

## **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**

- Olmstead, TA, Rathouz, PJ, Casey, KA, Abzug, TA, and SM Strawkowski, “Economic Evaluation of a Crisis Residential Program in Austin, Texas”, *Psychiatric Services*, forthcoming.
- Pignone, M, Lanier, B, Kluz, N, Valencia, V, Chang, P, and TA Olmstead, “Effectiveness and Cost-Effectiveness of Mailed FIT in a Safety Net Clinic Population”, *Journal of General Internal Medicine*, forthcoming.
- Olmstead, TA, Martino, S, Ondersma, SJ, Gilstad-Hayden, K, Forray, A, and KA Yonkers, “The Short-Term Impact on Economic Outcomes of SBIRT Interventions Implemented in Reproductive Health Care Settings”, *Journal of Substance Abuse Treatment*, 120, 2021.
- Olmstead, TA, Yonkers, KA, Forray, A, Zimbrea, P, Gilstad-Hayden, K, and S Martino, “Cost and Cost-Effectiveness of Three Strategies for Implementing Motivational Interviewing for Substance Misuse on Medical Inpatient Units”, *Drug and Alcohol Dependence*, 214, 2020.
- Yonkers, KA, Dailey, JI, Gilstad-Hayden, K, Ondersma, SJ, Forray, A, Olmstead, TA, and S Martino, “Abstinence Outcomes among Women in Reproductive Health Centers Administered Clinician or Electronic Brief Interventions”, *Journal of Substance Abuse Treatment*, 113, 2020.

- Olmstead, TA, Yonkers, KA, Ondersma, SJ, Forray, A, Gilstad-Hayden, K, and S Martino, "Cost-Effectiveness of Electronic and Clinician-Delivered Screening, Brief Intervention, and Referral to Treatment for Women in Reproductive Health Centers", *Addiction*, 114, 1659-1669, 2019.
- Martino, S, Zimbrea, P, Forray, A, Kaufman J, Desan, P, Olmstead, TA, Gilstad-Hayden, K, Gueorguieva, R, and K Yonkers, "Implementing Motivational Interviewing for Substance Misuse on Medical Inpatient Units: A Randomized Controlled Trial", *Journal of General Internal Medicine*, 34, 2520-2529, 2019.
- Olmstead, TA, Graff, FS, Ames-Sikora, AA, McCrady, BS, Gaba, A, and EE Epstein, "Cost-Effectiveness of Individual versus Group Female-Specific Cognitive Behavioral Therapy for Alcohol Use Disorder", *Journal of Substance Abuse Treatment*, 100, 1-7, 2019.
- Yin, Z, Ullevig, S, Sosa, S, Liang, Y, Olmstead, TA, Howard, JT, Errisuriz, V, Estrada, VM, Martinez, C, He, M, Small, S, Schoenmakers, C, and D Parra-Medina, "Study Protocol for a Cluster Randomized Controlled Trial to Test "¡Míranos! Look at Us, We Are Healthy!" - an Early Childhood Obesity Prevention Program", *BMC Pediatrics*, 19(1), 190, 2019.
- Forray, A, Martino, S, Gilstad-Hayden, K, Kershaw, T, Ondersma, SJ, Olmstead, TA, and KA Yonkers, "Assessment of an Electronic and Clinician-Delivered Brief Intervention on Cigarette, Alcohol and Illicit Drug Use Among Women in a Reproductive Healthcare Clinic", *Addictive Behaviors*, 96, 156-163, 2019.
- Martino, S, Ondersma, SJ, Forray, A, Olmstead, TA, Howell, H, Gilstad-Hayden, K, Kershaw, T, and KA Yonkers, "A Randomized Controlled Trial of Screening and Brief Interventions for Substance Misuse in Reproductive Health", *The American Journal of Obstetrics & Gynecology*, 218:322.e1-12, 2018.
- 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*, 180, 208-214, 2017.
- 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*, 31:8, 897-906, 2017.
- 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 Controlled 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, Zimbrea, 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*, 2<sup>nd</sup> 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: Implementing Effective Smoking Cessation Pharmacotherapy for Hospitalized Smokers with Cardiopulmonary Disease (R01)

Role: Co-Investigator  
 Funding Agency: National Institutes of Health (NHLBI)  
 Project Dates: March 2022 – February 2027  
 Amount Awarded: \$3,353,920

Project Title: Supporting Treatment Access and Recovery for Co-Occurring Opioid Use and Mental Health Disorders (R01)

Role: Co-Principal Investigator  
 Funding Agency: National Institutes of Health (NIMH)  
 Project Dates: September 2021 – August 2025  
 Amount Awarded: \$12,321,934

Project Title: The Value of 360-Degree Whole Person Care for Osteoarthritis of the Hip and Knee

Role: Co-Investigator  
 Funding Agency: Bass Family Foundation  
 Project Dates: September 2021 – August 2024  
 Amount Awarded: \$2,260,000

Project Title: Dissemination of a Mailed Stool Testing Program for Colorectal Cancer Prevention in Underserved Communities in Texas

Role: Co-Investigator  
 Funding Agency: Cancer Prevention and Research Institute of Texas  
 Project Dates: September 2021 – August 2023  
 Amount Awarded: \$300,000

Project Title: Enhancing Substance Use Treatment Services to Decrease Dropout and Improve Outpatient Treatment Utilization in Emerging Adults (R01)

Role: Co-Investigator  
 Funding Agency: National Institutes of Health (NIDA)  
 Project Dates: April 2021 – February 2026

Amount Awarded: \$3,530,000

Project Title: Effectiveness of a CBT-Based mHealth Intervention Targeting MOUD Retention, Adherence, and Opioid Use (R61)

Role: Consulting Collaborator

Funding Agency: National Institutes of Health (NCCIH)

Project Dates: September 2019 – August 2024

Amount Awarded: \$3,300,000

Project Title: Promoting Employment in Persons Living with HIV/AIDS (R01)

Role: Consulting Collaborator

Funding Agency: National Institutes of Health (NIDA)

Project Dates: April 2019 – January 2024

Amount Awarded: \$3,350,000

Project Title: Systematic Exploration of the Alcohol Dependence Syndrome, its Etiology, Patterning and Treatment (P50)

Role: Consulting Collaborator

Funding Agency: National Institutes of Health (NIAAA)

Project Dates: December 2018 – November 2023

Amount Awarded: \$276,351

Project Title: A Reinforcement Intervention for Increasing HIV Testing Among At-Risk Women (R01)

Role: Consulting Collaborator

Funding Agency: National Institutes of Health (NIMHD)

Project Dates: September 2018 – August 2023

Amount Awarded: \$2,800,000

Project Title: Obesity Prevention in Head Start: The Miranos! Program (R01)

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 (R01)  
 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**

“What is Our Worth? An Economic Evaluation of the Inn.” With Tracy Abzug. Crisis Residential Association Annual Conference (virtual), October 2020.

“The Costs of Three Strategies for Implementing Motivational Interviewing for Substance Misuse on Medical Inpatient Units.” Southern Economics Association Annual Conference, Ft. Lauderdale, FL, November, 2019.

“Cost-Effectiveness of Electronic- and Clinician-Delivered SBIRT for Women in Reproductive Health Centers.” Addiction Health Services Research Conference, Savannah, GA, October 2018.

“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**

Best Taught Class, LBJ School of Public Affairs, UT-Austin, 2019-2020

Most Patient Professor, LBJ School of Public Affairs, UT-Austin, 2018-2019

Most Engaging Teaching Style, LBJ School of Public Affairs, UT-Austin, 2017-2018

Best Quantitative Teaching Skills for Non-Quantitative Students, LBJ School, UT-Austin, 2017-2018

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**

*Introduction to Empirical Methods* – University of Texas at Austin, LBJ School of Public Affairs  
*Advanced Empirical Methods* – University of Texas at Austin, LBJ School of Public Affairs  
*Advanced Policy Economics* – University of Texas at Austin, LBJ School of Public Affairs  
*Policy Research Project* – 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 – 2018  
 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, 2016/7  
 Masters Admissions Committee, 2016/7, 2019/20  
 MPAff Core Curriculum Review Committee, 2018/9  
 MPAff Policy Design Course Subcommittee, 2019  
 Non-Tenure Track Merit Review Subcommittee, 2019  
 Certificates Committee, 2021  
 Masters Fellowship Committee, 2021/2

#### *Committees – McCombs School of Business*

McCombs' Health Care Initiative, Steering Committee, 2013/7  
 Certificate in Health Care Management, Planning Committee, 2014/5

#### *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

**National Academies of Sciences, Engineering and Medicine**

Member, Committee to Review Department of Veterans Affairs Monograph on Health Economic Effects of Service Dogs for Veterans with Post Traumatic Stress Disorder, 2021.

**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 Consulting and Clinical Psychology, Journal of Studies on Alcohol and Drugs, Journal of Substance Abuse Treatment, Pan-American Journal of Public Health, Psychiatric Services, Psychiatry Research, Social Science and Medicine, Substance Abuse, World Medical and Health Policy*