

**Todd A. Lee**

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**1. GENERAL INFORMATION****A. Personal Data**

Work Address:

Center for Management of Complex Chronic Care (CMC<sup>3</sup>)

Hines VA Hospital

5000 S. 5<sup>th</sup> Ave (151-H)

Hines, IL 60141

P: 708-202-5869

F: 708-202-2316

e-mail: todd.lee@va.gov

Home Address:

816 S. Euclid Ave

Oak Park, IL 60304

P: 708-524-2953

Citizenship: USA

**B. Current Positions**

Senior Investigator

Center for Management of Complex Chronic Care (CMC<sup>3</sup>)

Hines VA Hospital

Hines, IL

Associate Professor

Departments of Pharmacy Practice and Pharmacy Administration

Center for Pharmacoeconomic Research

College of Pharmacy

University of Illinois at Chicago

Chicago, IL

**C. Education**

1997	PharmD	Pharmacy	College of Pharmacy Drake University Des Moines, IA
2001	PhD	Pharmaceutical Outcomes Research Pharmacoeconomics	Department of Pharmacy University of Washington Seattle, WA

**D. Licensure**

1997 – present Washington State Registered Pharmacist

**E. Honors and Awards**

1991-1996	Drake University Trustee Scholarship
1995-1997	Iowa Pharmacists Association Scholarship
1996-1997	Iowa Graduate Assistant Scholarship
1997	Award for Excellence in the Prescription Laboratory from Merck and Company
1997-1998	AFPE First Year Graduate Scholarship

1997-1999 Achievement Rewards for College Scientists (ARCS) Fellowship  
1997-1999 Eli Lilly Graduate Fellowship in Pharmaceutical Outcomes  
1999 Best Contributed Poster Presentation – Student ISPOR 4<sup>th</sup> Annual International Meeting  
1999-2001 AFPE – Pre-Doctoral Fellowship  
2000 AstraZeneca Managed Care Graduate Fellowship  
2003 American Foundation for Pharmaceutical Education (AFPE) Scholar and Fellow  
2005 Center Director’s Award, Midwest Center for Health Services and Policy Research  
2007 ISPOR Bernie J. O’Brien New Investigator Award

**F. Academic Appointments**

2000 Research Fellow  
University of Washington, Seattle, WA  
Regence Blue Shield, Seattle, WA  
Premera Blue Cross, Mountlake Terrace, WA

2001-2008 Adjunct Assistant Professor  
Department of Pharmacy Practice  
College of Pharmacy  
University of Illinois at Chicago  
Chicago, IL

2002-2008 Research Assistant Professor  
Institute for Healthcare Studies  
Division of General Internal Medicine  
Department of Medicine  
Northwestern University Feinberg School of Medicine  
Chicago, IL

2003-2008 Associate Faculty  
Center for Pharmacoeconomic Research  
College of Pharmacy  
University of Illinois at Chicago  
Chicago, IL

2004-present Affiliate Assistant Professor  
Pharmaceutical Outcomes Research and Policy Program  
Department of Pharmacy  
University of Washington  
Seattle, WA

2004-2008 Lecturer  
Department of Preventive Medicine  
Department of Medicine  
Northwestern University Feinberg School of Medicine  
Chicago, IL

2008-2009 Assistant Professor (tenure track)  
Institute for Healthcare Studies  
Division of General Internal Medicine  
Department of Medicine  
Northwestern University Feinberg School of Medicine  
Chicago, IL

2009-present Associate Professor  
Departments of Pharmacy Practice and Pharmacy Administration  
Center for Pharmacoeconomic Research  
College of Pharmacy  
University of Illinois at Chicago  
Chicago, IL

### **G. Administrative Appointments**

2001-present Research Scientist, Center for the Management of Complex Chronic Care (CMC<sup>3</sup>)  
Hines VA Hospital, Hines, IL

2007-2008 Director Northwestern University Health Economic Center  
Institute for Healthcare Studies

2007-present Director CMC<sup>3</sup> Post-Doctoral Fellowship Program  
Hines VA Hospital

2007-2008 Acting Center Co-PI Center for Management of Complex Chronic Care  
Hines VA Hospital

2009-present Assistant Director Center for Pharmacoeconomic Research  
College of Pharmacy, University of Illinois at Chicago

### **H. Healthcare Experience**

1997-1998 Relief Pharmacist  
Swedish Medical Center Home-Care Service  
Cameron and Company  
Snohomish, WA

1998-1999 Home-Care Pharmacist  
Apria Healthcare  
Redmond, WA

## **2. TEACHING**

### **A. Teaching Experience**

1995-1996 Undergraduate Teaching Assistant, Pharmaceutics, Drake University

1997 Graduate Teaching Assistant, Pharmacy Law, University of Washington

1997-1998 Graduate Teaching Assistant, Pharmacotherapeutics, University of Washington

2001 Graduate Teaching Assistant, Quantitative Methods II, University of Washington

2004-2008 Lecturer, Preventive Medicine, Department of Medicine, Northwestern University Feinberg  
School of Medicine

### **B. Classes Taught**

2004-2008 Health Economics and Healthcare Financing, PUB HLTH 433, Department of Preventive  
Medicine, Northwestern University Feinberg School of Medicine

### **C. Invited Lectures**

Quantitative Methods II. University of Washington. "Meta-Analysis" June 1999, 2000, 2001

Pharmaceutical Care Systems. University of Washington. "Trends in Healthcare Expenditures" January 2000

Pharmaceutical Care Systems. University of Washington. "Quality Assurance in Health Care" January 2000

Pharmacoeconomics, Genetics and Healthcare. University of Washington. "Guidelines for Sound Economic Evaluations" May 2001

Design of Clinical Trials. University of Illinois at Chicago. "Health-related Quality of Life Assessment in Clinical Trials" March 2003, 2004, 2005

Advanced Methods and Grant Writing in Health Outcomes Research. University of Illinois at Chicago. "The global burden of COPD: the BOLD health policy model" February 2006, 2008.

Advanced Methods and Grant Writing in Health Outcomes Research. University of Illinois at Chicago. "Evaluating the Comparative Effectiveness of Medications by Applying Pharmacoepidemiologic Methods" February 2006, 2008.

### 3. RESEARCH

#### A. Manuscripts

##### *Published*

1. **Lee TA**, Larson LN. Evaluating and improving the quality of pharmacy drive-up services. *J Am Pharm Assoc.* 1999; 39: 338-45.
2. Sullivan SD, Ramsey SD, **Lee TA**. The economic burden of COPD. *Chest.* 2000; 117: 5S-9S.
3. Hazlet TK, **Lee TA**, Hansten PD, Horn JR. Performance of community pharmacy drug interaction software. *J Am Pharm Assoc.* 2001; 41(2): 200-4.
4. **Lee TA**, Sullivan SD, Veenstra DL, Ramsey SD, Steger PJK, Malinverni R, Pleil AM, Williamson T. Economic evaluation of systemic treatments for cytomegalovirus retinitis in AIDS patients. *Pharmacoeconomics.* 2001; 19(5 Pt 2): 535-50.
5. **Lee TA**, Weiss KB. An update on the health economics of asthma and allergy. *Curr Opin Allergy Clin Immunol.* 2002; 2: 195-200.
6. **Lee TA**, Weiss KB. Preference assessment in patients with asthma. *Expert Rev Pharmacoeconomics Outcomes Res.* 2002; 2(6): 607-618.
7. **Lee TA**, Hollingworth W, Sullivan SD. Comparison of directly elicited preferences to preferences derived from the SF-36 in adult asthmatics. *Med Decis Making.* 2003; 23(4): 323-334.
8. **Lee TA**, Drivers CH, Leibman CW. Evaluating the efficiency of treatment in the allergic rhinitis market. *J Manag Care Pharm.* 2004 Jan-Feb; 10(1 Suppl 1): 3-8.
9. **Lee TA**, Weiss KB. Risk of non-vertebral fractures associated with inhaled corticosteroid use in obstructive lung disease. *Am J Respir Crit Care Med.* 2004; 169(7): 855-859.
10. Reed SD, **Lee TA**, McCrory DC. The economic burden of allergic rhinitis: a critical evaluation of the literature. *Pharmacoeconomics.* 2004; 22(6): 345-361.
11. Marceille JR, Goins JA, Soni R, Biery JC, **Lee TA**. Congestive heart failure-related interventions in patients receiving rosiglitazone and insulin. *Pharmacotherapy.* 2004; 24(10): 1317-1322.

12. **Lee TA**, Veenstra DL, Iloeje UH, Sullivan SD. Cost of chronic hepatitis B infection in the United States. *J Clin Gastroenterol*. 2004; 38(10 Suppl 3): S144-S147.
13. **Lee TA**, Hacek DM, Stroupe KT, Collins SM, Peterson LR. Three surveillance strategies for vancomycin-resistant enterococci in hospitalized patients: detection of colonization and a cost-effectiveness model. *Infect Control Hosp Epidemiol*. 2005; 26(1): 39-46.
14. Chiou CF, Weaver MR, Bell MA, **Lee TA**, Krieger JW. Development of a multi-attribute pediatric asthma health outcome measure (PAHOM). *Int J Qual Health Care*. 2005; 17(1): 23-30.
15. Cannon JP, **Lee TA**, Bolanos JT, Danziger LH. *Lactobacillus* as a pathogen: a review. *Eur J Clin Microbiol Infect Dis*. 2005; 24(1): 31-40.
16. Pickard AS, Wang Z, Walton SM, **Lee TA**. Are decisions using cost-utility analyses robust to choice of SF-36/SF-12 preference-based algorithm? *Health Qual Life Outcomes*. 2005; 3(11).
17. Sullivan SD, **Lee TA**, Blough DK, Finkelstein JA, Lozano P, Inui TC, Fuhlbrigge AL, Carey VJ, Wagner E, Weiss KB. A multi-site randomized trial of the effects of physician education and organizational change in chronic asthma care: Cost-effectiveness analysis of the Pediatric Asthma Care PORT. *Arch Pediatr Adolesc Med*. 2005; 159(5): 428-434.
18. Buist AS, Vollmer WM, Sullivan SD, Weiss KB, **Lee TA**, Menezes AMB, Crapo RO, Jensen RL, Burney PGJ. The burden of obstructive lung disease initiative (BOLD): rationale and design. *COPD*. 2005; 2(2): 277-283.
19. **Lee TA**, Wolozin B, Weiss KB, Bednar MM. Assessment of the emergence of Alzheimer's disease following coronary artery bypass graft surgery or percutaneous transluminal coronary angioplasty. *J Alzheimers Dis*. 2005; 7(4): 319-24.
20. Chapman KR, Mannino DM, Soriano JB, Vermeire PA, Buist AS, Thun MJ, Connell C, Jemel A, **Lee TA**, Miravitlles M, Aldington S, Beasley R. Epidemiology and costs of chronic obstructive pulmonary disease. *Eur Respir J*. 2006; 27(1): 188-207.
21. **Lee TA**, Bartle B, Weiss KB. Spirometry use in clinical practice following diagnosis of COPD. *Chest*. 2006; 129(6): 1509-1515.
22. Rutten-van Mülken M, **Lee TA**. Economic modeling in COPD. *Proc Am Thorac Soc*. 2006; 3(7): 630-634.
23. Valenstein M, Ganoczy D, McCarthy JF, Kim HM, **Lee TA**, Blow FC. Antipsychotic adherence over time among patients receiving treatment for schizophrenia. *J Clin Psychiatry*. 2006; 67(10): 1542-1550.
24. **Lee TA**, Bartle B, Weiss KB. Impact of NSAIDs on mortality and the effect of pre-existing coronary artery disease. *Am J Med*. 2007; 120(1): 98.e9-98.e16.
25. **Lee TA**, Weaver FM, Weiss KB. The impact of pneumococcal vaccination on pneumonia rates in patients with COPD and asthma. *J Gen Intern Med*. 2007; 22(1): 62-67.
26. **Lee TA**, Fuhlbrigge AL, Sullivan SD, Finkelstein JA, Inui TS, Lozano P, Weiss KB. Agreement between caregiver reported healthcare utilization and administrative data for children with asthma. *J Asthma*. 2007; 44(3): 189-194.

27. **Lee TA**, Pickard AS, Bartle B, Weiss KB. Osteoarthritis: a comorbid marker for longer life? *Ann Epidemiol.* 2007; 17(5): 380-384.
28. **Lee TA**, Pickard AS. Meta-analysis of azelastine nasal spray in the treatment of allergic rhinitis. *Pharmacotherapy.* 2007; 27(6): 852-859.
29. Woltman EM, Valenstein M, Welsh D, **Lee TA**, Grabowski J, Reilly PA, Wolschon PA. Using pharmacy data to inform clinical care: identify partially adherent patients with serious mental illness for intervention efforts. *Psychiatr Serv.* 2007; 58(6): 864-867.
30. Wolozin B, Wang SW, Li NC, Lee A, **Lee TA**, Kazis LE. Simvastatin is associated with a reduced incidence of dementia and Parkinson's disease. *BMC Medicine.* 2007; 5: 20.
31. Buist AS, McBurnie MA, Vollmer WM, Gillespie S, Burney P, Mannino DM, Menezes AM, Sullivan SD, **Lee TA**, Weiss KB, Jensen RL, Marks GB, Gulsvik A, Nizankowska-Mogilnicka E for the BOLD Collaborative Research Group. International variation in the prevalence of chronic obstructive pulmonary disease: the BOLD study. *Lancet.* 2007; 370(9589): 741-750.
32. Jordan N, **Lee TA**, Valenstein M, Weiss KB. Predictors of evidence-based depression treatment in veterans with COPD and co-morbid depression. *J Gen Intern Med.* 2007; 22(10): 1447-1452.
33. Joo M, **Lee TA**, Bartle B, Weiss KB. Health system variation in COPD exacerbation rates. *J Gen Intern Med.* 2007; 22(11): 1560-1565.
34. Stroupe KT, Smith BM, **Lee TA**, Tarlov E, Durazo-Arvizu R, Cao L, Nydam T, Huo Z, Burk M, Cunningham F, Hynes DM, Weiss KB. Effect of increased copayments on pharmacy use in the Department of Veterans Affairs. *Med Care.* 2007; 45(11): 1090-1097.
35. Vogeli C, Shields A, **Lee TA**, Gibson TB, Marder WD, Weiss KB, Blumenthal D. Multiple chronic conditions: Prevalence and implications for patient management, outcomes and costs. *J Gen Intern Med.* 2007; 22 Suppl 3: 391-395.
36. **Lee TA**, Shields AE, Vogeli C, Gibson TB, Sohn MW, Marder WD, Blumenthal D, Weiss KB. Mortality rates in veterans with multiple chronic conditions. *J Gen Intern Med.* 2007; 22 Suppl 3: 403-407.
37. Murthy K, Grobman WA, **Lee TA**, Holl JL. The association between rising professional liability insurance premiums and primary cesarean delivery. *Obstet Gynecol.* 2007; 110(6): 1264-1269.
38. Pickard AS, Wilke CT, Jung E, Patel S, **Lee TA**. Measurement of health-related quality of life in COPD and asthma using EQ-5D. *Resp Med.* 2008; 102(4): 519-536.
39. Khare RK, Courtney DM, Powell ES, **Lee TA**. Sixty-four slice computed tomography of the coronary arteries: cost-effectiveness analysis of patients presenting to the ED with low risk chest pain. *Ann Emerg Med.* 2008; 15: 623-632.
40. Joo M, **Lee TA**, Weiss KB. Geographic variation in spirometry use in newly diagnosed COPD. *Chest.* 2008; 134(1): 38-45.
41. Murthy K, Grobman WA, **Lee TA**, Holl JL. Racial disparities in term induction of labor rates in Illinois. *Med Care.* 2008; 46(9): 900-904.

42. **Lee TA**, Pickard AS, Au DH, Bartle B, Weiss KB. Risk of deaths associated with medications for recently diagnosed chronic obstructive pulmonary disease. *Ann Intern Med.* 2008; 149(6): 380-390.
43. Joo M, **Lee TA**, Bartle B, van de Graaff W, Weiss KB. Patterns of healthcare utilization by severity: a pilot study. *Lung.* 2008; 186(5): 307-312.
44. Stuck RM, Sohn MW, Budiman-Mak E, **Lee TA**, Weiss KB. Charcot arthropathy risk elevation in the obese diabetic population. *Am J Med.* 2008; 121: 1008-1014.
45. Joo MJ, **Lee TA**, Au DH, Fitzgibbon ML, Weiss KB. Medication use patterns associated with spirometry in diagnosing COPD. *COPD.* 2008; 5(6): 360-368.
46. Pickard AS, Jung E, Bartle B, Weiss KB, **Lee TA**. Coded cause of death and timing of COPD diagnosis. *COPD.* 2009; 6(1): 41-47.
47. Jordan N, **Lee TA**, Valenstein M, Pirraglia PA, Weiss KB. Effect of depression care on outcomes in COPD patients with depression. *Chest.* 2009; 135(3): 626-632.
48. Jung E, Pickard AS, Salmon JW, Bartle B, **Lee TA**. Medication adherence and persistence in the last year of life in COPD patients. *Resp Med.* 2009; 103(4): 525-534.
49. Murthy K, Grobman WA, **Lee TA**, Holl JL. Obstetricians' rising liability insurance premiums and inductions at late preterm gestations. *Med Care.* 2009; 47(4): 425-430.
50. Scheetz MH, Bolon MK, Postelnick M, Noskin GA, **Lee TA**. Cost effectiveness analysis of an antimicrobial stewardship team on blood stream infections: a probabilistic analysis. *J Antimicrob Chemother.* 2009; 63(4): 816-825.
51. Sohn MW, **Lee TA**, Stuck RM, Frykberg R, Budiman-Mak E. Mortality risk of Charcot arthropathy compared to diabetic foot ulcer and diabetes alone. *Diab Care.* 2009; 32(5): 816-821.
52. **Lee TA**, Wilke CT, Joo M, Stroupe KT, Krishnan J, Schumock GT, Pickard AS. Outcomes associated with tiotropium use in COPD patients. *Arch Intern Med.* 2009; 169(15): 1403-1410.
53. Joo MJ, Au DH, **Lee TA**. Use of spirometry in the diagnosis of COPD and efforts to improve quality of care. *Transl Res.* 2009; 154(3): 103-110.
54. **Lee TA**, Pickard AS, Bartle B, Schumock GT. Increased risk of mortality in COPD patients using theophylline. *Pharmacotherapy.* 2009; 29(9): 1039-1053.
55. Wilke CT, Pickard AS, Walton SM, Moock J, Kohlman T, **Lee TA**. Statistical implications of utility weighted and equally weighted HRQL measures: an empirical study. *Health Econ.* In Press.
56. Ogale SS, **Lee TA**, Au DH, Boudreau DM, Sullivan SD. Cardiovascular events associated with anticholinergic medications in COPD. *Chest.* In Press.
57. Pickard AS, Shaw JW, Lin HW, Trask P, Aaronson N, **Lee TA**, Cella D. A patient-based utility measure of health for clinical trials of cancer therapy based on the EORTC QLQ-C30. *Value Health.* In Press.

58. Nielsen R, Johannessen A, Benediktsdottir B, Gislason T, Buist AS, Gulsvik A, Sullivan SD, **Lee TA**. Present and future costs of COPD in Iceland and Norway: Results from the BOLD study. *Eur Respir J*. In Press.
59. Gibson TB, **Lee TA**, Vogeli CS, Hidalgo J, Carls GS, Sredl K, DesHarnais S, Marder WD, Weiss KB, Williams TV, Shields AE. A four-system comparison of patients with chronic illness: the Military Health System, Veterans Health Administration, Medicaid, and commercial plans. *Mil Med*. In Press.
60. Valenstein M, Kavanagh J, **Lee TA**, Reilly P, Dalack GW, Grabowski J, Smelson D, Ronis D, Ganoczy D, Woltmann E, Metreger T, Wolschon P, Jensen A, Poddig B, Blow FC. Using a pharmacy-based intervention to improve antipsychotic adherence among patients with serious mental illness. *Schizophr Bull*. In Press.
61. Sohn MW, Stuck RM, Pinzur M, **Lee TA**, Budiman-Mak E. Lower extremity amputation risk following Charcot arthropathy and diabetic foot ulcer. *Diab Care*. In Press.

#### ***Under Review***

1. **Lee TA**, Pickard AS, Bartle B, Schumock GT, Weiss KB. The medication matters: addition of a medication to a regimen in patients with COPD is not always associated with worse outcomes. *Pharmacotherapy*. Under Review.
2. **Lee TA**, Walter R, Guo, CY, O'Connor GT, Sullivan SD, Buist AS, Weiss KB. Long-term progression of chronic obstructive pulmonary disease. *Ann Intern Med*. Under Review.

#### **B. Letters to the Editor**

1. **Lee TA**, Weiss KB. Inhaled corticosteroids and fracture risk in COPD [letter]. *Am J Respir Crit Care Med*. 2004; 170(1): 94-95.
2. **Lee TA**, Sullivan SD, Weiss KB. Cost-effectiveness of inhaled corticosteroids in COPD [letter]. *Am J Med*. 2004; 117(8): 618.
3. Bendar MM, **Lee TA**, Wolozin B, Weiss KB. Coronary artery bypass grafting is not a risk factor for dementia or Alzheimer's disease [letter]. *Neurology*. 2006; 66(11): 1785.

#### **C. Dissertation**

**Lee TA**. Comparison of the cost-effectiveness of triamcinolone acetonide (Azmacort HFA) and fluticasone propionate (Flovent) in adult asthmatics in a randomized controlled equivalence trial. University of Washington. 2001. Pgs 154. UMI Publication No. AAT 3022859. ISBN 0-493-33719-9.

#### **D. Book Chapters**

1. Ramsey SD, **Lee TA**, Sullivan SD. Financial aspects of emphysema and LVRS. In: *Lung Volume Reduction Surgery for Emphysema*. Eds. Fessler HE, Reilly JJ, Sugarbaker DJ. New York: Marcel Dekker; 2003.
2. Bennett CL, **Lee TA**. Economic analysis of cancer treatment. In: *Clinical Oncology*. Eds. Abeloff MD, Armitage JO, Niederhuber JE, Kastan MB, McKenna WG. Churchill Livingstone; 2004.
3. Sullivan SD, **Lee TA**, Ogale S. Socioeconomic burden of COPD. In: *Long-Term Intervention in Chronic Obstructive Pulmonary Disease*. Eds. Pauwels R, Postma D, Weiss S. Marcel Dekker, Inc.; 2004. Pgs 101-118.

4. **Lee TA.** Socioeconomic burden of acute asthma exacerbations. In: *Exacerbations of Asthma*. Eds. O'Byrne P, Johnston S. Taylor and Francis. 2006. Pgs. 43-56

#### **E. Scientific Presentations and Posters**

1. **Lee TA, Larson LN.** "Evaluating the Use and the Quality of Pharmacy Drive-up Services" Poster Presentation, American Pharmaceutical Association 1998 Annual Meeting, Miami Beach, FL, March 1998.
2. **Lee TA, Ramsey SD, Neil NJ, Patrick DL, Klastorin TD, Stergachis A, Sullivan SD.** "Developing a Task-based Instrument to Measure Migraine-Related Productivity" Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research 3<sup>rd</sup> Annual Meeting, Philadelphia, PA, May 1998. *Value Health*. 1998; 1(1): 82-3.
3. Sullivan SD, Schulz R, Lessler D, Weiss K, Ramsdell J, Lim J, **Lee TA**, Blough DK, Malone D, Johnson ES. "Outcomes of Treatment with Inhaled Triamcinolone Acetonide after Twelve Months in Moderate Adult Asthma: Clinical Results from the ACET-1 Cost-Effectiveness Study" Poster Discussion Section, American Thoracic Society 1999 International Conference, San Diego, CA, April 1999.
4. **Lee TA, Sullivan SD, Blough DK, Weiss K, Lim J, Ramsdell J.** "Comparison of Outcome Measures in a Randomized Trial of Inhaled Triamcinolone Acetonide in Adult Asthmatics" Poster Discussion Section, American Thoracic Society 1999 International Conference, San Diego, CA, April 1999.
5. **Lee TA, Sullivan SD, Ramsey SD, Steger P, Williamson T, Pliel A.** "Economic Evaluation of Systemic Treatments for CMV Retinitis in Persons with AIDS in Switzerland" Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research 4<sup>th</sup> Annual Meeting, Crystal City, VA, May 1999. *Value Health*. 1999; 2(3): 183.
6. **Lee TA, Sullivan SD.** "The Effect of Order of Administration of Generic and Disease Specific Health Status Questionnaires" Talking Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research 4<sup>th</sup> Annual Meeting, Crystal City, VA, May 1999. *Value Health*. 1999; 2(3): 158.
7. Bryant-Comstock L, Mather D, **Lee T**, Keck P, Li H, Sullivan S. "Treatment of bipolar depression: clinical and economic outcomes." Poster Presentation, American Psychiatric Association, 2000 Annual Meeting, Chicago, IL, May 2000.
8. Murphy MP, **Lee TA**, Sullivan SD, Yeuh B. "Psychiatric disease in adults diagnosed with chronic rhinosinusitis." Podium Presentation, American Academy of Otolaryngology, 2000 Annual Meeting, Washington, DC, September 2000.
9. **Lee TA, McLaughlin T, Sullivan SD, Stanford R.** "Asthma costs in managed care patients." Poster Presentation, American Academy of Family Physicians, 2001 Scientific Assembly, Atlanta, GA, October 2001.
10. **Lee TA, Sullivan SD, Weiss KB, Georges G.** "Comparison of the effectiveness of inhaled triamcinolone acetonide HFA to inhaled fluticasone propionate CFC in adult asthmatics in a 12-month pragmatic trial." Poster Presentation, American Thoracic Society 2002 International Conference, Atlanta, GA, May 2002.
11. **Lee TA, Sullivan SD, Weiss KB, Georges G.** "Comparison of the cost-effectiveness of inhaled triamcinolone acetonide HFA to inhaled fluticasone propionate CFC in adult asthmatics in a 12-month

- pragmatic trial.” Poster Presentation, American Thoracic Society 2002 International Conference, Atlanta, GA, May 2002.
12. **Lee TA**, Hollingworth W, Sullivan SD. “Directly elicited preferences compared to preferences derived from the SF-36 in adult asthmatics.” Podium Presentation, International Society for Pharmacoeconomics and Outcomes Research, 7<sup>th</sup> Annual International Meeting, Crystal City, VA, May 2002. *Value Health*. 2002; 5(3): 134-5.
  13. **Lee TA**, Stroupe KT, Hacek D, Petersen L. “Evaluation of the cost-effectiveness of three vancomycin-resistant enterococci surveillance strategies in hospitalized patients.” Poster Presentation, Infectious Diseases Society of America, 40<sup>th</sup> Annual Meeting, Chicago, IL, October 2002.
  14. **Lee TA**, Veenstra DL, Iloje UH, Sullivan SD. “Direct medical costs associated with Hepatitis B virus infection in the United States.” Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research, 8<sup>th</sup> Annual International Meeting, Crystal City, VA, May 2003.
  15. **Lee TA**, Raymundo AL, Kim SS, Strauss M, Sullivan SD. “How does an 11-point pain scale relate to preference estimates in patients with chronic pain and can it be used to predict preferences?” Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research, 8<sup>th</sup> Annual International Meeting, Crystal City, VA, May 2003.
  16. Marceille JR, Goins JA, Soni R, Biery JC, **Lee TA**. “Incidence of congestive heart failure-related interventions in patients receiving rosiglitazone and insulin.” Poster Presentation, American College of Clinical Pharmacy, 2003 Annual Meeting, Atlanta, GA, November 2003.
  17. **Lee TA**, Bartle B, Xu J, Davis KJ, Weiss KB. “The association between inhaled corticosteroid use and fractures in veterans with chronic obstructive pulmonary disease.” Poster Presentation, CHEST 03, Orlando, FL, October 2003.
  18. **Lee TA**, Xu J, Weiss KB. “Do follow-up physician visits impact the risk of repeat emergency department visits in patients with COPD?” Poster Presentation, US COPD Coalition, National COPD Conference, November 2003.
  19. **Lee TA**, Bartle B, Xu J, Davis KJ, Weiss KB. “The risk of fractures associated with inhaled corticosteroid use in patients with COPD.” Oral & Poster Presentation, US COPD Coalition, National COPD Conference, November 2003.
  20. Sullivan SD, **Lee TA**, Blough D, Finkelstein J, Lozano P, Inui T, Carey V, Wagner E, Fuhlbrigge A, Weiss K. “Cost-effectiveness of Physician Peer Leader Education and Practice-based Redesign in Managed Care: The Pediatric Asthma Care PORT-II Trial.” Oral Presentation, American Academy of Allergy, Asthma and Immunology, 60<sup>th</sup> AAAAI Annual Meeting, March 2004. *JACI* 2004;113(2 Suppl):S339.
  21. Witt WP, **Lee TA**, Xu J, Baker DW, Weiss KB. “The mental health impact of living with a spouse with chronic obstructive pulmonary disease.” Poster Presentation, Society of General Internal Medicine, 2004 Annual Meeting, May 2004.
  22. Bednar MM, Wolozin B, Weiss KB, **Lee TA**. “Increased risk of Alzheimer’s disease diagnosis following coronary artery bypass graft surgery compared to percutaneous transluminal coronary angioplasty.” Poster Presentation, 9<sup>th</sup> Annual International Conference on Alzheimer’s Disease and Related Disorders, July 2004.

23. Xu J, **Lee TA**, Witt WP, Durazo-Arvizu R. "Emergency department visits among COPD patients: an example of repeat recurrent event analysis." Oral Presentation, American Statistical Association 2004 Joint Statistical Meetings, August 2004.
24. **Lee TA**, Xu J, Weaver F, Weiss KB. "Risk of pneumonia-related hospitalizations in patients with chronic lung disease." Poster Presentation, VA HSR&D 2005 National Meeting, Baltimore, MD, February 2005.
25. **Lee TA**, Bartle B, Weiss KB. "Characterizing COPD exacerbation patterns in the VA healthcare system." Poster Presentation, VA HSR&D 2005 National Meeting, Baltimore, MD, February 2005.
26. Smith BM, Stroupe KT, **Lee TA**, Durazo-Arvizu R, Cao L, Nydam T. "The impact of co-payment change on discontinuation of VA pharmacy use." Poster Presentation, VA HSR&D 2005 National Meeting, Baltimore, MD, February 2005.
27. Stroupe KT, Smith BM, **Lee TA**, Durazo-Arvizu R, Cao L, Nydam T. "Medication copay increase and medication acquisition from the VA." Poster Presentation, VA HSR&D 2005 National Meeting, Baltimore, MD, February 2005.
28. **Lee TA**, Bartle B, Weiss KB. "Characterizing COPD exacerbation patterns in the VA healthcare system." Poster Presentation, 2005 ATS International Conference, San Diego, CA, May 2005.
29. **Lee TA**, Bartle B, Weiss KB. "Patterns of Respiratory Medication Use in a VA COPD Cohort, 1999-2002." Poster Presentation, 2005 ATS International Conference, San Diego, CA, May 2005.
30. **Lee TA**, Xu J, Weaver F, Weiss KB. "Risk of Pneumonia-Related Hospitalizations in Patients with Chronic Lung Disease." Poster Presentation, 2005 ATS International Conference, San Diego, CA, May 2005.
31. **Lee TA**, Bartle B, Weiss KB. "Health System Variation in COPD Exacerbation Rates." Poster Presentation, 2005 ATS International Conference, San Diego, CA, May 2005.
32. **Lee TA**, Bartle B, Weiss KB. "Spirometry Use in Clinical Practice in Patients with COPD." Poster Presentation, 2005 ATS International Conference, San Diego, CA, May 2005.
33. **Lee TA**, Fuhlbrigge AL, Finkelstein JA, Sullivan SD, Lozano P, Carey V, Inui TS, Weiss KB. "Agreement between Caregiver Reported Healthcare Utilization and Administrative Data for Children with Asthma" Poster Presentation, 2005 ATS International Conference, San Diego, CA, May 2005.
34. **Lee TA**, Bartle B, McLaughlin T, Dirani R. "Adherence to respiratory medications in VA patients with chronic lung disease." Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research, 10<sup>th</sup> Annual International Meeting, Washington, DC, May 2005.
35. Grim S, Cannon J, **Lee TA**, Crank C, Patel G, Proia L, Labuszewski L, Mullane K, Jancel T, Clark N. "Utilization of newer antifungals in a large metropolitan setting." Poster Presentation, Focus on Fungal Infections 16, Las Vegas, NV, March 2006.
36. Scheetz MH, **Lee TA**, Noskin GA, Postelnick MJ, Bolon MK. "A cost-effectiveness analysis of an antimicrobial utilization team on blood stream infections." Poster Presentation, SHEA 16<sup>th</sup> Annual Meeting, Chicago, IL, March 2006.

37. Venkatesh A, **Lee TA**, Barnard C, Noskin GA. "Adverse events among hospitalized patients significantly increase costs." Poster Presentation, SHEA 16<sup>th</sup> Annual Meeting, Chicago, IL, March 2006.
38. **Lee TA**, Sullivan SD, Buist AS, Vollmer W, Weiss KB. "Estimating the future economic burden of COPD." Poster Presentation, 2006 ATS International Conference, San Diego, CA, May 2006.
39. Jordan N, **Lee TA**, Valenstein M, Weiss KB. "Factors associated with evidence-based depression treatment for persons with COPD and depression." Poster Presentation, 2006 ATS International Conference, San Diego, CA, May 2006.
40. **Lee TA**, Pickard AS, Bartle B, Weiss KB. "Prescription for longer life: a diagnosis of osteoarthritis?" Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research, 11<sup>th</sup> Annual International Meeting, Philadelphia, PA, May 2006.
41. Weiss KB, **Lee TA**, Sullivan SD, Vollmer W, Buist AS. "Health status comparison of patients with COPD throughout the world: the BOLD Initiative." Poster Presentation, 2006 European Respiratory Society Congress, Munich, Germany, September 2006.
42. Grim S, Gupta S, Holloway M, **Lee TA**, Paek J, Janda W, Clark N. "*Candida* Bloodstream Infections (CBSI) at a University Hospital 2001-2004." Poster Presentation, Infectious Diseases Society of America, 44<sup>th</sup> Annual Meeting, Toronto, ON, October 2006.
43. **Lee TA**, Sin DD, Sullivan SD. "Cost-effectiveness of inhaled corticosteroids in COPD: results from the BOLD economic model using ISEEC results." Poster Presentation, CHEST 2006, Salt Lake City, UT, October 2006.
44. **Lee TA**, Gao CY, Walter B, O'Connor GT, Sullivan SD, Buist AS, Weiss KB. "Rate of disease progression in patients with COPD in the Framingham Heart Study cohort." Slide Presentation, CHEST 2006, Salt Lake City, UT, October 2006.
45. Ogale SS, **Lee TA**, Sullivan SD. "The risk of cardiovascular events associated with inhaled long-acting beta-2-adrenoreceptor agonists in patients with chronic obstructive pulmonary disease." Slide Presentation, CHEST 2006, Salt Lake City, UT, October 2006.
46. Murthy K, Grobman WA, **Lee TA**, Holl JL. "Medical malpractice pressures for obstetrician-gynecologists are associated with late preterm induction in Illinois." Poster Presentation, 2007 Pediatric Academic Societies' Annual Meeting, Toronto, Canada, May 2007.
47. Murthy K, Grobman WA, **Lee TA**, Holl JL. "The effect of medical malpractice pressures for obstetricians on term induction rates in Illinois." Poster Presentation, 2007 Pediatric Academic Societies' Annual Meeting, Toronto, Canada, May 2007.
48. Murthy K, Grobman WA, **Lee TA**, Holl JL. "Racial disparities in term and post-term induction rates in Illinois." Podium Presentation, 2007 Pediatric Academic Societies' Annual Meeting, Toronto, Canada, May 2007.
49. **Lee TA**, Pickard AS, Bartle B, Schumock GT, Weiss KB. "Increased risk of mortality associated with use of ipratropium and theophylline in COPD patients." Poster Presentation, 2007 ATS International Conference, San Francisco, CA, May 2007.

50. **Lee TA**, Pickard AS, Bartle B, Schumock GT, Weiss KB. "Outcomes associated with theophylline use in COPD patients." Poster Presentation, 2007 ATS International Conference, San Francisco, CA, May 2007.
51. **Lee TA**, Gislason T, Sullivan SD, Benediktsdottir B, Gudmundsson G, Buist AS, Weiss KB. "Future economic burden of COPD in Iceland: results from the BOLD initiative." Poster Presentation, 2007 ATS International Conference, San Francisco, CA, May 2007.
52. Ogale SS, **Lee TA**, Au DH, Boudreau DM, Sullivan SD. "Cardiovascular outcomes associated with anticholinergic medications." Poster Presentation, 2007 ATS International Conference, San Francisco, CA, May 2007.
53. Ogale SS, **Lee TA**, Au DH, Boudreau DM, Sullivan SD. "Long-acting beta2-agonists and all-cause mortality in COPD." Poster Presentation, 2007 ATS International Conference, San Francisco, CA, May 2007.
54. Valenstein M, Kavanagh J, Ganoczy D, **Lee T**, Smelson D, Jensen A. "The Impact of a Pharmacy-Based Intervention on Antipsychotic Adherence Among Patients with Serious Mental Illness." AcademyHealth Annual Research Meeting, Orlando FL, June 2007.
55. **Lee TA**, Pickard AS, Bartle B, Weiss KB. "Medication Safety in COPD Patients: The Risk of Respiratory and Cardiovascular Deaths Associated with Treatment in Veterans with COPD." Oral Presentation, VA HSR&D 2008 National Meeting, Baltimore, MD, February 2008.
56. **Lee TA**, Ogale SS, Sullivan SD, Au D. "Risk of All-Cause Mortality Associated with Long-Acting Beta-Agonist use in Veterans with COPD." Oral Presentation, VA HSR&D 2008 National Meeting, Baltimore, MD, February 2008.
57. **Lee TA**, Tan W, Fitzgerald M, Sin D, Marra C, Weiss KB, Sullivan SD. "Future Economic Burden of COPD in Canada: Results from the BOLD Initiative." Poster Presentation, 2008 ATS International Conference, Toronto, ON, May 2008.
58. **Lee TA**, Pickard AS, Bartle B, Weiss KB. "COPD Medication Safety: Risk of Respiratory and Cardiovascular Deaths Associated with Treatment." Poster Presentation, 2008 ATS International Conference, Toronto, ON, May 2008.
59. **Lee TA**, Wilke CT, Joo M, Stroupe KT, Krishnan JA, Schumock GT, Pickard AS. "Comparative effectiveness of ipratropium in COPD patients." Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research, 14<sup>th</sup> Annual International Meeting, Orlando, FL, May 2009.
60. Chang Y, **Lee TA**. "The economic burden of chronic obstructive pulmonary disease due to smoking." Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research, 14<sup>th</sup> Annual International Meeting, Orlando, FL, May 2009.
61. Bautista A, Stein BD, **Lee TA**, Meltzer DO, DiDomenico R, Krishnan JA, Schumock GT. "Specificity of administrative data for identifying heart failure patients for hospital quality performance initiatives." Poster Presentation, International Society for Pharmacoeconomics and Outcomes Research, 14<sup>th</sup> Annual International Meeting, Orlando, FL, May 2009.
62. **Lee TA**, Wilke CT, Joo M, Stroupe KT, Krishnan JA, Schumock GT, Pickard AS. "Outcomes associated with tiotropium use in COPD patients." Podium Presentation, International Society for

Pharmacoeconomics and Outcomes Research, 14<sup>th</sup> Annual International Meeting, Orlando, FL, May 2009.

#### **F. Contributed Workshops, Training Courses, Symposia**

1. **Lee TA**, Hollingworth W, Kind P. "Can the SF-36 be used in calculating QALYs?" Contributed Workshop Presentation, International Society for Pharmacoeconomics and Outcomes Research, 8<sup>th</sup> Annual International Meeting, Crystal City, VA, May 2003.
2. Sullivan SD, **Lee TA**. "Evaluating clinical and economic evidence for drug purchasing and formulary considerations." VA Medication Advisory Panel Committee Meeting, Chicago, IL, September 2004.
3. Buist AS, Padila RP, Menezes AM, Vollmer W, **Lee TA**, Burney P. "Measuring COPD prevalence: two models for international collaboration." 2005 ATS International Conference, San Diego, CA, May 2005.
4. Sullivan SD, **Lee TA**. "VA PBM/MAP pharmacoeconomic training program." VA PBM Annual Meeting, Washington, DC, September 2005.
5. Buist S, **Lee TA**, Fabbri L, Jones P. "New Insights into the worldwide burden of COPD." 2006 ERS Congress, Munich, Germany, September 2006.
6. Au D, Doherty DE, Enright PL, Jones PW, Buist AS, Diette GB, **Lee TA**. "COPD Detection and Basis for Treatment." 2007 ATS International Conference, San Francisco, CA, May 2007.
7. Bosworth H, Kiefe C, **Lee TA**, Weinberger M. "Managing Complexity in Chronic Care within the Largest Integrated Health System in the U.S.: Current and Future Directions." AcademyHealth Annual Research Meeting 2007, Orlando, FL, June 2007.
8. **Lee TA**, Gaid S. "Complexity measurement in psychiatric care: a model for reimbursement. Canadian Psychiatric Association, Ottawa, ON, Canada, April 2008.
9. Enright PL, Tashkin DP, **Lee TA**, Furberg CD, Barr RG. "Are heart attacks a side effect of anticholinergic inhalers?" CHEST 2008, Philadelphia, PA, October 2008.
10. Upson DJ, **Lee TA**. "Medication availability and access: issues of value and affordability" 2009 ATS International Conference, San Diego, CA, May 2009.

#### **G. Invited Lectures, Seminars**

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|-------|--|
| 1/99  | Evaluating new therapies for rheumatoid arthritis: Fitting Arava <sup>®</sup> and Enbrel <sup>®</sup> in the 'Drug Purchaser Guidelines' Northwest Pharmacy Benefits Management Meeting, Seattle, WA |
| 3/01  | Factors influencing adherence with asthma treatments, Respiratory Nursing Conference, Chronic Lung Disease: Strategies for Promoting Self-Management, Seattle, WA                                    |
| 3/01  | Cost-effectiveness of triamcinolone versus fluticasone in adult asthmatics, College of Pharmacy, University of Minnesota, Minneapolis, MN  |
| 4/01  | Conducting a cost-effectiveness analysis in an equivalence trial, College of Pharmacy, University of Southern California, Los Angeles, CA  |
| 5/01  | Evaluation of cost-effectiveness in an equivalence trial: Azmacort HFA compared to Flovent, Hines VA Hospital, Hines, IL   |
| 11/01 | Issues in the evaluation of cost-effectiveness in a pragmatic equivalence trial: the case of Azmacort versus Flovent, Northwestern University Medical School Seminar Series, Chicago, IL             |

- 2/02 Developing pharmacotherapeutic research in the VA, 2002 VA Health Services Research and Development National Meeting, Washington, DC
- 4/02 The evolution of health economics and cost-effectiveness analysis, Contributed Session: Applying Evidence-Based Medicine, Outcomes Research and Practice Guidelines in OEM, American College of Occupational and Environmental Medicine's 87<sup>th</sup> American Occupational Health Conference, Chicago, IL
- 2/03 Developing pharmacoeconomic research, 2003 VA Health Services Research and Development National Meeting, Washington, DC
- 4/03 Cost-effectiveness of VRE surveillance strategies in hospitalized patients, UIC College of Pharmacy Center for Pharmacoeconomics Research Lecture and Seminar Series, Chicago, IL
- 7/03 The economic impact of chronic disability, Burden of COPD: Now and Beyond, 2003 AARC Satellite Symposium, Orlando, FL
- 10/04 Economic costs and modeling in COPD, Research Workshop on the Global Burden of COPD, Vancouver, BC, Canada
- 11/05 COPD Modeling, Improving survival in COPD – assessing the value of life-saving therapy, Rome, Italy
- 6/06 Pharmacoepidemiology: Medication Use as Key Health Behavior and Complicated Confounder, Biomarkers of Social and Health Behavior: Social Influences and Biological Processes, Chicago Conference on Biomarker Collection in Population-Based Health Research, Chicago, IL
- 5/07 Costs and cost-effectiveness analysis in pulmonary and critical care medicine, Sunrise Seminar, ATS 2007 International Conference, San Francisco, CA
- 4/08 Patients with multiple chronic conditions – healthcare system impact and opportunities for improving care, Canadian Psychiatric Association, Ottawa, ON, Canada

**H. Research Support**

*Active*

Lee (co-PI)		
NHLBI	9/09 – 8/11	\$7,439,784
1RC2HL101618-01		
CONCERT-Clinical Effectiveness Research (CONCERT-CER)		
Role: Co-PI		
Jordan (PI)		
VA HSR&D	10/09 – 9/11	\$216,800
Depression care facility-level variation for persons with multimorbidity		
Role: Co-Investigator		
Hidalgo (PI)		
DOD	10/08 – 9/09	\$204,993
HHSP23320045013XI		
Complex chronic care among Tricare beneficiaries: cost effective treatment strategies		
Role: Project Lead Investigator		
Hynes (PI)		
VA HSR&D	5/09 – 4/12	\$846,200
IIR 08-354		
Clinical guidelines for ESA use in cancer: impacts on clinical practice		
Role: Co-Investigator		

Pickard (PI) AHRQ HHSA290-2005-0038-I-TO4-WA2 Development of a multicenter prospective study to assess the effectiveness of treatment for COPD Role: Project Lead Investigator	11/08 – 12/09	\$275,948
Jordan (PI) AHRQ R21HS017635-1 Effect of chronic illness complexity on evidence-based depression treatment Role: Co-Investigator	9/08 – 8/10	\$249,796
Dunlop (PI) NIAMSD R01AR055287 The effect of physical activity guidelines on arthritis-related disability Role: Co-Investigator	5/08 – 4/12	\$807,661
Weiss (PI) RWJ Characterizing costs and episodes of care Role: Co-Investigator	12/07 – 11/09	\$1,178,905
Lee (PI) VA HSR&D IIR 07-178 Management and control of co-existing chronic disease in COPD patients Role: Principal Investigator	On hold	\$262,700
Lee (PI) VA HSR&D IIR 05-293 NSAID Related Adverse Events: Evaluating Risk Using Clinical Information Role: Principal Investigator	7/06 – 6/08	\$349,537
Hynes (PI) VA HSR&D IIR 03-196 Quality and costs of colon cancer care in VA and Medicare Role: Co-Investigator	8/03 – 9/08	\$1,221,717
<b><i>Pending</i></b> Lee (PI) AHRQ Comparative effectiveness of NSAID use on clinical outcomes in patients with COPD Role: Principal Investigator		\$544,369
Morden (PI) NIA		\$445,580

Compound risk: polypharmacy and fracture risk in older persons  
 Role: Co-Principal Investigator

Stroupe (PI)  
 VA HSR&D  
 Medication Self-Management among Veterans Eligible for Medicare Part D  
 Role: Co-Investigator

**Completed**

Pickard (PI)  
 AHRQ  
 HHS290-2005-0038-I-TO4-WA1  
 Comparative effectiveness of anticholinergic medications in  
 patients with chronic obstructive pulmonary disease (COPD)  
 Role: Project Lead Investigator

	8/07 – 12/08	\$224,051
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Lee (PI)  
 VA HSR&D  
 IIR 03-307  
 Outcomes associated with salmeterol use  
 in obstructive lung disease  
 Role: Principal Investigator

	10/04 – 9/07	\$651,900
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Pickard (PI)  
 EuroQol Group  
 Quality of life according to the EQ-5D in asthma and COPD  
 Role: Co-Investigator

	1/07 – 12/07	\$9,200
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Lee (PI)  
 GlaxoSmithKline  
 Assessment of the use and outcomes of antithrombotics  
 following orthopedic surgery in the VA  
 Role: Principal Investigator

	12/06 – 11/07	\$136,165
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Schumock (PI)  
 AHRQ  
 HHS29020050038I  
 Outcomes of COPD Management  
 Role: Project Lead Investigator

	10/05 – 9/06	\$249,851
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Armstrong (PI)  
 VA HSR&D  
 IIR 20-059-2  
 Dermal Thermometry and Self-Care in High Risk Diabetic Patients  
 Role: Co-Investigator

	1/03 – 12/06	\$812,700
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Valenstein (PI)  
 VA HSR&D  
 IIR 01-074  
 Improving antipsychotic adherence among patients with  
 serious mental illness  
 Role: Co-Investigator / Site PI

	3/04 – 10/06	\$153,019
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Sheilds (PI) DoD Consortium on complex chronic illness: improving health care experiences and quality of care among military health system beneficiaries living with chronic illness Role: Co-Investigator	9/04 – 3/06	\$330,873
Walton (PI) Takeda Assessment of the risk of large and small vessel disease in patients with type 2 diabetes Role: Co-Investigator	10/03 – 9/05	\$107,000
Lee (PI) Pfizer Population-based COPD progression estimates Role: Principal Investigator	9/04 – 8/05	\$106,305
Lee (PI) NDC Health Medication adherence in patients with respiratory disease Role: Principal Investigator	9/04 – 8/05	\$125,551
Stroupe (PI) VA HSR&D ECI 02-220 Effect of increased co-payment on pharmacy use in the VA Role: Co-Investigator	7/03 – 6/05	\$402,960
Lee (PI) AAMC-CDC MM-0204-03/03 Pneumococcal Pneumonia in VA Patients with Lung Disease Role: Principal Investigator	10/02 – 9/04	\$171,346
Weiss (PI) AHRQ Outcomes assessment in pediatric asthma Role: Co-Investigator	9/02 – 9/04	\$497,611
Lee (PI) AstraZeneca Examining variations in care and exacerbations in patients with COPD Role: Principal Investigator	7/03 – 6/04	\$63,199
Lee (PI) Alliance (Boehringer-Ingelheim – Pfizer) Characterizing the Burden of Chronic Obstructive Pulmonary Disease Role: Principal Investigator	3/03 – 8/04	\$91,704
Weiss (PI)		

MCR Vision Model of the current and future healthcare expenditures for chronic obstructive pulmonary disease Role: Co-Investigator	6/02 – 9/04	\$169,175
Lee (PI) VA HSR&D LIP 42.078 Comparison of multiple proxy and patient perspectives on quality of life Role: Principal Investigator	9/03 – 12/03	\$9,360
Lee (PI) Pfizer Assessment of the association between the development of Alzheimer's disease and exposure to general anesthesia Role: Principal Investigator	7/03 – 6/04	\$20,808
Lee (PI) GlaxoSmithKline Inhaled corticosteroid use and the risk of fractures in COPD patients in the VA Role: Principal Investigator	8/02 – 6/03	\$86,586
Lee (PI) VA HSR&D LIP 42.066 Development of an algorithm to identify community acquired pneumococcal pneumonia using pharmacy and outpatient data Role: Principal Investigator	6/02 – 9/02	\$8,000
Lee (PI) GlaxoSmithKline Synopsis of the Functional Independence Measure Role: Principal Investigator	1/03 – 6/03	\$1,000
Lee (PI) GlaxoSmithKline Evaluation of selected preference, health status, and function assessment instruments Role: Principal Investigator	1/03 – 6/03	\$2,000
Lee (PI) American Pharmaceutical Association Innovative Research Grant Evaluating the Quality of Pharmacy Drive-Up Services Role: Principal Investigator	1/97 – 5/97	\$1,000

#### 4. SERVICE

##### A. Professional and Scientific Organizations and Societies

1995 – present American Pharmaceutical Association

1997 – present International Health Economics Association  
1997 – present International Society for Pharmacoeconomics and Outcomes Research  
1997 – 2002 American Association of Colleges of Pharmacy  
1999 – present Drug Information Association  
1999 – 2003 Society for Medical Decision Making

### **B. Journals**

1997 Reviewer, Inquiry  
1999 – present Reviewer, Pharmacoeconomics  
1999 – 2000 Reviewer, Quality of Life Research  
2000 – present Reviewer, Journal of Clinical Outcomes Management  
2001 – present Reviewer, Value in Health  
2002 – present Reviewer, Medical Care  
2002 Reviewer, Expert Opinion on Pharmacotherapy  
2003 – present Reviewer, European Respiratory Journal  
2003 – present Reviewer, Medical Decision Making  
2003 – present Reviewer, COPD  
2004 – present Reviewer, Archives of Internal Medicine  
2004 – present Reviewer, JAMA  
2005 – present Reviewer, Chest  
2006 – present Reviewer, Journal of General Internal Medicine

### **C. Committee Service**

1996 – 1997 Drake University, Academic Integrity Committee  
1997 University of Washington, Graduate Admissions Committee  
2002 VA HSR&D 2002 Annual Meeting Poster Awards Committee  
2002 AHRQ Evidence-based Medicine Report on Seasonal Allergies, Effect on Working Populations, Peer reviewer  
2002 JCAHO Disease-Specific Care Asthma Expert Panel, Panel Member  
2002 – 2003 Integrating Economic Analysis into Cancer Clinical Trials Conference, Chicago, IL Co-Chair  
2003 Contributed Research Review Committee, ISPOR 8<sup>th</sup> Annual International Meeting  
2003 – 2004 Medication Compliance Bibliography Working Group, ISPOR Medication Compliance Special Interest Group  
2003 – present Salt Lake Informatics and Patient Safety Enhancement Program, Steering Committee Member  
2003 – present VIREC Pharmacy Data Workgroup, Member  
2005 VA HSR&D Scientific Merit Review Board (SMRB), Chronic Disease Management and Behavioral Processes Review Group, Ad hoc reviewer  
2005 VA HSR&D Scientific Merit Review Board (SMRB), Quality Measurement and Effectiveness Review Group, Ad hoc reviewer  
2005 Michael Smith Foundation for Health Research, Career Awards, External reviewer  
2005 – present VA HSR&D Scientific Merit Review Board (SMRB), Chronic Diseases and Quality Measurement & Effectiveness, Member  
2006 – present ATS Project Committee: How does lack of health insurance contribute to health disparities for patients with lung disease and critical illness?, Member  
2006 – 2007 ISPOR, 2007 Annual Meeting, Contributed Research Review Committee, Co-Chair  
2007 ISPOR Chicago-region Chapter, Organizing Committee  
2007 ISPOR Chicago-region Chapter, Director  
2007 AHRQ, Centers for Education and Research in Therapeutics Special Emphasis Panel (CERTs SEP), Reviewer  
2007 – 2008 Institute for Healthcare Studies, Post-doctoral Fellowship Executive Committee, Member

2007 – present Chicago-area DEcIDE, Steering Committee Member  
2008 – present Research and Development Committee, Hines VA Hospital, Member  
2008 – present ISPOR, Bernie J. O'Brien New Investigator Award Committee, Member

#### **D. Mentoring**

##### ***Career Development Awards***

Karna Murthy, MD, Children's Hospital Research Career Development Award, Children's Hospital. 2008 – present.

Min Joo, MD, University of Illinois at Chicago, NHLBI K-23, 1K23HL09446-01A1. 7/09 – 6/14.

##### ***Fellows***

Mehul Soni, PharmD. AstraZeneca Post-Doctoral Fellow, Institute for Health Services Research and Policy Studies, Northwestern University. 2001 – 2002.

Min Joo, MD, Northwestern University Post-Doctoral T-32 Fellow, Institute for Healthcare Studies, Northwestern University Feinberg School of Medicine. 2005 – 2007.

Rahul Khare, MD, Northwestern University Post-Doctoral T-32 Fellow, Institute for Healthcare Studies, Northwestern University Feinberg School of Medicine. 2006 – 2008.

Yaojen Chang, PhD, Northwestern University Post-Doctoral T-32 Fellow, Institute for Healthcare Studies, Northwestern University Feinberg School of Medicine. 2008 – 2009.

Rahul Khare, MD, Northwestern University Post-Doctoral F-32 Fellow, Northwestern University Feinberg School of Medicine. 2009 – 2010.

##### ***Dissertation/Thesis Committees***

Zhixiao Wang, PhD, Department of Pharmacy Administration, College of Pharmacy, University of Illinois at Chicago. 2006

Sarika Ogale, PhD, Pharmaceutical Outcomes Research and Policy Program, Department of Pharmacy, University of Washington. 2006

Caitlyn Wilke, MS, Department of Pharmacy Administration, College of Pharmacy, University of Illinois at Chicago. 2007

Eunmi Jung, MS, Department of Pharmacy Administration, College of Pharmacy, University of Illinois at Chicago. 2007

#### **E. Community Activities**

2003 Volunteer, Marshall, 2003 United States Open Championship, Olympia Fields, IL  
2006 – present Member, Oak Park Medical Reserve Corps, Oak Park, IL  
2007 – present Marriage Mentorship Mentor, Oak Park, IL