

TODD A. OLMSTEAD

Associate Professor of Public Affairs
Lyndon B. Johnson School of Public Affairs
University of Texas at Austin
P.O. Box Y, Austin TX 78713-8925
(512) 471-8456; tolmstead@austin.utexas.edu

EDUCATION

- 2000 Ph.D., Public Policy, Harvard University
- 1994 M.S., Operations Research, The University of North Carolina at Chapel Hill
- 1989 M.S., Industrial Engineering, State University of New York at Buffalo
- 1987 B.S., Industrial Engineering, State University of New York at Buffalo

EXPERIENCE

- 2013 – present **Associate Professor of Public Affairs**
Lyndon B. Johnson School of Public Affairs, University of Texas at Austin
- 2012 – 2013 **Associate Professor of Public Policy**, School of Public Policy, George Mason University
- 2009 – 2012 **Assistant Professor of Public Policy**, School of Public Policy, George Mason University
- 2007-2009 **Assistant Professor (Research)**, University of Connecticut Health Center
- 2002-2006 **Associate Research Scientist**, School of Public Health, Yale University
- 2002-2003 **Research Fellow**, Kennedy School of Government, Harvard University
- 2000-2002 **Associate Consultant**, McKinsey & Company Inc.
- 1987-1991 **Operations Research Analyst**, Union Carbide Industrial Gases Inc.

PUBLICATIONS

Peer-Reviewed Journal Articles

- Rash, C, Ginley, M, Olmstead, TA, and N Petry, “Contingency Management Treatment in Cocaine Using Methadone Maintained Patients With and Without Legal Problems”, *Drug and Alcohol Dependence*, forthcoming.
- Petry, N, Alessi, S, Olmstead, TA, Rash, C, and K Zajac, “Contingency Management Treatment for Substance Use Disorders: How Far Has It Come, and Where Does It Need To Go?”, *Psychology of Addictive Behaviors*, forthcoming.
- Martino, S, Paris, M, Anez, L, Nich, C, Canning-Ball, M, Hunkele, K, Olmstead, TA, and KM Carroll, “The Effectiveness and Cost of Clinical Supervision for Motivational Interviewing: A Randomized Control Trial,” *Journal of Substance Abuse Treatment*, 68, 11-23, 2016.
- Olmstead, TA, Alessi, SM, Kline, B, Pacula, RL, and N Petry, “The Price Elasticity of Demand for Heroin: Matched Longitudinal and Experimental Evidence,” *Journal of Health Economics*, 41, 59-71, 2015.
- Martino, S, Zimbren, P, Forray, A, Kaufman J, Desan, P, Olmstead, TA, Gueorguieva, R, Howell, H, McCaherty, A, and K Yonkers, “See One, Do One, Order One: A Study Protocol for Testing Three Strategies for Implementing Motivational Interviewing on Medical Inpatient Units,” *Implementation Science*, 10:138, 2015.
- Olmstead, TA, Cohen, JP, and N Petry, “Healthcare Service Utilization in Substance Abusers Receiving Contingency Management and Standard Care Treatments,” *Addiction*, 107, 1462-1470, 2012.

- Olmstead, TA, Abraham, AJ, Martino, S, and P Roman, "Counselor Training in Several Evidence-Based Psychosocial Addiction Treatments in Private US Substance Abuse Treatment Centers," *Drug and Alcohol Dependence*, 120, 149-154, 2012.
- Olmstead, TA, Carroll, K, Canning-Ball, M, and S Martino, "Cost and Cost-effectiveness of Three Strategies for Training Clinicians in Motivational Interviewing," *Drug and Alcohol Dependence*, 116, 195-202, 2011.
- Olmstead, TA, Ostrow, C, and K Carroll, "Cost Effectiveness of Computer-Assisted Training in Cognitive-Behavioral Therapy as an Adjunct to Standard Care for Addiction," *Drug and Alcohol Dependence*, 110, 200-207, 2010.
- Olmstead, TA, and N Petry, "The Cost Effectiveness of Prize-based and Voucher-based Contingency Management in a Population of Cocaine- or Opioid-dependent Outpatients," *Drug and Alcohol Dependence*, 102, 108-115, 2009.
- Rash, CJ, Olmstead, TA, and N Petry, "Income Does Not Affect Response to Contingency Management Treatments Among Community Substance Abuse Treatment-seekers," *Drug and Alcohol Dependence*, 104, 249-253, 2009.
- Olmstead, TA, Sindelar, JL, Easton, CJ, and K Carroll, "The Cost-Effectiveness of Four Treatments for Marijuana Dependence," *Addiction*, 102:9, 1443-1453, 2007.
- Olmstead, TA, Sindelar, JL, and N Petry, "Clinic Variation in the Cost-Effectiveness of Contingency Management," *American Journal on Addictions*, 16:6, 457-460, 2007.
- Sindelar, JL, Olmstead, TA, and J Peirce, "Cost-Effectiveness of Prize-Based Contingency Management in Methadone Maintenance Treatment Programs," *Addiction*, 102:9, 1463-1471, 2007.
- Olmstead, TA, Sindelar, JL, and N Petry, "Cost-Effectiveness of Prize-Based Incentives for Stimulant Abusers in Outpatient Psychosocial Treatment Programs," *Drug and Alcohol Dependence*, 87:2/3, 175-182, 2007.
- Olmstead, TA, Roman, PM, Johnson, JA and Sindelar, JL, "Why are Recovering Substance Abuse Counselors Paid Less?" *Substance Abuse*, 28:1, 31-44, 2007.
- Olmstead, TA and JL Sindelar, "Does the Impact of Managed Care on Substance Abuse Treatment Services Vary By Provider Profit Status?" *Health Services Research*, 40:6, 1862-1882, 2005.
- Olmstead, TA, Sindelar, JL, Johnson, JA and P Roman, "What are the Correlates of Substance Abuse Treatment Counselor Salaries?" *Journal of Substance Abuse Treatment*, 29:3, 181-189, 2005.
- Sindelar, JL and TA Olmstead, "Managed Care's Dual Impact on Outpatient Substance Abuse Treatment: Methadone Maintenance vs. Drug Free," *Journal of Drug Issues*, 35:3, 501-522, 2005.
- Olmstead, TA and JL Sindelar, "To What Extent Are Key Services Offered in Treatment Programs for Special Populations?" *Journal of Substance Abuse Treatment*, 27:1, 9-15, 2004.
- Olmstead, TA, White, W and JL Sindelar, "The Impact of Managed Care on Substance Abuse Treatment Services," *Health Services Research*, 39:2, 319-344, 2004.
- Coglianesi, C, Nash, J and TA Olmstead, "Performance-Based Regulation: Prospects and Limitations in Health, Safety, and Environmental Protection," *Administrative Law Review*, 55:4, 2003.

Olmstead, TA, "Freeway Management Systems and Motor Vehicle Crashes: A Case Study of Phoenix, Arizona," *Accident Analysis & Prevention*, 33, 433-447, 2001.

Olmstead, TA, "A Pitfall to Avoid When Estimating Incident-Induced Delay Using Deterministic Queuing Models," *Transportation Research Record 1683*, Transportation Research Board, National Research Council, Washington, DC, 38-46, 1999.

Olmstead, TA and RJ Zeckhauser, "The Menu-Setting Problem and Subsidized Prices: Drug Formulary Illustration," *Journal of Health Economics*, 18, 523-550, 1999.

Hartmann, ME, and TA Olmstead, "Solving Sequential Knapsack Problems," *Operations Research Letters*, 13, 225-232, 1993.

Book Chapters

Sindelar, JL and TA Olmstead, "Illicit Drug Use and Drug-Related Crime," in A. Jones (ed.), *Elgar Companion to Health Economics*, 2nd ed., Edward Elgar Publishing, Brookfield, US, 2012.

Olmstead, TA, "The Safety Benefits of Freeway Management Systems and Motorist Assistance Patrols," in E. Bekiaris and Y. J. Nakanishi (eds.), *Economic Impacts of Intelligent Transportation Systems: Innovations and Case Studies*, Research in Transportation Economics Series, Elsevier Science Publishers, The Netherlands, 2004.

GRANT FUNDING

Project Title: Obesity Prevention in Head Start: The Miranos! Program
 Role: Co-Investigator
 Funding Agency: National Institutes of Health (NIDDK)
 Project Dates: September 2016 – August 2021
 Amount Awarded: \$3,175,505

Project Title: Interventions for Unemployed Hazardous Drinkers (R01)
 Role: Consulting Collaborator
 Funding Agency: National Institutes of Health (NIAAA)
 Project Dates: July 2015 – June 2020
 Amount Awarded: \$3,104,861

Project Title: Economic Evaluation of the Community Health Paramedic Program
 Role: Principal Investigator
 Funding Agency: Community Care Collaborative, Austin, TX
 Project Dates: March 2015 – December 2016
 Amount Awarded: \$40,000

Project Title: Improving Austin-Travis County EMS Integration with Local Healthcare Networks
 Role: Principal Investigator
 Funding Agency: City of Austin, Texas
 Project Dates: August 2014 – May 2015
 Amount Awarded: \$20,000

Project Title: Three Strategies for Implementing Motivational Interviewing on Medical Inpatient Units
 Role: Consulting Collaborator
 Funding Agency: National Institutes of Health (NIDA)
 Project Dates: July 2012 – June 2017
 Amount Awarded: \$4,149,313

Project Title: New Haven MOMS (Mental Health Outreach for MotherS) Project Phase II
 Role: Consulting Collaborator
 Funding Agency: US Department of Health and Human Services, Office on Women's Health
 Project Dates: September 2011 – August 2016
 Amount Awarded: \$1,499,975

Project Title: Prize-based Contingency Management for Cocaine Dependent Methadone Patients (R01)
 Role: Consulting Collaborator
 Funding Agency: National Institutes of Health (NIDA)
 Project Dates: August 2011 – April 2016
 Amount Awarded: \$2,745,364

Project Title: Computer-based Training in Cognitive Behavioral Therapy (R01)
 Role: Consulting Collaborator
 Funding Agency: National Institutes of Health (NIDA)
 Project Dates: January 2011 – December 2015
 Amount Awarded: \$2,560,690

Project Title: Project START: Screening to Augment Referral to Treatment (R01)
 Role: Consulting Collaborator
 Funding Agency: National Institutes of Health (NIDA)
 Project Dates: August 2010 – July 2015
 Amount Awarded: \$3,541,448

Project Title: Testing CBT Models and Change Mechanisms for Alcohol Dependent Women (R01)
 Role: Consulting Collaborator
 Funding Agency: National Institutes of Health (NIAAA)
 Project Dates: September 2008 – August 2014
 Amount Awarded: \$3,300,000

Project Title: Effectiveness of Motivational Interviewing Supervision in Community Programs (R01)
 Role: Consulting Collaborator (role changed from Co-Investigator upon arrival at Mason)
 Funding Agency: National Institutes of Health (NIDA)
 Project Dates: July 2008 – May 2014
 Amount Awarded: \$2,438,322

Project Title: Estimating the Price Elasticities of Demand for Illicit Drugs (R21)
 Role: Principal Investigator
 Funding Agency: National Institutes of Health (NIDA)
 Project Dates: August 2009 – July 2012
 Amount Awarded: \$406,417

SCHOLARLY PRESENTATIONS – SELECTED

“The Price Elasticity of Demand for Heroin: Matched Longitudinal and Experimental Evidence.” American Society of Health Economists Conference, Los Angeles, CA, June 2014.

Panelist, “Bridging the Gap: Bringing Process Improvement Research to the Front Lines of Practice.” McCombs’ Health Care Initiative Seminar, 2013.

“The Cost and Cost-Effectiveness of Individual vs. Group Female-Specific Cognitive Behavioral Therapy for Alcohol Dependence.” Addiction Health Services Research Conference, Portland, OR, October 2013.

“New Insights into Motivational Interviewing.” With Steve Martino. National Institutes of Health, Bethesda, MD, December 2012.

“Cost and Cost-effectiveness of Three Strategies for Training Clinicians in Motivational Interviewing.” Eastern Economics Association Annual Conference, New York, NY, February 2011.

“Cost-Effectiveness of CBT4CBT for Addiction.” Eastern Economics Association Annual Conference, New York, NY, February 2009.

“Cost-Effectiveness of CBT4CBT for Addiction and How it Compares to the Cost-Effectiveness of Contingency Management.” Addiction Health Services Research Conference, Boston, MA, October 2008.

“Cost-Effectiveness of Paying Drug Users to Abstain.” American Society of Health Economists Conference, Madison, WI, June 2006.

“The Impact of Managed Care on Substance Abuse Treatment Services.” With Jody Sindelar. Addiction Health Services Research Conference, Atlanta, GA, October 2003.

HONORS AND AWARDS

School of Public Policy Teaching Award, George Mason University, 2011

Dwight D. Eisenhower Graduate Research Fellowship, Federal Highway Administration, 1997-2000

New England University Transportation Center Fellowship, Harvard University, 1996

Predocctoral Fellowship, John F. Kennedy School of Government, Harvard University, 1995

Graduate Fellowship, The University of North Carolina at Chapel Hill, 1991

Presidential Fellowship, State University of New York at Buffalo, 1987-1988

Tau Beta Pi, National Engineering Honor Society, 1987

Omega Rho, National Honorary Operations Research Society, 1987

COURSES TAUGHT

Advanced Empirical Methods – University of Texas at Austin, LBJ School of Public Affairs

Policy Research Project (“Integrating Austin/Travis County EMS into Local Healthcare Networks to Support Patient-Centered, Out-of-Hospital Care”) – University of Texas at Austin, LBJ School of Public Affairs

Managerial Economics and Policy Analysis - George Mason University, School of Public Policy

Statistical Methods in Policy Analysis - George Mason University, School of Public Policy

Quantitative Analysis and Empirical Methods – Harvard, Kennedy School of Government

Capstone Seminar in Health Management - Yale, School of Public Health

Applied Business Statistics and Management Science - UNC-Chapel Hill, Kenan-Flagler Business School

SERVICE**University of Texas at Austin***Committees – LBJ School of Public Affairs*

Seton-CHASP Research Program on Healthcare Transformation, Oversight Committee, 2014/6
 Doctoral Qualifying Exam Subcommittee, 2015
 Promotion Standards Subcommittee, 2014 – present
 Consultative Committee for the Selection of the LBJ School Dean, 2015
 Search Committee for Position in Public Financial Management, 2015 – 2016
 Redford Award Committee, 2016
 Strategic Faculty Recruitment Committee, 2016 – present
 Masters Admissions Committee, 2016 - present

Committees – McCombs School of Business

McCombs' Health Care Initiative, Steering Committee, 2013 – present
 Certificate in Health Care Management, Planning Committee, 2014 – 2015

Committees – Dell Medical School

Search Committee for Orthopedic Surgeon, 2015

George Mason University*Committees – School of Public Policy*

Doctoral Admissions Committee, 2010 - 2012
 Doctoral Program Committee, 2010 - 2013
 Curriculum Committee, 2012 - 2013

Community Care Collaborative, Travis County, Texas*Committees*

Evaluation and Measurement Workgroup, 2014 - 2015

National Highway Traffic Safety Administration*Committees*

EMS Compass (national taskforce to develop EMS performance standards), Steering Committee, 2014 - 2016

Reviewer for Granting Agencies

External reviewer, Division of Scientific Review (“Patient-Oriented Research – Career Development”), National Institutes of Health (NIDCR), June 2013
 External reviewer, Special Emphasis Panel/Scientific Review Group (“Medical Marijuana Policy Research: Exploring Trends and Impacts”), National Institutes of Health (NIDA), June 2011
 External reviewer, Special Emphasis Panel/Scientific Review Group (“Seek, Test, Treat, and Retain: Addressing HIV among Vulnerable Populations”), National Institutes of Health (NIDA), February 2011

Ad-hoc Referee

Addiction, Administration and Policy in Mental Health and Mental Health Services Research, Archives of General Psychiatry, Drug and Alcohol Dependence, Journal of Studies on Alcohol and Drugs, Journal of Substance Abuse Treatment, Pan-American Journal of Public Health, Social Science and Medicine, Substance Abuse, World Medical and Health Policy