glucagon-Like-Peptide-1 Receptor Agonist and Basal Insulin Treatment Order and its Association with Time to Combination Treatment, Healthcare Cost, and Utilization for Patients with Type 2 Diabetes

**Committee Member (Chair: Carrie McAdam-Marx)**

Samina A Dhuliawala

**Master Thesis Defended Spring 2021**

**Thesis Title:** Food Insecurity in Children with Intellectual and Developmental Disabilities

**Committee Member (Chair: Nalin Payakachat)**

- **Other Colleges**

Rebecca Pope

College of Public Health Ph.D. Student

**Ph.D. Dissertation Defended on April 25, 2017**

**Dissertation Title:** Use of the Emergency Department and Time Spent Waiting for Treatment: A Health Systems Perspective on Care for Individuals with Mental Illness

**Committee Member (Chair: J Mick Tilford)**

Other Student Project Advising

Sharla Smith

College of Public Health Ph.D. Student

**Project Title:** The provision of specific programmatic services and local public health spending

## RESEARCH

### Refereed Original Research Journal Publications

*\* Indicates Senior/Corresponding Author*

73. Schootman M, Li C, Ying J, Orcutt ST, Laryea J. Maximizing Readmission Reduction in Colon Cancer Patients. *J Surg Res.* 2023 Dec 13;295:587-596. doi: 10.1016/j.jss.2023.11.047. Epub ahead of print. PMID: 38096772.

72. Acharya M, Hayes C, Li C, Painter JT, Dayer LE, Martin BC. Opioid therapy trajectories of patients with chronic non-cancer pain over one year of follow-up after initiating short-acting opioid formulations. *Pain Medicine*, in press. Accepted 11/9, 2023.

71. Pandit AA, Halpern MT, Gressler LE, Kamel M, Payakachat N, Li C. Association of race/ethnicity and patient care experiences with receipt of definitive treatment among prostate cancer survivors: a SEER-CAHPS study. *Cancer Causes Control.* 2023 Nov 25. doi: 10.1007/s10552-023-01834-4. Epub ahead of print. PMID: 38001335.

70. Prince L, **Li C**, McSweeney JC, Rojo MO, Prince LY, Li C, McSweeney JC. Heart Disease Knowledge and Awareness in African American and Hispanic Women. *South Med J*. 2023 Oct;116(10):783-789. doi: 10.14423/SMJ.0000000000001610. PMID: 37788811; PMCID: PMC10558080.
69. Dhuliawala S, Payakachat N, Painter JT, Swindle T, Li C. Food Insecurity and Health Outcomes of Children With Intellectual and Developmental Disabilities in the United States. *Am J Intellect Dev Disabil*. 2023 Nov 1;128(6):462-480. doi: 10.1352/1944-7558-128.6.462. PMID: 37875275.
68. Landes RD, Li C, Sridharan V, Bergom C, Boerma M. A pooled analysis of nine studies in one institution to assess effects of whole heart irradiation in rat models. *Int J Radiat Biol*. 2023 Aug 21:1-9. doi: 10.1080/09553002.2023.2242937. Epub ahead of print. PMID: 37603396.
67. Mahashabde R, Bhatti SA, Martin BC, Painter JT, Rodriguez A, Ying J, Li C. Real-World Survival of First-Line Immune Checkpoint Inhibitor Treatment Versus Chemotherapy in Older Patients With Non-Small-Cell Lung Cancer and Synchronous Brain Metastases. *JCO Oncol Pract*. 2023 Sep 20:OP2300042. doi: 10.1200/OP.23.00042. Epub ahead of print. PMID: 37729600.
66. Lakkad M, Martin B, Li C, Harrington S, Dayer L, Painter JT. Factors Associated With Guideline-Concordant Pharmacological Treatment for Neuropathic Pain Among Breast Cancer Survivors. *Clin Breast Cancer*. 2023 Aug;23(6):598-619. doi: 10.1016/j.clbc.2023.05.002. Epub 2023 May 18. PMID: 37328334. **(Corresponding and senior author)**.
65. Pandit AA, Gressler LE, Halpern MT, Kamel M, Payakachat N, **Li C\***. Differences in racial/ethnic disparities in patient care experiences between prostate cancer survivors and males without cancer: A SEER-CAHPS study. *J Geriatr Oncol*. 2023 Jun 13;14(6):101554. doi: 10.1016/j.jgo.2023.101554. Epub ahead of print. PMID: 37320932. **(Corresponding and senior author)**.
64. Pandit AA, Patil NN, Mostafa M, Kamel M, Halpern MT, **Li C\***. Rural-Urban Disparities in Patient Care Experiences among Prostate Cancer Survivors: A SEER-CAHPS Study. *Cancers (Basel)*. 2023 Mar 23;15(7):1939. doi: 10.3390/cancers15071939. PMID: 37046601; PMCID: PMC10093298. **(Corresponding and senior author)**.
63. Lakkad M, Martin B, **Li C**, Harrington S, Dayer L, Painter JT. The use of gabapentinoids and opioids and risk of developing opioid-induced respiratory depression among older breast cancer survivors with neuropathic pain. *J Cancer Surviv*. 2023 Feb 8. doi: 10.1007/s11764-023-01338-9. Epub ahead of print. PMID: 36753003.
62. Acharya M, Hayes CJ, Li C, Painter JT, Dayer L, Martin BC. Comparative Study of Opioid Initiation With Tramadol, Short-acting Hydrocodone, or Short-acting Oxycodone on Opioid-related Adverse Outcomes Among Chronic Noncancer Pain Patients. *Clin J Pain*. 2023 Mar 1;39(3):107-118. doi: 10.1097/AJP.0000000000001093. PMID: 36728675; PMCID: PMC10210068.
61. Choi A, Dayer LE, **Li C**, Stafford RA, Dunn EB. Prior Pharmacy Work Experience as a Predictor of Clinical and Didactic Performance for Admissions Committees. *Am J Pharm Educ*. 2023 May;87(5):100053. doi: 10.1016/j.ajpe.2022.12.010. Epub 2023 Mar 15. PMID: 37288688.
60. **Li C**, Malapati SJ, Guire JT, Hutchins LF. Consistency Between State's Cancer Registry and All-Payer Claims Database in Documented Radiation Therapy Among Patients Who Received Breast Conservative Surgery. *JCO Clin Cancer Inform*. 2023 Jan;7:e2200099. doi: 10.1200/CCI.22.00099. PMID: 36724402.

- 2022

59. Lakkad M, Martin B, **Li C**, Harrington S, Dayer L, Painter JT. Healthcare costs and utilization associated with pain among breast cancer survivors: a propensity score matched cohort study using SEER-Medicare data. *J Cancer Surviv*. 2022 Nov 12. doi: 10.1007/s11764-022-01282-0. Epub ahead of print. PMID: 36369622.
58. Patel MA, Bimali M, **Li C**, Kesaria A, Xia F. The effect of anticonvulsants on survival among patients with GBM brain tumors undergoing radiation: A SEER-Medicare analysis. *J Clin Neurosci*. 2022 Oct 17;106:32-36. doi: 10.1016/j.jocn.2022.09.019. Epub ahead of print. PMID: 36265362.

57. Pandit AA, Gressler LE, Halpern MT, Kamel M, Payakachat N, **Li C\***. Racial/Ethnic Disparities in Patient Care Experiences among Prostate Cancer Survivors: A SEER-CAHPS Study. *Curr Oncol*. 2022 Nov 1;29(11):8357-8373. doi: 10.3390/curroncol29110659. PMID: 36354719; PMCID: PMC9689524. (**Corresponding and senior author**).

56. Acharya M, Hayes CJ, **Li C**, Painter JT, Dayer L, Martin BC. Development of a potential opioid misuse measure from administrative dispensing data and contrasting opioid misuse among individuals on long-term tramadol, long-term short-acting hydrocodone or long-term short-acting oxycodone therapy in Arkansas. *Curr Med Res Opin*. 2022 Aug 28:1-11. doi: 10.1080/03007995.2022.2112874. Epub ahead of print. PMID: 36000252.

55. Pandit A. **Li C\*** Types of usual sources of care and their association with healthcare outcomes among cancer survivors: a Medical Expenditure Panel Survey (MEPS) study. *J Cancer Surviv*. 2022 Jun 10. doi: 10.1007/s11764-022-01221-z. Epub ahead of print. PMID: 35687273. (**Corresponding and senior author**).

54. ElHassan NO, Hall RW, Thomas BR, Palmer TW, Kaiser JR, **Li C\***. Anxiety, Depression, and Behavioral and/or Conduct Disorder in Adolescence Among Former Preterm and Term Infants of Different Race and Ethnicities. *J Racial Ethn Health Disparities*. 2022 May 16. doi: 10.1007/s40615-022-01323-5. Epub ahead of print. PMID: 35578153. (**Senior author**)

53. **Li C**, Bhatti SA, Ying J. Immune Checkpoint Inhibitors-Associated Cardiotoxicity. *Cancers (Basel)*. 2022 Feb 23;14(5):1145. doi: 10.3390/cancers14051145. PMID: 35267453; PMCID: PMC8909315. (**Corresponding**)

- 2021

52. **Li C\***, Najarian M, Halpern M. Impact of Medicaid Expansion and State-Level Racial Diversity on Breast Cancer Endocrine Therapy Prescriptions. (**Corresponding author**) *Journal of Cancer Policy*, March 2022; 31. Volume 31, 1000317. <https://doi.org/10.1016/j.jcpc.2021.100317>.

51. Hayes CJ, Krebs EE, Brown J, **Li C**, Hudson T, Martin BC. Impact of transitioning from long-term to intermittent opioid therapy on the development of opioid-related adverse outcomes: A retrospective cohort study. *Drug Alcohol Depend*. 2022 Feb 1;231:109236. doi: 10.1016/j.drugalcdep.2021.109236. Epub 2021 Dec 24. PMID: 34974270..

50. Mahashabde R, **Li C\***. Nonelderly Adult Cancer Survivors in High Deductible Health Plan: Healthcare Expenditure, Utilization and Access. *Healthcare (Basel)*. 2021 Aug 24;9(9):1090. doi: 10.3390/healthcare9091090. PMID: 34574864; PMCID: PMC8470928. (**Corresponding and senior author**)

49. Acharya M, Kim T, **Li C\***. Broad-Spectrum Antibiotic Use and Disease Progression in Early-Stage Melanoma Patients: A Retrospective Cohort Study. *Cancers (Basel)*. 2021 Aug 29;13(17):4367. doi: 10.3390/cancers13174367. PMID: 34503177; PMCID: PMC8431240. (**Corresponding and senior author**)

48. Chopra D, **Li C**, Painter JT, Bona JP, Nookaew I, Martin BC. Characteristics and Network Influence of Providers Involved in the Treatment of Patients with Chronic Back, Neck or Joint Pain in Arkansas. *J Pain*. 2021 Jun 23;S1526-5900(21)00246-7. doi: 10.1016/j.jpain.2021.06.002. Epub ahead of print. PMID: 34174385.

47. Hayes CJ, Krebs EE, Brown J, **Li C**, Hudson T, Martin BC. Association Between Pain Intensity and Discontinuing Opioid Therapy or Transitioning to Intermittent Opioid Therapy After Initial Long-Term Opioid Therapy: A Retrospective Cohort Study. *J Pain*. 2021 Dec;22(12):1709-1721. doi: 10.1016/j.jpain.2021.05.008. Epub 2021 Jun 27. PMID: 34186177.

- 2020

46. Flannery AH, Hammond DA, Oyler DR, **Li C**, Wong A, Smith AP, Yeo QM, Chaney W, Pfaff CE, Plewa-Rusiecki AM, Juang P. Vancomycin Dosing Practices Among Critical Care Pharmacists: A Survey of Society of Critical Care Medicine Pharmacists. *Infectious Diseases*. 2020; 13: 1178633720952078. Published online 2020 Sep 25. doi: 10.1177/1178633720952078

45. **Li C\***, Narcisse MR, McElfish PA. Medical financial hardship reported by Native Hawaiian and Pacific Islander cancer survivors compared with non-Hispanic whites. *Cancer*. 2020; 126: 2900-2914. (**Corresponding author**)



44. Patel M, **Li C**, Aronson JH, Howie CM, Maraboyina S, Prabhu AV, Kim T. The effect of post mastectomy radiation therapy on survival in breast cancer patients with N1mic disease. *Breast*. 2020 Jun;51:50-56. doi: 10.1016/j.breast.2020.02.009. Epub 2020 Mar 6. PMID: 32213441; PMCID: PMC7375567.

43. Nalleballe K, Sheng S, **Li C**, Mahashabde R, Annapureddy AR, Mudassar K, Pothineni K, Veerapaneni P, Harada Y, Chilkulwar Abhishek, Ranabothu S, Brown A, Kapoor N, Onteddu S. Industry Payment to Vascular Neurologists A 6-Year Analysis of the Open Payments Program From 2013 Through 2018. *Stroke*, 2020; 51(4): 1339–1343. Originally published 12 Feb 2020 <https://doi.org/10.1161/STROKEAHA.119.027967>

- 2019

42. Hayes CJ, Krebs E, Hudson TJ, Brown J, **Li C**, Bradley MC. Martin. Impact of opioid dose escalation on pain intensity: a retrospective cohort study. *Pain*. 2020 May;161(5):979-988. doi: 10.1097/j.pain.0000000000001784.

41. Hayes CJ, Krebs E, Hudson TJ, Brown J, **Li C**, Bradley MC. Impact of Opioid Dose Escalation on the Development of Substance Use Disorders, Accidents, Self-Inflicted Injuries, Opioid Overdoses, and Alcohol and Non-Opioid Drug-Related Overdoses: A Retrospective Cohort Study. *Addiction*. 2020 Jan 15. doi: 10.1111/add.14940. [Epub ahead of print]

40. Goudie A, Bradley M, **Li C**, Kathe N, Wilson C, Han X, Thomas JW, Lewis K. Higher Rates of Preventive Health Care among Commercially Insured Compared to Medicaid: Findings from the Arkansas Health Care Independence 'Private Option' Program. *Med Care*. 2020 Feb;58(2): 120-127. doi: 10.1097/MLR.0000000000001248.

39. Bhandari NR and **Li C\***. Impact of the Affordable Care Act's Elimination of Cost-sharing Provision on the Guideline-recommended Cancer Preventive Screenings in the United States. *Healthcare* 2019, 7, 36; doi:10.3390/healthcare7010036. : <https://www.mdpi.com/2227-9032/7/1/36/pdf>

38. Tully AP, Hammond DA, **Li C**, Jarrell AS, Krueger RM. Evaluation of medication errors at the transition of care from an ICU to non-ICU location. *Crit Care Med*. 2019 Apr;47(4):543-549. doi: 10.1097/CCM.0000000000003633.

- 2018

37. Yeo QM, Hammond DA, **Li C**, Olsen KM. Impact of chronic hypertension on time to goal mean arterial pressure and clinical outcomes in critically ill patients with septic shock requiring vasopressors. *J Crit Care*, 2019 Feb;49:143-148. doi: 10.1016/j.jcrc.2018.10.024. Epub 2018 Oct 30.

36. Robertson A, **Li C**, Hammond D, Dickey TA. Incidence of acute kidney injury among patients receiving the combination of vancomycin with piperacillin-tazobactam or meropenem. *Pharmacotherapy*. 2018 Dec;38(12):1184-1193. doi: 10.1002/phar.2179. Epub 2018 Oct 3. <https://onlinelibrary.wiley.com/doi/abs/10.1002/phar.2179>

35. Hayes C, Payakachat N, **Li C\***. Evaluation of opioid use among patients with back disorders and arthritis. *Quality of Life Research*. 2018 Nov;27(11):3021-3035. doi: 10.1007/s11136-018-1941-1. Epub 2018 Jul 23. <https://doi.org/10.1007/s11136-018-1941-1>. (**Corresponding and senior author**)

34. Kashyap A, Martin BC, Mittal D, Li C. Metabolic adverse events associated with antipsychotic polypharmacy versus monotherapy among new pediatric users. *A Epidemiol Public Health*. 2018; 1: 1003. (**Corresponding and senior author**)

33. Matthews, EE, **Li C**, Long CR, Jean-louis MN, Martin B, Mcelfish PA. Sleep Deficiency among Native Hawaiian/Pacific Islander, Black, and White Americans and the Association with Cardiometabolic Diseases: Analysis of the National Health Interview Survey. *Sleep Health*. 2018 Jun; 4(3): 273-283. doi: 10.1016/j.sleh.2018.01.004. Epub 2018 Apr 12.

32. Hayes C, Li X, **Li C**, Shah A, Kathe N, Bhandari N, Payakachat N. Health-Related Quality of Life among Chronic Opioid Users, Non-Chronic Opioid Users, and Non-Opioid Users with Chronic Noncancer Pain. *Health Serv Res*. 2018 Feb 25. doi: 10.1111/1475-6773.12836. [Epub ahead of print].

- 2017

31. Casciano J, Krishnan J, Dotiwala Z, **Li C**, Sun SX. Clinical and Economic Burden of Elevated Blood Eosinophils in Patients With and Without Uncontrolled Asthma. *J Manag Care Spec Pharm*. 2017 Jan;23(1):85-91. doi: 10.18553/jmcp.2017.23.1.85.
30. Casciano J, Krishnan J, Small MB, **Li C**, Dotiwala Z, Martin BC. Progression to Uncontrolled Severe Asthma: A Novel Risk Equation. *J Manag Care Spec Pharm*. 2017 Jan;23(1):44-50. doi: 10.18553/jmcp.2017.23.1.44.
29. Hammond DA, Smith MN, **Li C**, Hayes SM, Lusardi K, Bookstaver PB. Systematic Review and Meta-Analysis of Acute Kidney Injury Associated with Concomitant Vancomycin and Piperacillin/tazobactam. *Clin Infect Dis*. 2017 Mar 1;64(5):666-674. Epub 2016 Dec 10. Review.
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- 2014

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- 2012

8. Bhurke S, Martin BC, **Li C**, Franks AM, Bursac Z, Said Q. The effect of interaction between clopidogrel and proton pump inhibitors on adverse cardiovascular outcomes in patients with acute coronary syndrome. *Pharmacotherapy*, September 2012; 32(9): 809-818.

7. **Li C\***, Dresler CM. Medicaid Coverage and Utilization of Covered Tobacco-Cessation Treatments The Arkansas Experience. *American Journal of Preventive Medicine*, June 2012; 42(6):588-95. (**Corresponding author**)

6. Kashyap A, **Li C\***. Trend in utilization of management strategies for newly diagnosed atrial fibrillation patients in US: 1999 – 2008. *Journal of Pharmacy Practice*, April 2012; 25(2): 151-159. (**Corresponding and Senior author**)

- 2011

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2. **Li C\***, West-Strum D. Patient panel of underserved populations and adoption of electronic medical record systems by office-based physicians. *Health Services Research*. 2010 Aug; 45(4): 963-84. (**Corresponding author**)

1. Deb P, **Li C**, Trivedi PK, Zimmer DM. The effect of managed care on use of health care services: Results from two contemporaneous household surveys. *Health Economics*, 2006 July; 15(7): 743-760.

### Book Chapter

**Li C**. Chapter 19: Evaluating Observational Studies, in Principles of Research Design and Drug Literature Evaluation (Edited by RR Aparasu & JP Bentley) (Publish date: 3/14/2014. <http://www.jblearning.com/catalog/9781284038798/>)

**Li C**, Said Q. Survival Analysis. In Section 5: Statistical Adjustments/Approaches Edited by Joel Hay. in *Reliability and Validity of Data Sources for Outcomes Research & Disease and Health Management*. Esposito D, ed. *Reliability and Validity of Data Sources For Outcomes Research & Disease And Health Management Programs*. Lawrenceville, NJ: ISPOR, May, 2013.

**Li C**. Chapter 5: Overview of Statistical Analysis in Biomedical Research. In *Understanding Health Outcomes and Pharmacoeconomics* Edited by MacKinnon GE. Jones & Bartlett Learning, Burlington, MA. September, 2011.

### Other Publications

Tilford M, **Li C**, Smith S. The Economic Cost of Health Inequalities in Arkansas. Report to Arkansas Minority Health Commission. April 2014. <http://arminorityhealth.com/wp-content/uploads/2015/03/EconomicCost-HealthInequalitiesArkansas2014.pdf>

### PRESENTATIONS

#### International and National Conferences Presentation (Reviewed)

#### • 2023

Pandit AA, **Li C**. Association of Race/Ethnicity and Patient Care Experiences with Receipt of Definitive Treatment Among Prostate Cancer Survivors: A SEER-CAHPS Study. Submitted to 2023 International Society of Pharmaceutical Outcome Research (ISPOR) Annual Meeting, May 7 - 10, 2023.

#### • 2022

**Li C**, Malapati SJ, Hutchins LF. Reporting consistency in radiation therapy after breast conservative surgery between Arkansas Cancer Registry and all payers claims database. *Journal of Clinical Oncology* 2022 40:16\_suppl, e18685-e18685 Reentry paper 1 (Consistency): Abstract was published in online ASCO annual conference proceedings. (e18685) [https://ascopubs.org/doi/abs/10.1200/JCO.2022.40.16\\_suppl.e18685](https://ascopubs.org/doi/abs/10.1200/JCO.2022.40.16_suppl.e18685)

Pandit A, **Li C**. Types of Usual Source of Care and Their Association with Healthcare Outcomes Among Cancer Survivors: A Medical Expenditure Panel Survey (MEPS) Study. *Value in Health*, 25(7): suppl s310, July 01, 2022. (CO34) DOI: <https://doi.org/10.1016/j.jval.2022.04.132>. 2022 ISPOR Annual Meeting, May 15-18, 2022. (Poster, virtual)

Pandit A, **Li C**. Racial/ethnic disparities in patient care experiences among prostate cancer survivors: A SEER-CAHPS study. *Journal of Clinical Oncology* 40, no. 28\_suppl (October 01, 2022) 291-291. Published online September 30, 2022. DOI: 10.1200/JCO.2022.40.28\_suppl.291 Racial/ethnic disparities in patient care experiences among prostate cancer survivors: A SEER-CAHPS study. | *Journal of Clinical Oncology* (ascopubs.org) ASCO Quality Care Symposium, September 30, 2022. (Poster, virtual)

Pandit A, Kamel M, Haj-Hamed M, Patil N, Shabana W, **Li C**. Rural-Urban disparities in patient care experiences among definitively treated prostate cancer survivors, 77th Annual Meeting of the Canadian Urological Association, June 26, 2022. Poster Session 8: Endourology, Renal Transplant. (Poster)

Mahashabde RV, Bhatti SA, Martin BC, Painter JT, Rodriguez A, **Li C**. Real World Survival of First-line Immune Checkpoint Inhibitor Treatment vs. Chemotherapy in Elderly Patients with Non-Small Cell Lung Cancer and

Synchronous Brain Metastases. 2022 Southern Pharmacy Administration Conference (SPAC), Huston, Texas, on June 26, 2020. (Podium, best podium presentation award). Winthrop P. Rockefeller Cancer Institute 2nd Annual Scientific Research Retreat, Little Rock, Arkansas, May 26, 2022. (Poster). Also presented to UAMS College of Pharmacy Summer Camp, June 18, 2022 (2nd place award)

- **2021**

El-Hassan NO, Hall R, Thomas BR, **Li C\***. Emotional and Behavioral Problems among Former Preterm and Term Infants of Different Races. Phase: PAS 2021 Virtual Meeting: Phase I. Session: Health Equity/Social Determinants of Health: e-Posters–Mental Health. April 30 to May 4, 2021. (Virtual) (e-Poster)

- **2019**

Patel M, **Li C**, Maraboyina S, Cole H, Kim T. The Effect of Post Mastectomy Radiation Therapy on Survival in Breast Cancer Patients with N1mic Disease. American Society for Radiation Oncology (ASTRO) 16<sup>th</sup> Annual Meeting. September 15-18, 2019. (Poster #: 2068)

Hayes, CJ, Krebs EE, Hudson TJ, Brown J, **Li C**, Martin BC (2019). Impact of Opioid Dose Escalation on the Development of Substance Use Disorders and Other Adverse Outcomes: A Retrospective Cohort Study. A Poster Presented at the International Society for Pharmacoeconomics and Outcomes Research International Meeting. New Orleans, LA, USA. May 21, 2019. (Poster)

Hung D., **Li C\*** (2019). The Association between Post-Thyroidectomy Serum Triiodothyronine-to-Thyroxine Ratio (T3/T4) and Incidence of Metabolic Syndrome Conditions. A Poster Presented at the International Society for Pharmacoeconomics and Outcomes Research International Meeting. New Orleans, LA, USA. May 20, 2019. (Poster)

Van Enk AM, **Li C\*** (2019). Treatment-related cardiotoxicity associated with Immune checkpoint inhibitors (ICI): Pooled analysis of case reports and case series. AAHSP 53<sup>rd</sup> Annual Fall Seminar, September 20, 2019. Little Rock, AR. (Poster)

- **2018**

**Li C**, Khan N. Patient satisfaction with health care and its association with health care utilization among patients with rheumatoid arthritis (RA). 2028 Joint Statistical Meetings, Vancouver, British Columbia, Canada; July 31, 2018 (Activity # 305)

Chopra D, Bhandari NR, Kathe N, Moore G, Lewis K, **Li C**, Thompson JW, Goudie A, and Martin BC Differences in Antidepressant Medication Management between Commercially Insured And Traditional Medicaid For Low Income Adults In Arkansas. A Poster Presented at the International Society for Pharmacoeconomics and Outcomes Research International Meeting. Baltimore, MD, USA. May 22, 2018. (PMH63).

Bhandari NR and **Li C**. Impact of the Affordable Care Act (ACA)'s Elimination of Cost-sharing Provision on the Guideline-recommended Cancer Preventive Screenings in the United States. A Poster Presented at the International Society for Pharmacoeconomics and Outcomes Research International Meeting. Baltimore, MD, USA. May 21, 2018. (Value in Health, 21 (Suppl 1)).

Bhandari NR, Chopra D, Kathe N, Moore G, Lewis K, **Li C**, Goudie A, and Martin BC. Contrasting Utilization of Inpatient Hospitalizations and Emergency Department Visits Between Medicaid And Commercially Insured Arkansans. A Poster Presented at the International Society for Pharmacoeconomics and Outcomes Research International Meeting. Baltimore, MD, USA. May 21, 2018. (Value in Health, 21 (Suppl 1)).

Kathe N, Chopra D, Bhandari NR, Moore G, Lewis K, **Li C**, Goudie A, and Martin BC. EXAMINING THE IMPACT OF ARKANSAS MEDICAID EXPANSION THROUGH PREMIUM PURCHASE ON UTILIZATION OF PREVENTATIVE SCREENING SERVICES. A Poster Presented at the International Society for Pharmacoeconomics and Outcomes Research International Meeting. Baltimore, MD, USA. May 21, 2018. (PHP67).

Kathe N, Bhandari NR, Chopra D, Moore G, Lewis K, **Li C**, Goudie A, and Martin BC. IMPACT OF ARKANSAS MEDICAID EXPANSION THROUGH PREMIUM PURCHASE ON THE UTILIZATION AND ACCESS TO PRENATAL VISITS. A Poster Presented at the International Society for Pharmacoeconomics and Outcomes Research International Meeting. Baltimore, MD, USA. May 21, 2018. (PIH42).

- **2017**

Tully AP, Jarrell A, Hammond DA, **Li C**, Krueger R. Evaluation of medication errors at the transition of care from an ICU to a non-ICU location. (Star Research Award: 13) Society of Critical Care Medicine Annual Congress. San Antonio, TX. January 25, 2018.

Rech MA, Hammond DA, Holzhausen JM, Horng M, Peppard S, Sokol SS, **Li C**, Van Berkel MA, SCCM-CPP Section. International survey of thrombolytic use for treatment of pulmonary embolism. (Platform number: XX) Society of Critical Care Medicine Annual Congress. San Antonio, TX. January 2018.

Rech MA, Hammond DA, Holzhausen JM, Horng M, Peppard S, Sokol SS, **Li C**, Van Berkel MA, SCCM-CPP Section. International survey of thrombolytic use for treatment of pulmonary embolism: physician/pharmacist perceptions. (Platform number: XX) Society of Critical Care Medicine Annual Congress. San Antonio, TX. January 2018.

Flannery A, Hammond DA, Oyler D, **Li C**, Wong A, Smith A, Juang P, SCCM-CPP Section. Vancomycin dosing practices among critical care pharmacists: a survey of SCCM pharmacists. (Platform number: 603) Society of Critical Care Medicine Annual Congress. San Antonio, TX. January 2018.

Yeo QM, **Li C**, Olsen K, Hammond DA. Impact of chronic hypertension on time to goal mean arterial pressure and clinical outcomes in critically ill patients with septic shock requiring vasopressors. European Society of Intensive Care Medicine LIVES Conference. Vienna, Austria, September 27, 2017.

Kathe NJ, Bhandari NR, Chopra DA, Moore G, **Li C**, Goudie A, Martin BC. CONTRASTING NON-EMERGENT CARE DELIVERED IN EMERGENCY DEPARTMENTS AND URGENT CARE CENTERS TO ARKANSAS MEDICAID AND PRIVATE OPTION ENROLLEES (PHP86, D13), ISPOR 22nd Annual International Meeting May 20-24, 2017; Boston, MA, USA

Chopra DA, Bhandari NR, Kathe N, Shah AB, Moore G, **Li C**, Thompson J, Martin BC. DIFFERENCES IN OPIOID UTILIZATION BETWEEN COMMERCIALLY INSURED AND TRADITIONAL MEDICAID FOR LOW INCOME ADULTS. (PSY115, O14) ISPOR 22nd Annual International Meeting May 20-24, 2017; Boston, MA, USA

Capps N, **Li C**, Matthews E, Tsai P. (2017). Secondhand smoke and cervical cancer: Feasibility analysis of NHANES data. Evidence-Based Practice Forum 2017: Translating Research into Practice, Little Rock, AR, November 9, 2017.

- **2016**

Shah A.B., Kathe N., Moore G., **Li C.**, Said Q., Goudie A., Thompson J., Martin B.C. Determining the feasibility of using a regression discontinuity approach to compare inpatient utilization between medicaid fee for service and commercially obtained coverage in the aca medicaid expansion population. International Society for Pharmacoeconomics and Outcomes Research International Meeting. Washington, DC, USA. May 25, 2016. (Value in Health, 19 (3), A260).

Martin BC, Shah AB, Kathe N, Moore G, **Li C**, Said Q, Goudie A, Thompson J. Determining The Feasibility of Using a Regression Discontinuity Approach to Compare Emergency Room Utilization Between Medicaid Fee-For-Service And Commercially Obtained Coverage In The ACA Medicaid Expansion Population. International Society for Pharmacoeconomics and Outcomes Research International Meeting. Washington, DC, USA. May 25, 2016. (Value in Health, 19 (3), A260).

Swanson J, Shafeeq H, Hammond DA, **Li C**, Devlin J, CPP Section. Critical care pharmacy resident research publication: residency directors perceptions and practices. (Poster number: 221) Society of Critical Care Medicine Annual Congress. Orlando, FL, February 20, 2016.

Shafeeq H, Hammond DA, Swanson J, **Li C**, Devlin J, CCP Section. Critical care pharmacy resident research publication: practices and perceptions of graduates. (Poster number: 225) Society of Critical Care Medicine Annual Congress. Orlando, FL, February 20, 2016.

- **2015**

Kashyap A, Martin BC, Mittal D, **Li C\***. Predictors of Antipsychotic Polypharmacy Use Among the Pediatric Antipsychotic Users. 2015 Annual Research Meeting in Minneapolis, June 14-16, Minneapolis, MN. (Poster Presentation)

Casciano J, Krishnan J, Buatti-Small M, **Li C**, Dotiwala Z. Cost-consequence of eosinophilic asthma among patients treated according to ers/ats guidelines. ISPOR 20<sup>th</sup> Annual International Meeting, Philadelphia, PA. May 16-20, 2015. (Poster presentation)

Shah AB, **Li C\***. Access to a medical home and its impact on healthcare utilization and medical expenditure amongst cancer survivors. ISPOR 20<sup>th</sup> Annual International Meeting, Philadelphia, PA. May 16-20, 2015. (Poster Presentation)

- **2014**

Casciano J, Small M, Krishnan J, Bajpai S, **Li C**, Dotiwala Z. The association of blood eosinophil levels and severe asthma defined by new Guidelines. Annual Scientific Meeting of American College of Allergy, Asthma & Immunology, November 6-10, 2014, Atlanta, GA. (Poster presentation)

**Li C**. Comparison of Chronic Disease Burden of Chinese in US and in China: Findings from Two Large Nationally Representative Surveys in US and China, ISPE's 30<sup>TH</sup> Anniversary International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE), October 24-27, 2014, Taipei, Taiwan. (Podium Presentation)

**Li C**, Li C. Mental Health Needs and Care Utilization by Cancer Type and Time Since Diagnosis in the U.S. 2014 AcademyHealth Annual Research Meeting, June 8-10. San Diego, CA. (Podium Presentation)

Brown J, Painter J, **Li C**, Hutchison L, Martin B. Adverse Drug Events in the Elderly Occurring in Emergency, Inpatient, and Outpatient Departments in an Administrative Claims Database. Poster presented at the 2014 International ISPOR Meeting in Montreal, Canada, May 31-June 4, 2014. Value in Health 17 (3): A155. Podium presentation at the 2014 Southern Pharmacy Administration Conference in Oklahoma City, OK, June 20-22, 2014.

Shewale AR, Nelsen Da, Johnson Jt, **Li C**, Martin BC. Comparison of the guidelines and decision tool recommendations for oral anticoagulant use among patients with atrial fibrillation. 19th ISPOR Annual International Meeting. May 31-June 4, Montreal, Qc, Canada. (Poster Presentation)

Shewale AR, Nelsen DA, Johnson JT, **Li C**, Martin BC. Comparison of atrial fibrillation decision support tools and guidelines used to guide anticoagulation therapy for patients with nonvalvular atrial fibrillation. 19th Ispor Annual International Meeting. May 31-June 4, Montreal, Qc, Canada. (Poster Presentation)

Shewale AR, Nelsen DA, Johnson JT, **Li C**, Martin BC. Net clinical benefit of the 2014 AHA/ACC/HRS Guideline used to guide anticoagulation therapy for patients with Nonvalvular Atrial Fibrillation. An abstract submitted to the Southern Pharmacy Administration Conference (SPAC). Oklahoma City, OK. June 20-22, 2014.

- **2013**

Casciano J, Dotiwala Z, Kemp R, **Li C**, Cai J, Preblich R. The Clinical and Economic Burden of Recurrent Venous Thromboembolism. An Inpatient Perspective. American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition, December 7-11, 2013, Orlando, Florida. (Poster presentation)

Casciano J, Krishnan J, Small MB, Buck PO, Gopalan G, **Li C**, Kemp R, Dotiwala Z. Economic and Clinical Burden of Severe Asthma in Patients with Elevated Blood Eosinophil Levels. Annual American College of Allergy, Asthma, and Immunology Annual Scientific Meeting, Baltimore, Maryland; Nov 7-11, 2013. (Poster Presentation)

Casciano J, Krishnan J, Small MB, Buck PO, Gopalan G, **Li C**, Kemp R, Dotiwala Z. The Association of Blood Eosinophil Levels and Asthma Severity in the Midwestern United States. Annual American College of Allergy, Asthma, and Immunology Annual Scientific Meeting, Baltimore, Maryland; Nov 7-11, 2013. (Poster Presentation)

Potukuchi, PK, **Li C\***. National trends in psychotropic medications use among children with attention deficit hyperactivity disorder (ADHD) in the United States. The 18th Annual International Meeting of International Society for Pharmacoconomics and Outcomes Research (ISPOR), New Orleans, LA; May 18-22, 2013. (Poster presentation)

Majercak K, **Li C\***. Impact of Medicare Part D: comparison of health care expenditures and utilization for Medicare patients with diabetes. The 18th Annual International Meeting of International Society for Pharmacoeconomics and Outcomes Research (ISPOR), New Orleans, LA; May 18-22, 2013. (Poster presentation)

Anderson P, **Li C\***. The impact of uninsurance duration on prescription drug and emergency department utilization. The 18th Annual International Meeting of International Society for Pharmacoeconomics and Outcomes Research (ISPOR), New Orleans, LA; May 18-22, 2013. (Poster presentation)

Shewale A, **Li C\***. Impact of smoking cessation agents on the mental health status. The 18th Annual International Meeting of International Society for Pharmacoeconomics and Outcomes Research (ISPOR), New Orleans, LA; May 18-22, 2013. (Poster presentation)

Doshi P, **Li C\***. Comparison of service utilization and associated expenditures between publicly and privately insured children with ASDs. The 18th Annual International Meeting of International Society for Pharmacoeconomics and Outcomes Research (ISPOR), New Orleans, LA; May 18-22, 2013. (Poster presentation)

Brown J, **Li C\***. Factors associated with online pharmacy use in a nationally representative sample. The 18th Annual International Meeting of International Society for Pharmacoeconomics and Outcomes Research (ISPOR), New Orleans, LA; May 18-22, 2013. (Poster presentation)

\* *As major advisor*

#### • 2012

**Li C**, Hudson T, Chen GQ. Prior pneumococcal vaccination and hospitalization for community-acquired pneumonia in elderly veteran. 28th International Conference on Pharmacoepidemiology and Therapeutic Risk Management, August 23-26, Barcelona, Spain. (Poster presentation)

Li C, **Li C**, Forsythe L, Lerro C, Soni A. Mental Health Services Utilization and Expenditure among Cancer Survivors in the United States. 2012 AcademyHealth Annual Research Meeting, June 24-26, 2012, Orlando, FL. (Poster presentation)

Viverito KM, Owen RR, Mittal D, **Li C**, Williams JS. Do Veterans Prescribed Antipsychotics Receive Recommended Monitoring for Metabolic Side Effects? 2012 HSR&D/QUERI National Conference, July 16-19, 2012, Washington DC. (Podium presentation)

Mittal D, Williams S, **Li C**, Viverito K, Owen RR. Do Outpatients with Dementia or Delirium Receive Recommended Monitoring for Metabolic Side Effects When Prescribed Antipsychotics? 2012 American Association for Geriatric Psychiatry Annual Meeting, March 16-19, 2012, Washington DC. (Poster presentation)

Mittal D, Owen RR, **Li C**, Williams S, Viverito K. Rates of Monitoring for Metabolic Side Effects of Antipsychotics at 32 VA Medical Centers. 165th American Psychiatrist Associated Annual Meeting, May 5-9, 2012, Philadelphia, PA. (Poster presentation)

Owen RR, Mittal D, **Li C**, Williams S, Viverito K. Recommendation-Concordant Management of Metabolic Side Effects Associated with Antipsychotic Use in Veterans. 165th American Psychiatrist Associated Annual Meeting, May 5-9, 2012, Philadelphia, PA. (Poster presentation)

#### • 2011

**Li C**, Martin BC, Cummins DF, Laquesha LM, Frech-Tamas F, Yadao AM. Ambulatory resource utilization and cost for gouty arthritis and gouty arthritis attacks. 2011 Annual Scientific Meeting of American College of Rheumatology/ Association of Rheumatology Health Professionals; Chicago, IL, November 4 -9, 2011. (Poster presentation)

Smith S, **Li C\***. Provision for programmatic services and local public health spending. 2011 Keeneland Conference, Lexington, KY, April 11-14, 2011 (oral presentation); 2011 AcademyHealth Annual Research Meeting, Seattle, Washington, June 12-14, 2011 (poster presentation); 2011 American Public Health Association Annual Meeting, October 29-November , 2011. (Poster presentation)



**Li C**, Martin BC. Access to medical home and quality of care in adult diabetes patients. 8th World Congress of International Health Economics Association (IHEA), Toronto, Canada. July 10-13, 2011 (Oral presentation).

**Li C**, Martin BC. Disparity in access to usual source of care in adult diabetes patients. 2011 AcademyHealth Annual Research Meeting, Seattle, Washington. June 12-14, 2011 (Poster presentation).

Bhurke S, Martin BC, **Li C**, Franks A, Bursac Z, Said Q. The effect of interactions between clopidogrel and proton pump inhibitors on adverse cardiovascular outcomes in commercially insured patients with acute coronary syndrome. The 16th Annual International Meeting of International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Baltimore, MD, May, 2011. (Poster presentation)

Kashyap A, **Li C\***. Trend in utilization of management strategies for newly diagnosed atrial fibrillation patients in US: 1999 – 2008. The 16th Annual International Meeting of International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Baltimore, MD, May, 2011 (poster presentation); 2011 International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Chicago, IL, August 14-17, 2011. (Poster presentation)

• 2010

**Li C**. Meaningful use of electronic health records in physician practices. Workshop on Health IT and Economics (WHITE). October 8-9, 2010; Washington, DC. (Oral presentation)

**Li C**. Trends in emergency department visits attributable to acetaminophen overdose in the United States: 1993-2007. 3rd Biennial Conference of the American Society of Health Economists (ASHE). Ithaca, New York. June 20-23, 2010. (Poster Presentation).

Said Q, **Li C**. Characteristics and experience of enrollees in Medicare Part-D plans with prescription drug coverage gap.” 3rd Biennial Conference of the American Society of Health Economists (ASHE). Ithaca, New York. June 20-23, 2010. (Poster Presentation)

Said Q, **Li C**, Hasting J. The effect of Medicare Part-D prescription drug coverage gap on medication adherence. 15th Annual International Meeting of International Society of Pharmacoeconomics and Outcome Research (ISPOR), Atlanta, GA. May 15-19, 2010. (Oral Presentation)

Bhurke S, **Li C\***. Trends in emergency department visits due to opioid abuse in the united states, 1996-2007. 15th Annual International Meeting of International Society of Pharmacoeconomics and Outcome Research (ISPOR), Atlanta, GA. May 15-19, 2010. (Poster Presentation)

Luthra R, Said Q, Helm ME, **Li C**. Association of patient characteristics with the use of pharmacotherapy, psychotherapy and combined treatment for depression. 15th Annual International Meeting of International Society of Pharmacoeconomics and Outcome Research (ISPOR), Atlanta, GA. May 15-19, 2010. (Poster Presentation)

Luthra R, Said Q, **Li C**, Helm ME. Comparison of costs and healthcare utilizations in pharmacotherapy, psychotherapy, and combined therapy groups for treatment of depression. 15th Annual International Meeting of International Society of Pharmacoeconomics and Outcome Research (ISPOR), Atlanta, GA. May 15-19, 2010. (Poster Presentation)

**Li C**, Mittal D, Smith J, Williams JS, Owen RR. Patterns of new antipsychotic prescribing in VISN 16. 2010 HSR&D National Meeting on Mental Health And Substance Use Disorders.” VA Health Services Research and Development (HSR&D) National Meeting on Mental Health and Substance Use Disorders, Little Rock, AR; April 26-29, 2010. (Poster Presentation)

Mittal D, **Li C**, Smith J, Williams JS, Owen RR. Monitoring and management of metabolic side-effects of antipsychotics in patients with newly prescribed antipsychotics at VISN 16. VA Health Services Research and Development (HSR&D) National Meeting on Mental Health and Substance Use Disorders Little Rock, AR; April 26-29, 2010. (Poster Presentation)

• 2009

**Li C**, 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 Annual International Meeting of International Society of Pharmacoeconomics and Outcome Research (ISPOR), 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 Annual International Meeting of International Society of Pharmacoeconomics and Outcome Research (ISPOR), 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)

- **2008**

**Li C**, 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)

Parikh K, **Li C\***, Martin BC. Factors associated with antihistamine prescribing in asthma in the United States in 2005." The 13th Annual International Meeting of International Society of Pharmacoeconomics and Outcome Research (ISPOR), May 3-7, 2008; Toronto, Canada. (Poster Presentation) (*Best Student Poster runner up*)

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

- **2007**

**Li C**. Are minorities more likely to be initially diagnosed of hypertension during non-office-based visits? Evidence from Medical Expenditure Panel Survey 1996-2003." The 12th Annual International Meeting International Society of Pharmacoeconomics and Outcome Research (ISPOR), May 19-23, 2007; Arlington, VA. (Poster Presentation)

- **2006**

Suh DC, **Li C**, Gause D, 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).

- **2005 or Earlier**

**Li C**. Pattern of health care use when uninsured: do the temporarily uninsured 'time' their utilization? The 5th World Congress of the International Health Economics Association (iHEA). July 10-13, 2005; Barcelona, Spain. (Accepted for Oral Presentation)

**Li C**. Disparity in medical care utilization, health insurance and selection bias. The 5th World Congress of the International Health Economics Association (iHEA). July 10-13, 2005; Barcelona, Spain. (Accepted for Poster Presentation)

\* *As major advisor*

*Invited Presentations*

**Li C**. Medicaid Expansion & Breast Cancer Endocrine Therapy. APHA Webinar. American Public Health Association Cancer Forum, February 28, 2022 at 1:30 ET.

**Li C**. NLP for Covid-19 Exploration on Social Media. Arkansas Bioinformatics Consortium (ARBIC), February 25, 2021.

**Li C.** Exploratory analysis of social network messages to understand Impact of COVID on communities. UAMS COVID Showcase, June 18, 2020.

**Li C.** Exploratory analysis of social network messages to understand Impact of COVID on communities. Joint NCTR-UAMS COVID Weekly Research Update Meeting on May 8, 2020 and AI Council Meeting on May 27, 2020.

**Li C.** Using “Real World” Evidence for Cancer Research. Presented at UAMS Cancer Institute Grand Rounds. November 18, 2020 and UAMS Cancer Institute Cancer Prevention and Population Sciences Program Monthly Meeting on April 27, 2021

**Li C.** Mental Health Needs and Care Utilization By Cancer Type And Time Since Diagnosis In The U.S. Cancer Institute Grand Rounds. July 15, 2015

**Li C.** Disparity in Access to Medical Home in Adult Patients with Diabetes. University of Tennessee College of Pharmacy. Memphis, TN; April 24, 2013.

**Li C.** Racial and Ethnic Disparity in Continuity of Care among Adult Patients with Diabetes. UAMS College of Public Health Tuesday conference series, May 8, 2012.

**Li C.** Racial and ethnic disparity in continuity of care in patients with chronic conditions. Arkansas Center for Health Disparities (ARCHD) National Advisory Board Meeting. October 26, 2010, Little Rock, Arkansas.

**Li C.** 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, Arkansas.

**Li C.** Disparity in Medical Care Utilization, Health Insurance Status and Selection Bias. 4th Annual SPEA Young Researcher's Conference, Indiana University. April 2, 2004; Bloomington, Indiana.

**Li C.** Reexamination of the Disparity in Medical Care Utilization between the Insured and Uninsured: A Finite Mixture Approach. Econometrics Workshop, Indiana University. January, 2004; Bloomington, Indiana.

## GRANTS AND CONTRACTS

### Ongoing

#### Grants:

**Chenghui Li (PI).** Assessing the Burden of Colorectal Cancer Mortality and Potential Risk Factors in Persistent Poverty Counties Compared to Other Counties in Arkansas. Rural Research Award Program. 1/1/2024-6/30/2025; \$100,000

**Chenghui Li (PI).** Impact of Affordable Care Act on Racial Disparity in Endocrine Therapy Use in Breast Cancer. American Cancer Society. 7/1/2023-6/30/2024. \$220,000.

Mario Schootman (PI). Assessing the quality of the linked Arkansas Cancer Registry (ACR) and APCD data. **Chenghui Li (Co-I).** TRI Pilot. 6/1/2023-5/30/2024; \$25,000.

Emily Hallgren (PI). Treatment Adherence among Prostate, Colon, Breast, and Lung Cancer Survivors in Arkansas. **Chenghui Li (Co-I)** UAMS Cancer Institute Rural Research Grant Hallgren 09/01/2022-08/30/2023 \$100,000.

**Chenghui Li (Supplement PI):** Disparities and barriers in endocrine therapy (ET) use in Arkansas women with Stage 1-3 ER+ breast cancer and providers' perspectives on prescribing ET and management. 3 UL1 TR003107-02S2 (Supplement of NIH/National Center for Advancing Translational Sciences Award (PI: James) 07/01/20-06/30/22.

Jeff Pyne (PI) PRIME Care: An initiative to implement genomic testing to improve depression care in VA. **Chenghui Li (Health Economist).** Li will participate in the cost-effectiveness evaluation of the initiative. VA HSR&D. 10/2016-06/2022

## Contracts:

**Chenghui Li (Site PI).** Healthcare Resource Utilization and costs among patients treated with EGFR-TKIs in EGFRm metastatic NSCLC. **Subcontract with University of Utah/AstraZeneca.** 2020-2021.

**Chenghui Li (Site PI).** Assessment of HER2-Low Testing Methods, Treatment Patterns and Clinical Outcomes in Breast Cancer: A Multicenter Chart. **Subcontract with University of Utah/AstraZeneca.** 2022-2023.

## Completed

**Chenghui Li (PI).** Exploratory analysis of social network messages to characterize the community understanding and behavior during the ongoing COVID-19 pandemic. UAMS Time Sensitive Research Awards. 4/20/2020-6/30/2021.\$22,500.

**Chenghui Li (PI),** Marjan Boerma (Co-PI). Secondary analysis of clinical and pre-clinical data to identify treatment and patient-related risk factors in radiation therapy-induced cardiac toxicity. UAMS College of Pharmacy Seed Grant. Total costs: \$26,287.50. 10/01/2018-9/30/2019.

Richard Owen (PI). Monitoring and Management for Metabolic Effects of Antipsychotics VAHSRD --Mechanism: SDP. **Co-Investigator (10%).** Requested total direct costs: \$998,815. 09/2010-07/2014.

Tilford M (PI). The Economic Burden of Health Inequalities in Arkansas. Arkansas Minority Health Commission (AMHC). Contract. **Chenghui Li (Co- Investigator, 15%).** Direct: \$45,409; Indirect: \$4,541. 11/1/2013-4/30/2014.

**Chenghui Li (PI).** Ambulatory Resource Utilization for Gout and Gouty Arthritis Flares. Novartis Pharmaceuticals Corporation. **Principal Investigator (28%).** Total costs requested: \$44,493. 04/04/2011-12/30/2011.

**Chenghui Li (PI).** Racial and Ethnic Disparity in Continuity of Care in Patients with Chronic Conditions. Pilot grant from the Arkansas Center for Health Disparities Pilot Research Program funded by National Center on Minority Health and Health Disparities/National Institutes of Health (Award #: P20MD002329). **Principal Investigator (15%),** total costs: **\$41,372.** 08/20/2010-08/19/2011.

**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, \$5,000.

**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%),** \$42,373, 05/01/08-09/30/09.

Richard Owen (PI). Management of Metabolic Side Effects of Antipsychotics in Six VISNs," VA Health Services Research and Development, Department of Veterans Affairs. **Chenghui Li: Co-Investigator.** \$27,400, 2008- 2011.

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." **Chenghui Li: Co-Investigator (10%).** Project period: 4/01/08-12/01/09. Total costs: \$21,300.

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. **Chenghui Li: Biostatistician (2%).** WBSE: G1-32222-01, Fund 271, 5/15/07-4/30/08, \$18,000.

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. **Chenghui Li: Health Economist (10%).** 03/2005-02/2009. Direct Costs \$975,000.

## PROFESSIONAL MEMBERSHIPS

American Society of Clinical Oncology (ASCO)

## **SERVICE**

Reviewer Board member: Cancers Since 2021  
Biostatistical Editorial Board Member:  
Therapeutic Advances in Cardiovascular Disease: SAGE Journals Since 2022

## **Journal Referee**

American Journal of Preventive Medicine (AJPM)  
American Journal of Managed Care (AJMC)  
Cancers  
Emergency Medicine Journal  
Health Services Research (HSR)  
Journal of American Geriatrics Society (JAGS)  
Journal of Clinical Psychiatry (JCP)  
Journal of General Internal Medicine (JGIM)  
Journal of Medical Economics (JME)  
Journal of Rural Health (JRH)  
Journal of Pain Research  
Journal of Personalized Medicine  
Journal of Pharmaceutical Health Services Research (JPHSR)  
Medical Care  
Medicare & Medicaid Research Review (MMRR)  
MDPI Medicina  
MDPI Cancers  
MDPI Journal of Personalized Medicine  
MDPI International Journal of Environmental Research and Public Health  
Pharmacotherapy  
Pharmacoepidemiology and Drug Safety (PDS)  
Preventing Chronic Disease (PCD)  
Sleep Health: Journal of the National Sleep Foundation  
Supportive Care in Cancer  
Value in Health  
Value in Health 2nd Asia Special Issue (2009)

## **Grant Reviewer**

PCORI	2017-2020, 2023
American Heart Association	2020
Arkansas Cancer Coalition	2019, 2022, 2023
Arkansas Center for Health Disparity	2019

## **COMPUTER SKILLS**

SAS/IML, STATA, R

## **Programming Certificate**

SAS Certified Specialist: Base Programming Using SAS 9.4

## **Programming Training**

Longitudinal data using SAS, 2-day workshop. 6/26/2012-6/27/2012, Philadelphia, PA. Offered by Paul Alison, Statistical Horizons Co.

Multilevel modeling of hierarchical and longitudinal data using SAS. SAS. Online. 8/14/2013-8/16/2013.

Master the Tidyverse: An Introduction to R for Data Science. 2018 Joint Statistical Meeting, Vancouver, British Columbia, Canada (7/28/2018-7/29/2018)

SAS Training: Survival Analysis Using the Proportional Hazards Model. Dec 10-11, 14-15, 2020. (Live Web)

SAS Training: Hierarchical Linear Models, December 12, 2022 (Live Web)

### **Professional Development**

NPHD 6108: Qualitative Data Analysis, Theory & Practicum, Fall 2020