

Laura T. Pizzi, PharmD, MPH
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Areas of Expertise: Evaluation of drugs and other medical technologies;
measurement of health-related work productivity and quality of life
outcomes as related to medication therapy; pharmaceutical policy.

Education:

5/1996 BS in Pharmacy (with honors)
Doctor of Pharmacy (PharmD)
(degrees conferred simultaneously through track-in doctoral program)
Rutgers University College of Pharmacy, Piscataway NJ

5/2003 Masters in Public Health (Epidemiology/Quantitative Healthcare Methods
Track)
New Jersey School of Public Health at the University of Medicine and
Dentistry, Piscataway NJ

Postgraduate Training:

June 1996-June 1997 Fellow, Pharmacoeconomics and Outcomes Research, University of
Pennsylvania Medical Center, Philadelphia PA

Employment Experience:

August 2007-present Division Director, Pharmacoeconomics and Outcomes
Research, Department of Health Policy, Jefferson Medical
College, Philadelphia PA

July 2003-August 2007 Associate Director of Research, Department of Health
Policy, Jefferson Medical College, Philadelphia PA

July 2001-July 2003 Project Director, Office of Health Policy and Clinical
Outcomes, Thomas Jefferson University, Philadelphia PA

February 2001-July 2001 Research Consultant, Office of Health Policy and Clinical
Outcomes, Thomas Jefferson University, Philadelphia PA

September 2000-February 2001 Freelance Consultant, SimStar Internet Solutions, Princeton
NJ and Epotec Inc., Wilmington, Delaware

August 1999-August 2000 Group),	Project Manager, HealthAnswers.com, a division of HealthAnswers, Inc. (now Patient Marketing Pennington NJ
August 1998- July 1999	Manager, Outcomes Research, Hastings Healthcare Group (now Patient Marketing Group), Pennington NJ
July 1997- August 1998	Clinical Information Specialist, Hastings Healthcare Group Pennington NJ
February 1996- July 1996	Pharmacist, CVS Pharmacy, Bergen County New Jersey District

Faculty Appointments:

August 2006-present	Adjunct Assistant Professor of Pharmaceutical Business, University of the Sciences in Philadelphia, Philadelphia, PA
November 2005-present	Research Associate Professor of Health Policy, Jefferson Medical College, Philadelphia PA
November 2004-present	Full Member, Graduate Faculty, Jefferson College of Graduate Studies, Philadelphia PA
September 1999-September 2001	Adjunct Instructor, Rutgers University College of Pharmacy, Piscataway NJ (preceptor of PharmD students)
March 1998-March 1999	Adjunct Clinical Assistant Professor, University of Rhode Island College of Pharmacy, Kingston RI (preceptor of PharmD students)

Teaching Experience:

2006-present	Course Instructor, Introduction to Health Policy, Department of Pharmaceutical and Healthcare Business, University of the Sciences in Philadelphia, Pharmaceutical MBA Program
2006-present	Course Instructor, Health Policy 401, Jefferson Medical College, Philadelphia PA
2005-present	Course Instructor, Clinical Research: From Policy to Practice, Thomas Edison State College, Trenton NJ

2003-present	Course Instructor, GC650: Economic Evaluation of Health Care Interventions, Jefferson College of Graduate Studies
2003-2006	Fellowship Director, Department of Health Policy, Jefferson Medical College (supervision and mentorship of postdoctoral fellows, as well as recruitment, performance evaluation, contracting, coordination and communication with industry sponsors, and development and oversight of fellowship budgets)
2002-present	Guest Lecturer for GC515: Quality Measurement and Outcomes Analysis, and PH506: Health Services Research
2004	Co-Instructor, PB772: Introduction to Health Policy, University of the Sciences of Philadelphia, Pharmaceutical MBA Program

Bibliography:

Research Publications, Peer-Reviewed

1. Hayes E, Moroz L, **Pizzi L**, Baxter J. A cost decision analysis of four tocolytic drugs. *American Journal of Obstetrics & Gynecology* 2007;197(4): 383-383.
2. Lofland JH, Gagne JJ, **Pizzi LT**, Rupnow M, Silberstein SD. Impact of topiramate migraine prophylaxis on workplace productivity: results from two US randomized, double-blind, placebo-controlled, multicenter trials. *Journal of Occupational and Environmental Medicine* 2007 Mar;49(3):252-7.
3. **Pizzi LT**, Patel NM, Maio VM, Goldfarb D, Michael B, Fuhr JP, and Goldfarb NI. Economic Implications of non-adherence to treatment recommendation for hemodialysis patients with anemia. *Dialysis and Transplantation* 2006; 35(11):660-671.
4. **Pizzi LT**, Weston CM, Howell JB, Goldfarb NI, Cobb N, Cohen S, Infantolino A, and DiMarino A. Impact of Chronic Conditions on Quality of Life in Patients with Inflammatory Bowel Disease. *Inflammatory Bowel Diseases* 2006;12(1):47-52.
5. Salvador CG, Sikirica M, Evans A, **Pizzi L**, and Goldfarb N. Clinical and Economic Outcomes of Prolonged Postoperative Ileus in Patients Undergoing Hysterectomy and Hemicolectomy. *P&T* 2005; 30(10): 590-5.
6. Roumm A, **Pizzi LT**, Goldfarb NI, Cohn H. Minimally Invasive: Minimally Reimbursed? An Examination of Six Laparoscopic Surgical Procedures. *Surgical Innovation* 2005; 12(3):261-88.

7. **Pizzi LT**, Howell JB, Carter CC, Johnson NE, Vallow SM. Work Loss and Healthcare Utilization Among U.S. Employees With Chronic Non-Cancer Pain. *Disease Management and Health Outcomes* 2005; 13(3):201-8.
8. Maio V, **Pizzi L**, Roumm AR, Clarke J, Goldfarb NI, Nash DB, and Chess D. Pharmacy Utilization and the Medicare Modernization Act. *The Milbank Quarterly* 2005;83(1):101-30.
9. **Pizzi LT**, Suh DC, Nash DB, and Barone J. Factors Related to Physicians' Adoption of Electronic Prescribing: Results of a National Survey. *American Journal of Medical Quality* 2005; 20(1):22-32.
10. Goldfarb NI, **Pizzi LT**, Fuhr JP, Salvador C, Sikirica V, Kornbluth A, and Lewis B. Diagnosing Crohn's Disease: An Economic Analysis Comparing Wireless Capsule Endoscopy with Traditional Diagnostic Procedures. *Disease Management* 2004;7(4):292-304.
11. **Pizzi LT**, Howell JB, Deshmukh A, Cohen H, and Nash, DB. Clinical Information Systems. *American Journal of Health-System Pharmacy* 2004;61:76-81.
12. Lofland JH, **Pizzi LT**, and Fricke K. A Review of Productivity Instruments. *Pharmacoeconomics* 2004; 22(3):165-84.
13. Goldfarb NI, Maio V, Carter CT, **Pizzi L**, and Nash DB. How does quality enter into healthcare purchasing decisions? *The Commonwealth Fund Issue Brief*, May 2003
14. Loepke R, Hymel PA, Lofland JH, **Pizzi LT**, Konicki DL, Anstadt GW, Baase C, Fortuna J, Scharf T, on behalf of the members of the American College of Occupational and Environmental Medicine Expert Panel. Health-Related Workplace Productivity Measurement: General and Migraine Specific Recommendations from the ACOEM Expert Panel. *Journal of Occupational and Environmental Medicine* 2003;45(4):349-59.
15. **Pizzi LT**, Menz JM, Graber GG, and Suh DC. From product-dispensing to patient-care: the role of the pharmacist in providing pharmaceutical care as part of an integrated disease management approach. *Disease Management* 2001; 4(4):143-54.
16. **Pizzi LT**, Biskupiak JE. Patient Compliance and Its Impact on Treatment Outcomes. *Disease Management and Health Outcomes* 1999;6(5):269-278.
17. Toscani MR, **Scheidemann LT**, Nottermann R. Onychomycosis: A disease management perspective. *Journal of Clinical Outcomes Management* 1996; 3(3): 59-63.

Abstracts, Peer-Reviewed:

1. Short J, Maio V, **Pizzi LT**. Evaluation of the Impact of the Philadelphia Community Pharmacy Network Program. Accepted for presentation at the American Pharmaceutical Association (APhA) Annual Conference and Exposition. Atlanta, GA, March 2007.
2. **Pizzi LT**, McIlwain M, Dahl NV. Safety of Transdermal Oxybutynin in the Treatment of Overactive Bladder among Patients Using Other Transdermal Medications: Results of the MATRIX Study. Accepted for poster presentation at the 108th Annual Meeting of the American Society for Clinical Pharmacology and Therapeutics (ASCPT). Anaheim California, March 2007.
3. Hayes E, Almario C, **Pizzi LT**, Kraft W, and Baxter J. Low molecular weight heparin, the most cost effective treatment of venous thromboembolism. Accepted for poster presentation at the Society for Maternal Fetal Medicine (SMFM) 27th Annual Conference, San Francisco California, February 2007.
4. Hayes E, L, Freehill N, **Pizzi LT**, Baxter J. Nifedipine is the most cost effective tocolytic. Accepted for poster presentation at the Society for Maternal Fetal Medicine (SMFM) 27th Annual Conference, San Francisco California, February 2007.
5. Sand PK, Kelleher C, **Pizzi LT**, and Dahl NV. Effect of Treatment For Overactive Bladder on Work Productivity: Results from the MATRIX Study. Poster presentation at the International Urogynecological Association (IUGA) 31st Annual Meeting, Athens Greece, September 2006.
6. **Pizzi LT**, Gagne JJ, Lofland JH, Rupnow M, Smith KD, and Poston S. Effect of Topiramate Migraine Prophylaxis on Workplace Productivity: Results from Two U.S. Randomized, Double-Blind, Placebo-Controlled, Multicenter Trials. Poster presentation at the 48th Annual Scientific Meeting of the American Headache Society, Los Angeles California, June, 2006.
7. Singh M, **Pizzi LT**, Lofland JL, Higashi M, and Patel N. Economic Burden of Work Loss Among Sufferers of Lymphatic Filariasis: An Eradicable Global Health Problem. Podium presentation at the 11th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Philadelphia Pennsylvania, May 2006.
8. Lofland JH, Rupnow M, Gagne JJ, Smith KD, Poston S, **Pizzi LT**, and Papadopoulos G. Impact of Topiramate for Migraine Prophylaxis on

Workplace Productivity: Results from a U.S. Randomized, Double-Blind, Placebo-Controlled, Multicenter Trial. Poster presentation at the American Academy of Neurology (AAN) Annual Meeting. San Diego California, April 2005.

9. Talati AR, **Pizzi LT**, Dahl N, and Gemmen E. Validation of the Work Productivity Questionnaire: Results of the MATRIX Study. Podium presentation at the 11th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Philadelphia Pennsylvania, May 2006.
10. Gagne JJ, Lofland JH, Rupnow M, Smith KD, Poston S, and **Pizzi LT**. Impact of Topiramate For Migraine Prophylaxis On Workplace Productivity: Results From Two U.S. Randomized, Double-Blind, Placebo-Controlled, Multicenter Trials. Podium presentation at the 11th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Philadelphia, Pennsylvania, May 2006.
11. **Pizzi LT**, Gemmen E, Dahl NV. Characteristics Related To Productivity Loss In Patients With Overactive Bladder: Results From The MATRIX Study. Podium presentation at the 8th Annual European Congress of the International Society for Pharmacoeconomics and Outcomes Research, Florence Italy, November 2005.
12. Weston C, Poston S, **Pizzi L**, Goldfarb N, Sikirica V, Reifsnnyder J, and Maxwell T. Opioid use in a large national hospice population: Examination of cancer versus non-cancer patients. Poster presentation at the 10th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Washington DC, May 2005.
13. Patel N, Goldfarb N, Hartmann CW, Maio V, Horn DL, and **Pizzi L**. Impact of complicated skin and soft tissue infections on inpatient costs for an academic medical center. Poster presentation at the 10th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Washington DC, May 2005.
14. Salvador CG, Sikirica M, Evans A, **Pizzi LT**, Goldfarb NI. Clinical and Economic Outcomes of Patients with Prolonged Postoperative Ileus Undergoing Hysterectomy and Hemicolectomy at an Academic Medical Institution. Accepted for poster presentation at the American Society of Health-Systems Pharmacists Midyear Clinical Meeting, Orlando Florida, December, 2004.
15. Goldfarb NI, **Pizzi LT**, Fuhr JP, Salvador C, Sikirica V, Kornbluth, A, and Lewis B. Role of Wireless Capsule Endoscopy in the Diagnosis of Crohn's

Disease: An Economic Analysis. (Abstract No. 107314) Poster Presentation at Digestive Disease Week, New Orleans Louisiana, May 2004.

16. Weston C, Sikirica V, **Pizzi L**, Goldfarb N, Moretti D, Cobb N, Howell J, Infantolino A, DiMarino A, Cohen S. Work Loss and Activity Impairment Due to Inflammatory Bowel Disease. Podium presentation at the 9th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Crystal City Virginia, May 2004.
17. Chess D, Goldfarb NG, **Pizzi LT**. Impact of Pharmaceutical Utilization Measures on Seniors (workshop). American Society on Ageing Conference: Care Management in an Ageing Society, Philadelphia Pennsylvania, October 2003.
18. **Pizzi LT**, Carter CT, Johnson NE, Howell JB, Vallow SM, Frank ED. Work Loss And Healthcare Utilization Among U.S. Employees With Chronic Non-Cancer Pain. Podium presentation at the 8th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Crystal City Virginia, May 2003.
19. Belazi D, Crawford AG, **Pizzi LT**. Impact of Direct to Consumer Advertising: The Consumer Search for Information. Podium presentation at the 7th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Crystal City Virginia, May 2002.
20. Carter CC, Maio VM, **Pizzi LT**, Lofland JH, Lakhia P. Paving a Road to Success: How to Obtain An Outcomes Research Fellowship within the Pharmaceutical Industry. Podium presentation at the 6th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Crystal City Virginia, May 2002.
21. Parasuraman TV, **Pizzi LT**, Toscani MR, Coleman M, and Decker D. Telephony As A Cost Efficient Method For Assessing Health Care Utilization And Productivity Loss In An Employed Population. Poster presentation at the 7th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Crystal City Virginia, May 1999.
22. Parasuraman TV, **Pizzi LT**, Toscani MR, and Coleman M. Influence of Motivating Factors And Barriers On Influenza Vaccination In An Employed Population. Poster Presentation at the 4th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Crystal City Virginia, May 1999.
23. **Pizzi LT**, Laskin MS, Gibson GA. Incidence and Cost of IVIg-Induced Thromboembolic Events. Platform presentation at the American Society of

Health-System Pharmacists Midyear Clinical Meeting, Atlanta Georgia, December 1997.

24. **Pizzi LT**, Laskin MS, Gibson GA. Fishbone Analysis of Digoxin Adverse Drug Events at a Large Teaching Institution. Poster presentation at the American Society of Health-System Pharmacists Midyear Clinical Meeting, Atlanta Georgia, December 1997.
25. **Pizzi LT**, Kinky DE, Erush SA, Gibson GA. Development of a Cost-Consequence Model to Evaluate New Drugs for Formulary Addition. Poster presentation at the American Society of Health-System Pharmacists Midyear Clinical Meeting, Atlanta Georgia, December 1997.
26. **Pizzi LT**, Gibson GA. Development of a Skeletal Muscle Blocking Agent Formulary Streamlining Process. Platform presentation at the American Society of Health-System Pharmacists Midyear Clinical Meeting, Atlanta Georgia, December 1997.
27. **Pizzi LT**, Gibson GA, and Laskin M. Incidence and Cost of IVIG-Induced Thromboembolic Events: A Pharmacoepidemiologic and Pharmaco-economic Analysis. Platform presentation at the Eastern States Residency Conference, Baltimore Maryland, May 1997.
28. Haplea SS, Farrar J, Gibson GA, **Pizzi LT**, Laskin M, and Asbury AK. Thromboembolic Events Associated with Intravenous Immunglobulin. Poster presentation at the American Academy of Neurology (AAN) Annual Meeting, Boston Massachusetts, April 1997.

Editorials, Reviews, Chapters, including participation in committee reports:

1. **Pizzi LT**, Gagne JJ, Smith KD. Pills and Productivity: What Economic Theory Tells Us about the Impact of Pharmaceuticals on Work Function. *ISPOR Connections* 2006;12(6): 7-8.
2. **Pizzi LT**. Literature Review. *American Journal of Medical Quality* 2006;21(2): 76.
2. **Pizzi LT**. Department of Health Policy Fellowship Programs: A Tradition of Excellence. *Health Policy Newsletter* 2005;18(4):7.
3. **Pizzi LT**, Howell JH, Lofland JH. The Role of the Pharmacist in Disease Management. In: Petersen AM (ed). *Managing Pharmacy Practice: Principles, Strategies, and Systems*. Boca Raton, Florida: CRC Press, 2004.

4. **Pizzi LT** and Nash DBN. Education on the front line of heartburn management (invited commentary). *Managed Care Consultant: First Report*. Experts caution on promoting heartburn self-treatment without proper education. The Role of the Pharmacist in Managing GERD: A Managed Care Perspective. Continuing education program for pharmacists released December 2003.
5. **Pizzi LT**, Goldfarb N, Nash DB. Chapter 40. Promoting a Culture of Safety, Chapter 44. Crew Resource Management and its Applications in Medicine, Chapter 48. Procedures For Obtaining Informed Consent, Chapter 50. Other Practices Related to Patient Participation. In: *Making Health Care Safer: A Critical Analysis of Patient Safety Practices*. Shojania KG, Duncan BW, McDonald KM, Wachter RM, editors. Evidence Report/Technology Assessment No. 43, AHRQ Publication No. 01-E058; July 2001. Full report available at <http://www.ahrq.gov/clinic/evrptfiles.htm>
6. Toscani MT and **Pizzi LT**. Measuring and Improving the Intervention. In: Patterson R and Demak-Epstein M, eds. *Changing Patient Behavior*. Chicago: AHA Press, 2000.

Book:

Pizzi LT and Lofland JL (eds). *Economic Evaluation in U.S. Healthcare: Principles and Applications*. Sudbury, MA: Jones and Bartlett, 2005.

Publications, Accepted:

Pizzi LT, Lee SP, Richardson D, and the Breakthrough Pain Study Group. Resource Utilization due to Breakthrough Pain: Results from a Prospective Study on Patients with Chronic Painful Conditions. Accepted for poster presentation at the International Society for Pharmacoeconomics and Outcomes Research 10th Annual European Congress, Dublin Ireland, October 23, 2007.

Pizzi LT, Lee SP, Richardson D, and the Breakthrough Pain Study Group. Preception of Breakthrough Pain in Patients with Chronic Painful Conditions. Accepted for poster presentation at the International Society for Pharmacoeconomics and Outcomes Research 10th Annual European Congress, Dublin Ireland, October 23, 2007.

Pizzi LT, Bunz TJ, Goldfarb DS, Singh AK, and Coyne D. Ferric Gluconate Yields Cost Savings in Hemodialysis Patients with High Ferritin and Low TSAT: Results from the DRIVE Studies. Accepted for poster presentation at the American Society of Nephrology Renal Week, San Francisco CA, November 2, 2007.

Publications, Submitted:

Pizzi LT, Lofland JL, Bunz T, and Gagne JJ. Productivity Measurement Alongside Clinical Trials: Theoretical and Practical Considerations. Accepted pending revisions by *PharmacoEconomics*.

Pizzi LT and Bunz T. Anemia in Chronic Kidney Disease (editorial). In development for *Disease Management*.

Other Lectures and Workshops:

- April 2007 The Employer's Role in Influencing Patient Compliance and Adherence. Invited presentation to the Center for Business Intelligence (CBI) 6th Annual Forum on Patient Compliance and Persistency, Philadelphia PA.
- January 2007 Bariatric Surgery: Communicating the Value to Healthcare Payors and Purchasers. Invited presentation to the Tri-State Bariatric Surgical Association at Temple University, Philadelphia PA.
- May 2006 Collecting and Using Productivity Data Alongside Clinical Trials. Workshop at the Podium presentation at the 11th Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, Philadelphia PA.
- January 2006 Minimally Invasive: Minimally Reimbursed? Strategies for Employers Concerned with Surgical Value. Invited presentation to the NY Business Group on Health., New York NY.
- November 2005 Economic Modeling Training Workshop. Invited presentation to international group of Johnson and Johnson employees, East Brunswick NJ
- July 2005 Advanced Economic Modeling Training Program. Invited presentation to AstraZeneca U.S. employees.
- November 2004 Quality of Life and Work Lost in Patients with Inflammatory Bowel Disease (IBD). Presentation to the Crohn's and Colitis Foundation of America (CCFA) Patient Support Group, Philadelphia-area chapters, Philadelphia PA.
- February 2003,
March 2004 Introduction to Outcomes Research. Invited presentation to students enrolled in the Drug Development and Clinical Research class at Mercer County Community College, West Windsor NJ

Committees at Thomas Jefferson University:

2007-present	Member, Curriculum Steering Committee, Jefferson School of Pharmacy
2006	Leader, Industry Relations Work Group, Department of Health Policy, Jefferson Medical College
03/2005-11/2005	Member, Strategic Planning Committee, Jefferson School of Pharmacy
2004-present	Member, Masters in Public Health (MPH) Advisory Committee, Jefferson College of Graduate Studies
2004-2005	Workgroup Leader, Public Health Advancement Team (PHAT), Department of Health Policy, Jefferson Medical College

Congressional Testimony

December 2006	Testimony before the U.S. House of Representatives Committee on Ways and Means, Hearing on Patient Safety and Quality Issues in End Stage Renal Disease Treatment, December 06, 2006. Available at: http://waysandmeans.house.gov/hearings.asp?formmode=view&id=5370
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Other Relevant Activities:

May 2005, May 2006, May 2007	Invited session moderator for the Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research (ISPOR)
2007	Reviewer of submitted workshops for the ISPOR European Congress
2007	Reviewer for <i>Health Services Research, Managed Care</i> , and the <i>International Journal for Health Economics</i>
January 2007-present	Media Advisor. American Pharmaceutical Association (APhA) Media Advisors Network
January 2007- present	Member, Quality Council, Stonybrook University Medical Center, Islip NY
October 2006-present	Faculty Advisor for the International Society of Pharmacoeconomics and Outcomes Research (ISPOR), Jefferson Student Chapter
2004	Invited reviewer for articles submitted to <i>Clinical Therapeutics</i> , <i>Pharmacoeconomics and the Journal of Clinical Outcomes Management</i>

February 2004 Participant, Partnerships for Health: Informing Policy and Practice in Pennsylvania. Harrisburg, PA. Meeting funded by the Agency for Healthcare Research and Quality and facilitated by AcademyHealth

2003-present Reviewer, submissions to the *American Journal of Health System Pharmacy*

2003 Member, abstract review committee for the Disease Management Association of America (DMAA) annual meeting

2002 Invited reviewer for National Safety Council Annual Awards for Safety and Productivity

Licensure: Registered Pharmacist (Pennsylvania License # RP-042679-L)

Awards and Honors:

2005 Best Podium Presentation, ISPOR European Congress

2003 Medstat Investigator Award

2000 Staff Award, Hastings Healthcare Group Inc.

Memberships in Professional Societies:

American Society of Health-System Pharmacists (ASHP)

International Society for Pharmacoeconomics and Outcomes Research (ISPOR)

American Pharmaceutical Association (APhA)

Please Google “Laura Pizzi” or “Laura T. Pizzi” for more information.