

## TODD A. OLMSTEAD

*Associate Professor of Public Affairs*  
*James and Claudia Richter Chair Fellow*  
Lyndon B. Johnson School of Public Affairs  
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### 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, James and Claudia Richter Chair Fellow**, Lyndon B. Johnson School of Public Affairs, University of Texas at Austin
- 2013 – present **Research Scholar**, Seton/UTSW Clinical Research Institute of 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, 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: 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**

“Elasticities of Demand for Illicit Drugs: Real-World vs. Lab Data.” Interdisciplinary Center for Economic Science, George Mason University, Arlington, VA, May 2013.

“Cost-Effectiveness of Contingency Management Treatments for Stimulant Abusers.” Center for Health Policy Research and Ethics, George Mason University, Fairfax, VA, March 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**

*Managerial Economics and Policy Analysis* - George Mason University

*Statistical Methods in Policy Analysis* - George Mason University

*Quantitative Analysis and Empirical Methods* - Harvard Kennedy School

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

*Applied Business Statistics and Management Science* - UNC-Chapel Hill

## **SERVICE**

### **George Mason University**

*Committees – School of Public Policy*

Doctoral Admissions Committee, 2010 - 2012

Doctoral Program Committee, 2010 - 2013

Curriculum Committee, 2012 - 2013

### **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*