

Thomas J. Bunz, Pharm.D., Ph.D. Candidate
Curriculum Vitae
January 2011
ThomasBunz@gmail.com

Employment Experience:

- 2008-Present Clinical Program Manager, CIGNA HealthCare, Bloomfield, CT
In this position, I am responsible for leading the development and completion of pharmacoeconomic evaluations and reporting for CIGNA pharmacy management's clinical outreach programs. Some examples of projects that have been completed include:
- Developed value reporting algorithms for CIGNA's evidence based medicine rules engine
 - Designed, carried out, and reported on studies of the cost savings associated with CIGNA's pharmacist consult services
 - Evaluated the association between adherence to several classes of specialty pharmaceuticals and overall medical costs
 - Developed, carried out, and reported on several studies evaluating the benefits of integrated pharmacy and medical benefits management
 - Evaluate outcomes based pharmaceutical contracts to ensure methodology described in the contracts is adequate
- 2006-2008 Research Faculty, Thomas Jefferson University, Philadelphia, PA
In this position, I had the opportunity to work with clients in the pharmaceutical and managed care industries to conduct health economics and outcomes research. Some examples of projects that I lead include:
- A cost-effectiveness model examining the economic impact of adding IV iron to anemic hemodialysis patients with high ferritin and low transferrin saturation
 - An economic model examining the cost-effectiveness of overactive bladder treatments for inclusion in an AMCP dossier
 - A literature review identifying the potential epidemiologic and economic impact for new or improved vaccines for Meningitis as well as Staphylococcal infection
 - A study examining the impact of injection site reactions on patient's acceptance of biological treatments for rheumatoid arthritis
 - An economic model of clinical trial data to determine the economic impact of disc replacement versus spinal fusion for the treatment of lower back pain
- 2005-2006 Postdoctoral Fellow, College of Pharmacy, University of Rhode Island, Kingston, RI
In this position, I had the opportunity to work with partners of the University of Rhode Island's Healthcare Utilization Management Center in order to better understand the costs associated with mental healthcare.
- 2004-2005 Clinical Pharmacist, Advanced Pharmacy Concepts, North Kingstown, RI
At APC I worked with several clients in the managed care industry in order to improve the efficiency of care as well as clinical outcomes. Some projects included:
- Worked with CMS to review the formularies of Part D benefits managers in order to ensure that there was compliance with CMS regulations.
 - Worked with a new pharmacy benefits manager to develop prior authorization guidelines and procedures.
 - Provided patient level clinical services to several managed care organizations
- 2003 Intern, AMCP/ Pfizer Managed Care Pharmacy Internship, Alexandria, VA and Cleveland, OH
During this internship, I had the opportunity to work with pharmacoeconomists at the VA, as well as clinical education consultants from Pfizer, and administrative staff of the Academy of Managed Care Pharmacy to study the quality of care provided to Veterans undergoing treatment with amiodarone.

Education:

2004-present PhD Candidate University of Rhode Island (Pharmacoepidemiology and Pharmacoeconomics)
 1998-2004 PharmD University of Rhode Island (Pharmacy)

Academic Appointments:

2006-2008 Research Instructor, Department of Health Policy, Jefferson Medical College, Thomas Jefferson University, Philadelphia, PA
 2006-2008 Associate Faculty, College of Graduate Studies, Thomas Jefferson University, Philadelphia, PA

Training and Fellowship Appointments:

2005-06 Postdoctoral Fellowship, Pharmacoepidemiology and Pharmacoeconomics, University of Rhode Island, College of Pharmacy
 2003 AMCP / Pfizer Managed Care Pharmacy Summer Internship Program, Academy of Managed Care Pharmacy (AMCP)

Licensure:

2004-present License to Practice Pharmacy in Rhode Island
 2007-2010 License to Practice Pharmacy in New Jersey

Academic Committees:

2006-2008 Pharmacoeconomics and Clinical Effectiveness (PEACE) Committee at Thomas Jefferson University Hospital
 2007-2008 ACPE accreditation advisory committee in the Department of Health Policy, Jefferson Medical College

Awards, Honors, and Membership in Honorary Societies:

2005 Top 15% of reviewers for quality and accuracy, JMCP
 1998, 2003, 2004 Dean's List
 1999 Phi Eta Sigma Freshman Honor Society
 1998 Eagle Scout
 1998 Centennial Scholarship

Professional Organizations:

Academy Health
 Academy of Managed Care Pharmacy (AMCP) (Peer Reviewer for JMCP 2003-2005)
 International Society for Pharmacoeconomics and Outcomes Research (ISPOR) (Secretary and Treasurer for URI Student Chapter 2005-2006)
 KY Pharmaceutical Fraternity, Inc., BE chapter (Rush Chair 2000-2001; Vice Regent 2001-2002; Historian 2002-2003)
 KY Pharmaceutical Fraternity, Inc., Providence Graduate Chapter (Vice Regent 2005-2006)

Teaching Experience:

2008 Co-Instructor: GC654 – Pharmacoepidemiology, Jefferson College of Graduate Studies
 2007 – 2008 Co-Instructor: GC650 – Economic Evaluation of Healthcare Interventions, Jefferson College of Graduate Studies

Presentations, Lectures, and Workshops:

- Sep. 2010 What is a PBM? - Invited presentation for first year pharmacy students, Thomas Jefferson University
- Apr. 2008 Introduction to Economic Evaluation – Presented to medical students and faculty, Thomas Jefferson University
- Nov. 2007 Case Study: Economic Analysis in an AMCP Dossier – Presented to medical information staff at Ortho-McNeil Janssen as part of the OMJSA PE Training Program
- Nov. 2007 Dealing with Uncertainty: What Makes a Good Model? – Presented to medical information staff at Ortho-McNeil Janssen as part of the OMJSA PE Training Program
- Oct. 2006 Introduction to Modeling Using TreeAge Data 4.0 – A 2-part workshop presented to fellows and staff in the Department of Health Policy, Thomas Jefferson University

Bibliography:Peer-Reviewed Publications:

- Pizzi LT, Talati A, Gemmen E, Dahl NV, **Bunz TJ**, Sand PK, Impact of transdermal oxybutynin on work productivity in patients with overactive bladder: Results from the MATRIX study. *Pharmacoeconomics*. 2009;27(4):329-39
- Pizzi L, **Bunz TJ**, Coyne DW, Goldfarb DS, Singh AK, Ferric gluconate treatment provides cost savings in patients with high ferritin and low transferrin saturation. *Kidney Int*. 2008; 74(12):1588-95

Peer-Reviewed Abstracts:

- Bunz TJ**, Nguyen HV, "Pharmacy Benefit Integration and Adherence to Evidence-Based Medicine in a Commercially-Insured Population"
ISPOR Annual International Meeting, Atlanta, GA, May 15-19, 2009
- Miller K, Conner TM, **Bunz TJ**, Wadsley CJ, "A Preliminary Analysis of Biological Medication Taking Behavior Among Rheumatoid Arthritis Patients"
ISPOR Annual International Meeting, Orlando, FL, May 16-20, 2009
- Pizzi L, **Bunz TJ**, Goldfarb DS, Coyne DW, Singh AK, "Ferric Gluconate Yields Cost-Savings in Hemodialysis Patients with High Ferritin and Low TSAT: Results from the DRIVE Studies"
American Society of Nephrology (ASN) Renal Week 2007, San Francisco, CA, October 31 – November 5, 2007
- Lee SP, **Bunz TJ**, Gagne JJ, Maio V, Goldfarb NI, Horn DI, Swanson, R, "Determinants of Total Hospital Costs among Inpatients with Candidemia"
ISPOR Annual International Meeting, Washington, DC, May 19-23, 2007
- Bunz TJ**, Quilliam BQ, Marcoux RM, Larrat EP, "Use of Administrative Data To Observe the Cost and Prescribing Patterns for Mental Health Care in a Medicaid Population"
International Conference on Pharmacoepidemiology & Therapeutic Risk Management, Lisbon, Portugal, August 24-27, 2006
- Larrat EP, **Bunz TJ**, Marcoux RM, Quilliam BJ, "A Unique Program In Healthcare Management At The University of Rhode Island College of Pharmacy"
Annual Meeting of the American Association of Colleges of Pharmacy, San Diego, CA, May 10, 2006

Dore DD, **Bunz TJ**, Kogut SJ, "Drug Therapy for Alzheimer's Disease: Persistence on Choline Esterase Inhibitors Measured Using Medicaid Pharmacy Claims Data"
APhA Annual Meeting, Seattle, WA, March 27-29, 2004

Bunz TJ, Dore DD, Kogut SJ, "Persistence After Cholinesterase Therapy Change in a Medicaid Dataset"
APhA Annual Meeting, Seattle, WA, March 27-29, 2004

Low MB, Borese JV, **Bunz TJ**, Olmon MA, "Amiodarone Adverse Effects Monitoring in Veterans"
AMCP Educational Conference, Montreal, QC, October 19, 2003

Editorials:

Pizzi LT, **Bunz TJ**, Commentary on Anemia in Chronic Kidney Disease: An Opportunity and Challenge for Disease Management. *Dis Manag.* 2008;11:47-48.

Newsletters:

Bunz TJ, Pizzi LT, "Challenges and Benefits in Using Productivity Data from Clinical Trials for VBP Decisions"
Value-Based Purchasing, March, 2008

Bunz TJ, "Statins and Alzheimer's Disease: Is There a Benefit?"
RI Geriatric Education Center Newsletter, Winter 2003-2004