Curriculum Vitae

**Brent A. Moore, Ph.D.**

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**Educational History**

**Post-Doctoral Training**

Post-DoctoralFellow at the Treatment Research Center and the Human Behavioral PharmacologyLab Department of Psychiatry,University of Vermont, Burlington, VT 05401. 3/2000 – 6/2003.

Supervisor: Alan J. Budney, Ph.D., Associate Professor of Psychology and Psychiatry

**Graduate Education**

Doctoral Program in Experimental Psychology

University of New Mexico, Albuquerque, NM 87131

Degree: Ph.D., 1998

Major: Cognitive Psychology

Minor: Quantitative Methods and Statistics

Doctoral Dissertation: Mood and reality monitoring

Chair: Henry C. Ellis, Distinguished Research Professor of Psychology

Master’s Program in Experimental Psychology

Western Washington University, Bellingham, WA 98225

Degree: M.S., 1992

Major: Psychology

Minor: Quantitative Methods and Statistics

Master’s Thesis: Autobiographical and story remembering in individuals, dyads and groups

**Undergraduate Education**

University of Utah, Salt Lake City, UT

Degree: B.S., 1990

Major: Psychology

**Professional Positions**

***Research Scientist,* Department of Psychiatry, Yale University School of Medicine, New Haven, CT (July, 2014 to present).** I conduct my own research projects involving computer and mobile based treatments for opioid dependence. I am the principal investigator of a National Institute of Drug Abuse (NIDA) funded research grant (R01), “Automated Recovery Line for Medication Assisted Treatment,” which evaluates methods to improve use and engagement in automated treatments for patients in medication assisted substance abuse treatment. I also conduct other studies to evaluate the counseling approaches to improve substance use treatment and technological and behavioral interventions for substance use disorder and HIV treatment and adherence. I develop, designed and write grants for other studies, and collaborated on a range of projects and publications within the Department. I participate in quarterly rotations of the Psychiatry Clerkship Lecture series on substance abuse, and am a consulting statistician for grant applications within the Department. I participate on grant review boards and attend and actively contribute in international organizations and conferences.

***Research Psychologist,* Pain Research, Informatics, Medical Comorbidities, and Education (PRIME) Center, Veterans Administration Connecticut Healthcare System, West Haven, CT (May, 2013 to present).** As a PRIME Center Core Investigator, I collaborate with PRIME Center colleagues to evaluate stepped care implementation for pain management within VA. I am currently conducting an HSR&D I21 pilot project, “Automated, Mobile, Ancillary Care for Substance Abuse Treatment.” This project evaluates the feasibility and acceptability of an automated, phone-based system to improve care for patients receiving treatment in a Substance Abuse Day Treatment Program. In addition, I was a co-investigator on a Donaghue Foundation and Mayday Fund colaborative grant on “Implementing a VA Stepped Care Model of Pain Management.” I develop, design and write grants for other studies, and collaborate on a range of projects, publications, and presentations within the Center.

***Associate Director of Evaluation,* Center of Excellence in Primary Care Education, Veterans Administration Connecticut Healthcare System, West Haven, CT (May, 2015 to May, 2017).** The focus of the Center of Excellence (COE) is on development and implementation of effective to work in and lead patient‐centered interprofessional teams that provide coordinated longitudinal care. As the Director of Evalaution, I organize, direct, and test the impact of new educational approaches and models. These include modifications to patient-centered curricula, work-place learning interventions, innovations to increase educational engagement, and approaches designed to improve team effectiveness, interprofessional collaboration, and shared decision making.

***Associate Research Scientist,* Department of Psychiatry, Yale University School of Medicine, New Haven, CT (July, 2008 to June, 2014).** I conducted my own research projects involving computer and mobile based treatments for opioid dependence. I completed a National Institute of Drug Abuse (NIDA) funded career award, “Computer-Based Treatment for Drug Dependence.” I developed and tested computer-based systems to be incorporated within existing treatment systems (buprenorphine in primary care and methadone services). I also conducted other studies to evaluate the feasibility and barriers to wide –spread implementation. I developed, designed and wrote grants for other studies, and collaborated on a range of projects and publications within the Division of Substance Abuse. I taught the Research Competencies CORE seminar course, a 6-month course on research methodology and statistics for post-doctoral associates, psychiatry residents, and psychology interns in the division.

*Assistant Professor,* Department of Psychiatry, Yale University School of Medicine, New Haven, CT (July, 2003 to July, 2008). I conducted my own research projects involving cannabis and opioid dependence and its treatment, taught medical student, post-doctoral associates, psychiatry fellows, psychology interns, and research assistants, and worked with a research team to develop new studies and grant proposals. I was the Principal Investigator for a National Institute of Drug Abuse (NIDA) funded two year clinical trial of a medication for cannabis dependence, “Selegiline for Treatment of Cannabis Dependence.” I also provided supervision, monitoring and project direction for several NIDA grants examining treatment for opioid and other substance dependence, and acted as the statistician and data manager for our research team. I was also a co-investigator for a NIMH funded project evaluating decision making in schizophrenia treatment providers. I developed, design and published other studies of my own as well as conducted analyses.

*Post-Doctoral Fellow,* Treatment Research Center, and the Human Behavioral Pharmacology Lab, Department of Psychiatry, University of Vermont, Burlington VT (March, 2000 to June, 2003). I conducted several of my own research projects and worked with the Principal Investigators and other researchers to develop new studies and proposals. I managed daily tasks such as monitoring and supervising two NIDA grants “Behavioral Treatment of Marijuana Dependence” and “Clinical Significance of Marijuana Withdrawal.” I was also an investigator for the clinical trial, “Safety and efficacy of Naltrel in treatment of alcohol dependence.” I conducted analyses, formalized and implemented protocols, and aided with manuscript writing and the development of presentations.

*Research Scientist,* Westat, Inc., Rockville, MD (April, 1997 to March, 2000). Westat is a private, employee-owned research corporation specializing in contract- and grant-funded research for the federal government. Within the larger organization, I worked with the Center for Studies on Alcohol managing and directing three grants funded by the National Institute on Alcohol Abuse and Alcoholism: “A Community Health Service Alternative to Prevent DWI,” “DWI Prevention: A statewide Randomized Trial of Interlocks.” And “Risk Factors and Modeling Effects in Alcohol Consumption,” and I also worked with the Substance Abuse Research Group on a multi-site research contract funded by the Substance Abuse and Mental Health Administration, “The persistent effects of treatment study.” I developed and managed a sub-study within the contract located in Washington State. I also supported a number of internal research activities including proposal development, budget monitoring, staff supervision, and hiring decisions. For the Center for Studies on Alcoholism I conducted all statistical analyses, developed clinical assessment instruments and wrote reports for presentation and publication.

*Statistician,* Center on Alcoholism, Substance Abuse and Addictions, University of New Mexico, Albuquerque, NM (1994 to 1997). I analyzed longitudinal data for a NIDA grant examining the Community Reinforcement and Relapse Prevention Approach to treatment for opioid dependent patients. I summarized and reported results to the Principal Investigator, presented results at conferences, and prepared manuscripts for publication.

*Statistician,* Center for Family and Adolescent Research, University of New Mexico, Albuquerque, NM (1996 to 1997). I conducted data management and analysis of a large clinical research grant involving family interactions of adolescent alcohol abusers. I summarized and reported results to the principal investigator.

*Research Coordinator*, Cognition and Emotion Laboratory, Department of Psychology University of New Mexico, Albuquerque, NM (1995 to 1997). I designed and conducted experiments examining mood effects on memory. I trained and supervised undergraduate research assistants, analyzed data and wrote manuscripts for presentation and publication.

***Statistical Consultant,*** **Department of Educational Administration and Foundations, Western Washington University Bellingham, WA (1991 to 1992) -** I provided consultation to graduate students in designing, collecting, and analyzing master's thesis projects.

# Publications and Presentations

**Citation indices** (http://scholar.google.com/citations?hl=en&user=LKMUsCgAAAAJ)

**Citation indices**

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http://www.ncbi.nlm.nih.gov/sites/myncbi/brent.moore.1/bibliography/40746517/public/

**Moore, B.A.**, Buono, F.D., Printz, D.M.B., Lloyd, D.P., Fiellin, D.A., Cutter, C.J.,Schottenfeld, R.S., & Barry, D.T. (in press). Customized recommendations and reminder messages in automated, computer-based treatment for methadone maintenance. *Experimental and Clinical Psychopharmacology.*

Becker, W.C., Edmond, S.N., Cervone, D.J., Manhapra, A., Sellinger J.J., **Moore, B.A.**, & Edens, E.L. (2017). Evaluation of an integrated, multidisciplinary program to address unsafe use of pain-prescribed opioids. *Pain Medicine.* doi: 10.1093/pm/pnx041. [Epub ahead of print]. PMID: 28371816.

Becker, W.C., Fenton, B., Brandt, C., Doyle, E., Francis, J., Torrise, V., **Moore, B.A.**, Kerns, R.D., & Kreiner, P. (2017). Multiple sources of payment is associated with risky opioid therapy among Military/VA. *Medical Care.* doi: 10.1097/MLR.0000000000000722. [Epub ahead of print]. PMID: 28410338.

Buono, F.D., Sprong, M.E., Lloyd, D.P., Printz, D.M.B., Cutter, C.J., & **Moore, B.A.** (2017). Delay Discounting of video game players: Comparison of time-duration among gamers. Cyberpsychology, Behavior, and Social Networking. 20,104-108. doi: 10.1089/cyber.2016.0451. PMID: 28118044. PMCID: In Progress.

Blackstock, O.J., **Moore, B.A.,** Berkenblit, G., Calabrese, S., Cunningham, C., Fiellin, D.A., Patel, V.V., Phillips, K.A., Shah, M., Tetrault, J.M., & Edelman, E.J. (2017). A Cross-Sectional Online Survey of HIV Pre-Exposure Prophylaxis Adoption Among Primary Care Physicians. *Journal of General Internal Medicine.* doi: 10.1007/s11606-016-3903-z. PMID: 27778215. PMCID: PMC5215171 [Available on 2018-01-01].

Edelman, E.J., **Moore, B.A.,** Berkenblit, G., Calabrese, S., Cunningham, C., Fiellin, D.A., Patel, V.V., Phillips, K.A., Tetrault, J.M., Shah, M., & Blackstock, O.J. (2017). Primary care physicians’ willingness to prescribe HIV pre-exposure prophylaxis for people who inject drugs. *AIDS and Behavior, 21,* 1025-1033*.* doi: 10.1007/s10461-016-1612-6. PMID: 27896552. PMCID: PMC5344709.

Sigmon, S.C., Ochalek, T., Meyer, A., Hruska, B., Heil, S.H., Badger, G.J., Rose, G., Brooklyn, J.R., Schwartz, R.P., **Moore, B.A.** & Higgins, S.T. (2016). Interim buprenorphine vs. waiting list for opioid dependence. *The New England Journal of Medicine, 375*, 2504-2505. Doi: 10.1056/NEJMc1610047. PMID: 28002704. PMCID: PMC4558243.

**Moore, B.A.**, Fiellin, D.A., Cutter, C.J.,Buono, F.D., Barry, D.T., Fiellin, L.E., O’Connor, P.G., & Schottenfeld, R.S. (2016). Cognitive behavioral therapy improves treatment outcomes for prescription opioid users in primary care buprenorphine treatment. *Journal of Substance Abuse Treatment, 71,* 54-57.doi:10.1016/j.jsat.2016.08.016. PMID: 27776678. PMCID: PMC5119533 [Available on 2017-12-01].

Barry, D.T., Fazzino, T., Necrason, E., Sullivan L.E., Fiellin, D.A. & **Moore, B.A.** (2016). The availability and use of ancillary counseling in the practices of physicians prescribing buprenorphine. *Journal of Addiction Medicine, 10,* 352-356*.* doi:10.1097/ADM.0000000000000247. PMID: 27504926. PMCID: PMC5042831 [Available on 2017-09-01].

**Moore, B.A.**, Black, A.C., Rosen, M.I. (2016). Factors associated with money mismanagement among adults with severe mental illness and substance abuse**.** *International Journal of Mental Health & Addiction, 14,* 400-409. doi:10.1007/s11469-015-9625-3.

**Moore, B.A.**, Anderson, D., Dorflinger, L., Zlateva, I., Lee, A., Gilliam, W., Tian, T., Khatri, K., & Kerns, R.D. (2016). Stepped care model of pain management and quality of pain care in long-term opioid therapy. *Journal of Rehabilitation Research & Development 53,* 137-146. doi:10.1682/JRRD.2014.10.0254. PMID:27006068.

SigmonS.C., Meyer, A., Hruska, B., Ochalek, T. Rose, G., Badger, G.J., Brooklyn, J.R., Heil, S.H., Higgins, S.T., **Moore, B.A.**, & Schwartz, R.P. (2015). Bridging waitlist delays with Interim Buprenorphine Treatment: Initial feasibility. *Addictive Behaviors, 51,* 136-142. doi:10.1016/j.addbeh.2015.07.030. PMID:26256469. PMCID: PMC4558243.

**Moore, B.A.,** Rosen, M.I., Wang, Y., Shen, J., Ablondi, K., Sullivan, A., Guerrero, M., Siqueiros, L, Liu, H. (2015). A remotely-delivered CBT and contingency management therapy for substance using people with HIV. *AIDS and Behavior, 19,* 156-162. doi:10.1007/s10461-014-0990-x. PMID:25645326. PMCID: PMC4498993.

Weisberg, D.F., Gordon, K., Becker, W.C., Crystal, S., Edelman, E.J., Gaither, J., Goulet, J., Kerns, R.D., **Moore, B.A.**, Tate, J., Justice, A.C., & Fiellin, D.A. (2015). Long-term prescription opioids and/or benzodiazepines and mortality among HIV-infected and uninfected patients. *Journal of Acquired Immune Deficiencies Syndromes, 69*, 223-33. doi: 10.1097/ QAI.0000000000000591. PMID: 26009831. PMCID: PMC4446730.

Frank, J.W., Carey, E.P., Fagan, K.M., Araon, D.C., Todd-Stenberg, J., **Moore, B.A.**, Kerns, R.D., Au, D.H., Ho, M., & Kirsh, S.R. (2015). Evaluation of a telehealth intervention for pain management in the Veterans Health Administration. *Pain Medicine, 16,* 1090-1100. doi:10.1111/pme.12715. PMID:25716075.

Dorflinger, L., **Moore, B.A.**, Goulet, J., Becker, W.C., Heapy, A.A., Sellinger, J.J., & Kerns, R.D. (2014). A partnered approach to opioid management, guideline concordant care and the stepped care model of pain management. *Journal of General Internal Medicine, Suppl 4,* 870-876. doi:10.1007/s11606-014-3019-2. PMID: 25355083. PMCID:PMC4239281.

Fiellin, D.A.,Cutter, C.J., **Moore, B.A.**, Barry, D.T., O’Connor, P.G., & Schottenfeld, R.S. (2014). Primary care-based Buprenorphine taper vs. maintenance for prescription opioids: A Randomized, Controlled Trial. *JAMA: Internal Medicine,174*, 1947-54. doi:10.1001/jamainternmed.2014.5302. PMID:25330017.

Barry, D.T., Savant, J., Beitel, M., Cutter, C.J., Schottenfeld, R.S., Kerns, R. D., **Moore, B.A.**, Oberleitner, L., Joy, M. T., Keneally, N., Liong, C. & Carroll, K. M. (2014). The feasibility and acceptability of groups for pain management in methadone maintenance treatment. *Journal of Addiction Medicine, 8,* 338-344. doi:10.1097/ADM.0000000000000055. PMID: 25100310. PMCID: PMC4177009.

Cutter, C.J., Beitel, M., Savant, J., Doucette, C., **Moore, B.A.**, Schottenfeld, R.S., & Barry, D.T. (2014). A pilot trial of a videogame-based exercise program for methadone maintained patients. *Journal of Substance Abuse Treatment, 47*, 299-305. doi:10.1016/j.jsat.2014.05.007. PMID: 25012555. PMCID: PMC4487635.

Boyce, J.M., Havill, N.L., Guercia, K.A., Schweon, S., & **Moore, B.A**. (2014). Evaluation of two organosilane products for sustained antibacterial activity on high-touch surfaces in patient rooms. *American Journal of Infection Control,* *42,* 326-328.doi:10.1016/j.ajic.2013.09.009 PMID: 24406256.

Edelman, E.J., **Moore, B.A.**, Caffrey, S., Sikkema, K.J., Jones, E., Paltiel, D., Schottenfeld, R.S., Fiellin, D.A., & Sullivan L.E. (2013). HIV Testing and sexual risk reduction counseling in office-based buprenorphine/naloxone treatment. *Journal of Addiction Medicine, 7,* 410-416. doi:10.1097/ADM.0b013e3182a3b603. PMID: 24189173.

Barry, D.T., Savant, J., Beitel, M., Cutter, C.J., **Moore, B.A.**, Schottenfeld, R.S., & Fiellin, D.A. (2013). Pain and associated substance use among opioid dependent individuals seeking office-based treatment with buprenorphine-naloxone: A needs assessment study. *American Journal on Addictions, 22,* 212-217. doi:10.1111/j.1521-0391.2012.00327.x. PMID: 23617861. PMCID: PMC3641684.

**Moore, B.A.**, Fazzino, T., Barry, D.T., Cutter, C.J., Schottenfeld, R.S., Fiellin, D.A., & Ball, S. (2013). The Recovery Line: A pilot trial of automated, telephone-based treatment for continued drug use in methadone maintenance. *Journal of Substance Abuse Treatment.* 45, 63-69. doi:10.1016/j.jsat.2012.12.011. PMID:23375114. PMCID: [PMC3642223](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3642223/).

Fiellin D.A., Barry, D.T., Sullivan, L.E., Cutter, C.J., **Moore, B.A.**, O'Connor, P.G., & Schottenfeld, R.S. (2013). A randomized trial of cognitive behavioral therapy in primary care-based buprenorphine. *American Journal of Medicine*, 126, 74.e11-e.17. doi:10.1016/j.amjmed.2012.07.005. PMID: 23260506. PMCID: [PMC3621718](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3621718/).

**Moore, B.A.**, Barry, D.T., Cutter, C.J., Sullivan, L.E., O’Connor, P.G., Schottenfeld, R.S., & Fiellin, D.A. (2012). Counseling and directly observed medication for primary care buprenorphine/naloxone maintenance: A pilot study. *Journal of Addiction Medicine*. 6, 205-211. doi:10.1097/ADM.0b013e3182596492. PMID: 22614936. PMCID: PMC3419276

Barry, D.T., Savant, J.D., Beitel, M., Cutter, C.J., **Moore, B.A.**, Schottenfeld, R.S., & Fiellin, D.A (2012). Use of conventional, complementary, and alternative treatments for pain among individuals seeking primary care treatment with buprenorphine-naloxone. *Journal of Addiction Medicine, 6,* 174-179. doi:10.1097/ADM.0b013e31826d1df3. PMID 23041680. PMCID:PMC3492534.

Tetrault, J.M., **Moore, B.A.**, Barry, D.T., O’Connor, P.G., Schottenfeld, R.S., Fiellin, D.A., & Sullivan, L.E. (2012). Brief versus extended counseling along with buprenorphine/naloxone for HIV-infected opioid dependent patients. *Journal of Substance Abuse Treatment, 43,* 433-439. doi:10.1016/j.jsat.2012.07.011. PMID:22938914.

Edelman, E.J., Dinh, A., **Moore, B.A.**, Schottenfeld, R.S., Fiellin, D.A., & Sullivan, L.E. (2012). Human Immunodeficiency Virus testing practices among buprenorphine-prescribing physicians. *Journal of Addiction Medicine*, *6*, 159-165. doi:10.1097/ADM.0b013e31824339fc. PMID: 22367499. PMCID - PMC3447983.

Schackman, B.R., Leff, J.A., Polsky, D., **Moore, B.A.**, & Fiellin, D.A. (2012). Cost-effectiveness of long-term outpatient Buprenorphine-Naloxone treatment for opioid dependence in primary care. *Journal of General Internal Medicine,* 27:669-676*.* doi: 10.1007/s11606-011-1962-8. PMID: 22215271. PMCID:PMC3358393.

Havill, N.L., **Moore, B.A.**., & Boyce, J.M., (2012). Comparison of the microbiological efficacy of hydrogen peroxide vapor and ultraviolet light processes for room decontamination. *Infection Control and Hospital Epidemiology, 33*, 507-12. PMID: 22476278.

**Moore, B.A.,** Fazzino, T., Garnet, B., Cutter, C. & Barry, D. (2011). Computer-based interventions for drug use disorders: A systematic review. *Journal of Substance Abuse Treatment*, *40*, 215-223. doi:10.1016/j.jsat.2010.11.002. PMID: 21185683. PMCID:PMC3073660.

Schottenfeld, R.S., **Moore, B.A.**, & Pantalon, M.J. (2011). Contingency management with Community Reinforcement Approach or Twelve-Step Facilitation drug counseling for cocaine dependent pregnant women or women with young children. *Drug and Alcohol Dependence, 118,* 48-55. doi:10.1016/j.drugalcdep.2011.02.019. PMID: 21454024.

Boyce, J.M., Havill, N.L., Havill, H.L., Mangione, E., Dumigan, D.G., & **Moore, B.A.** (2011). Comparison of fluorescent marker systems to two quantitative methods of assessing terminal cleaning practices. *Infection Control and Hospital Epidemiology,* 32, 1187-1193. PMID:22080657.

Samual, D., **Moore, B.A.**, Macarelli, L., & Ball, S. (2011). Personality disorders and retention in a therapeutic community for substance dependence. *American Journal on Addictions, 20,* 555-562. doi:10.1111/j.1521-0391.2011.00174.x. PMID: 21999502. PMCID: PMC385692.

Boyce, J.M., Havill, N.L., & **Moore, B.A.** (2011). Terminal decontamination of patient rooms using an automated mobile ultraviolet light unit. *Infection Control and Hospital Epidemiology, 32,* 737-742*.* PMID:21768755.

Weissman, S., Anthony P., Blanco Guzman M., & **Moore B.A.** (2010). Syphilis treatment and outcomes in Human Immunodeficiency Virus positive patients: Does a lumbar puncture make a difference? *Journal of Clinical Outcomes Management, 17*, 443-447.

Wang, E.A., **Moore, B.A.**, Sullivan, L.E., Fiellin, D.A. (2010). Effect of incarceration history on outcomes of primary care office-based buprenorphine/naloxone. *Journal of General Internal Medicine, 25,* 670-674. doi: 10.1007/s11606-010-1306-0.PMID: 20213205. PMCID:PMC2881960.

Johnson, M.W., Bickel, W.K., Baker, F., **Moore, B.A.**, Badger, G.J., & Budney, A.J. (2010). Delay discounting in current and former marijuana-dependent individuals. *Experimental and Clinical Psychopharmacology, 18,* 99-107. doi:10.1037/a0018333. PMID:20158299. PMCID:PMC2874198.

Sullivan, L.E., **Moore, B.A.**, O’Connor, P.G., Barry, D., Chawarski, M.C., Schottenfeld, R.S., & Fiellin, D.A. (2010). The association between cocaine use and treatment outcomes in patients receiving office-based buprenorphine/naloxone for the treatment of opioid dependence. *American Journal on Addictions, 19,* 53-58. doi:10.1111/j.1521-0391.2009.00003.x. PMID: 20132122. PMCID:PMC3107713.

Falzer, P.R., Garman, D.M., **Moore, B.A.** (2009). Examining the influence of clinician decision making on adherence to a clinical guideline. *Psychiatric Services, 60,* 698-701*.* PMID: 19411362.

Jones, E.S., **Moore, B.A.**, Sindelar, J.L., O’Connor, P.G., Schottenfeld, R.S., & Fiellin, D.A. (2009). Cost analysis of clinical and office-based treatment of opioid dependence: Results with methadone and buprenorphine in clinically stable patients. *Drug and Alcohol Dependence, 99,* 132-140. doi:10.1016/j.drugalcdep.2008.07.013. PMID: 18804923. PMCID:PMC2646001.

**Moore B.A.**, Bowden-Jones H., Budney A.J., Vandrey R.G. (2008). Treatment for cannabis dependence. In K. Silk & P. Tyrer (Eds.), *Effective Treatments in Psychiatry Handbook (pp. 413-421)*. Cambridge University Press.

Callaghan, R.C., Taylor, L., **Moore, B.A.**, Jungerman, F.S., Vilela, F., & Budney, A.J. (2008). Recovery and URICA stage-of-change scores in three marijuana treatment studies. *Journal of Substance Abuse Treatment, 35,* 419-426. PMID: 18511230.

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care is associated with decreased HIV risk behaviors. *Journal of Substance Abuse Treatment*, *35*, 87-92. PMID: 17933486. PMCID:PMC2587397.

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## Manuscripts Under Review

Edelman, E.J., **Moore, B.A.,** Calabrese, S., Berkenblit, G., Cunningham, C., Patel, V.V., Phillips, K.A., Tetrault, J.M., Shah, M., Fiellin, D.A., & Blackstock, O.J. Preferences for implementation of HIV Pre-Exposure Prophylaxis (PrEP): Results from a survey of primary care providers.

Edmonds, S.N., **Moore, B.A.**, Dorflinger, L.M., Goulet, J.L., Becker, W.C., Heapy, A.A., Selinger, J.J., & Kerns, R.D. Implementing a VA Stepped Care Model of Pain Management.

Edelman, E.J., **Moore, B.A.,** Holt, S.R., Hansen, N., Kyriakides, T., Virata, M., Brown, S., Justice, A.C., Bryant, K., Fiellin, D.A., & Fiellin, L.E. Efficacy of extended-release naltrexone on HIV-related and drinking outcomes among HIV-positive patients with heavy alcohol use and suboptimal antiretroviral adherence: A randomized-controlled trial.

Manuscripts in Preparation

**Moore, B.A.**, Buono, F.D., Printz, D.M.B., Lloyd, D.P., Cutter, C.J.,Barry, D.T., Schottenfeld, R.S., & Fiellin, D.A. The Recovery Line supports harm reduction in methadone maintenance.

**Moore, B.A.**, Printz, D.M.B., Heapy, A.A., Pilkey, D., Buono, F.D., & Rosen, MI. Feasibility of the Veterans' Recovery Line as ancillary care for substance abuse treatment.

**Moore, B.A.**, Buono, F.D., Mutalik, P., Lee, A., Dorflinger, L., Goulet, J., Becker, W.C., Heapy, A.A., Sellinger, J.J., & Kerns, R.D. Sustained participation in the VA SCAN ECHO Pain Management Telementoring Program enhances pain care quality.

Barry, D.T., Beitel, M., Cutter, C.J., Kerns, R.D., **Moore, B.A.**, Madden, L.M., Liong, C. Ginn, J. & Schottenfeld, R.S. A Pilot randomized clinical trial of cognitive behavioral therapy for opioid use disorder and chronic pain.

Briefs, Summaries & Technical Reports

Wang, Y., Rosen, M.I., Shen, J., **Moore, B.A.,** Daar, E.S., and Liu, H. (2014). Intensity estimation for Poisson processes used to model a real-time medication event monitor, contributed paper. 2014 JSM Proceedings, Joint Research Conference, June 24-26, Seattle, WA. 4558-4567.

Mason, M., **Moore, B.A.,** Kissen, W., Messer, S., Duncan, D., & Moran, G. (1999). Preadolescent screening instrument: Literature review. Prepared for the Center for Substance Abuse Treatment, under CSAT contract No. 282-98-0015.

**Moore, B.A.** (1998). Literature review of behavioral modification of inappropriate behavior: Applying behavioral principals to the use of ignition interlock devices. Prepared for the National Highway Traffic Safety Administration, under NHTSA contract No. 237-89-5852.

### Professional Presentations

**Moore, B.A.,** Buono, F.D., Lloyd, D.P., Printz, D.M.B., Reichin, S.L., Jones, J.M., Sullivan, R.M., N Zenoni, N.M., Barry, D.T., Schottenfeld, R.S., & Fiellin, D.A. (June, 2017). The Recovery Line supports harm reduction in methadone maintenance. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Montreal, QC, Canada.

Buono, F.D., Lloyd, D.P., Sullivan, R.M., Printz, D.M.B., Zenoni, N.M., & **Moore, B.A.** (June, 2017). The development of a game-based incentives to increase utilization of an automated, computer-based treatment for methadone maintained patients. Paper presented at the annual scientific meeting of the College on Problems of Drug Dependence, Montreal, QC, Canada.

Printz, D.M.B., Buono, F.D., & **Moore, B.A.** (June, 2017). Feasibility of the Veterans' Recovery Line as ancillary care for substance abuse treatment. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Montreal, QC, Canada.

Edelman, E.J., **Moore, B.A.,** Holt, S. Fiellin, D.A., & Fiellin, L.E. (June, 2017). The impact of injectable naltrexone on antiretroviral therapy adherence in heavy drinking HIV-positive individuals. Poster presented at the annual scientific meeting of the Research Society on Alcoholism, Denver, CO. Abstract published in *Alcoholism: Clinical & Experimental Research,*

**Moore, B.A.**, Mutalik, P., Lee, A., & Kerns, R.D. (May, 2017). Sustained participation in the VA SCAN ECHO Pain Management Telementoring Program enhances pain care quality. Poster presented at 36th Annual Scientific Meeting of the American Pain Society's American Pain Society, Pittsburgh, PA. Abstract published in *Journal of Pain, 18,* S68.

Falker, C., Buono, F.D., Harrington, F., Kosowicz, R., Kumar, S., Laff, R., Lee, Y., Morford, K., Printz, D., **Moore, B.A.**, Stock, J., & Brienza, R.S., (May, 2017). Evaluation of burnout among residents in an academic primary care clinic setting. Poster presented at the annual meeting of the Society of General Internal Medicine National Annual Meeting, Washington, D.C.

Zegarek, M., Khanal, Y., Long, T., Buono, F., **Moore, B.A.**, & Brienza, R.S., (May, 2017). Effect of clinic setting on resident perception of quality, job satisfaction, and career choice. Poster presented at the annual meeting of the Society of General Internal Medicine National Annual Meeting, Washington, D.C.

Walker, J., Buono, F., Printz, D., **Moore, B.A.**, Croteau, C., & Brienza, R.S., (May, 2017). Integration of Physical Therapy into an interprofessional primary care training clinic; Cross Benefits for providers and patients. Paper presented at the annual meeting of Society of General Internal Medicine National Annual Meeting, Washington, D.C.

Lloyd, D.P., Buono, F.D., Printz, D.M.B., Reichin, S.L., Jones, J.M., Sullivan, R.M., Zenoni, N.M., & **Moore, B.A.** (October, 2016). The Recovery Line: An automated voice response system as adjunctive treatment for methadone patients. Poster presented at the 56th Annual Meeting of the New England Psychology Association (NEPA), Worcester, M.A.

Sullivan, R.M., Buono, F.D., Lloyd, D.P., Printz, D.M.B., Reichin, S.L., Jones, J.M., Zenoni, N.M., & **Moore, B.A.** (October, 2016). The use of an achievement-based point system among methadone maintained patients: A pilot study. Poster presented at the 56th Annual Meeting of the New England Psychology Association (NEPA), Worcester, M.A.

Fenton, B.T. Becker, W., Doyle, E. **Moore, B.A.**, Goulet, J.L., Brandt, C., Francis, J., Kerns, R.D., Kreiner, P. (October, 2016). Risky opioid use with in- and out-of-network care in VHA: Downside of increased access through out-of-system providers. Paper presented at the national convention of the American Public Health Association, Denver, CO.

Buono, F.D., **Moore, B.A.,** Printz, D.M.B., Lloyd, D.P., Cutter, C.J., & Sprong, M.E. (June, 2016). Video game addiction: Duration of play and impulsivity. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Palm Springs, CA. *Drug and Alcohol Dependence, 171,* e29 (DOI: http://dx.doi.org/10.1016/j.drugalcdep.2016.08.093).

Lloyd, D.P., Printz, D.M.B., Buono, F.D., Reichin, S., & **Moore, B.A.** (June, 2016). Evaluation of tailored therapeutic recommendations to improve use of an automated telephone-based treatment for methadone. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Palm Springs, CA. *Drug and Alcohol Dependence, 171,* e122. (DOI: http://dx.doi.org/10.1016/j.drugalcdep.2016.08.339).

Printz, D.M.B., Buono, F.D., Lloyd, D.P., Sullivan, R., Reichin, S., & **Moore, B.A.** (June, 2016). Gender differences in timing of reminder messages to improve use of an automated telephone-based treatment system for methadone patients. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Palm Springs, CA. *Drug and Alcohol Dependence, 171,* e169 (DOI: http://dx.doi.org/10.1016/j.drugalcdep.2016.08.465).

Becker, W.C., Doyle, E., Fenton, B., Francis, J., Brandt, C., **Moore, B.A.,** Kerns, R.D., & Kreiner, P. (June, 2016). Multiple sources of payment is associated with risky opioid therapy among Veterans. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Palm Springs, CA. *Drug and Alcohol Dependence, 171,* e17 (DOI: http://dx.doi.org/10.1016/j.drugalcdep.2016.08.061).

Sigmon,S.C., Ochalek, T., Hruska, B., Heil, S.H., Higgins, S.T., Rose, G., & **Moore, B.A.** (June, 2016). Interim buprenorphine treatment for reducing illicit opioid use during treatment delays. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Palm Springs, CA. *Drug and Alcohol Dependence, 171,* e190-191 (DOI: http://dx.doi.org/10.1016/j.drugalcdep.2016.08.522).

Ochalek, T., Pusey, J.D., Hruska, B., Heil, S.H., Higgins, S.T., Rose, G., **Moore, B.A.**, & Sigmon,S.C. (June, 2016). Within-subject evaluation of interim buprenorphine vs. waitlist on illicit opioid use. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Palm Springs, CA. *Drug and Alcohol Dependence, 171,* e154 (DOI: DOI: http://dx.doi.org/10.1016/j.drugalcdep.2016.08.426).

Edelman, E.J., **Moore, B.A.,** Berkenblit, G., Calabrese, S., Cunningham, C., Fiellin, D.A., Patel, V.V., Phillips, K.A., Tetrault, J.M., Shah, M., & Blackstock, O.J. (June, 2016). Pre-Exposure Prophylaxis (PrEP) for people who inject drugs: Willingness to prescribe among general internists. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Palm Springs, CA. *Drug and Alcohol Dependence, 171,* e58. (DOI: http://dx.doi.org/10.1016/j.drugalcdep.2016.08.170)

Flickinger, T.E., Fiellin, L.E., **Moore, B.A.,** Patel, V.V., & Phillips, K.A. (May, 2016). Mobile technology and social media strategies to improve health for vulnerable populations at risk for HIV and substance use. Research workshop presented at the annual scientific meeting of the Society for General Internal Medicine, Hollywood, FL.

Becker, W.C., Fenton, B., Doyle, E., **Moore, B.A.,** Brandt, C., Francis, J., Kerns, R.D., & Kreiner, P. (May, 2016). Multiple sources of payment is associated with risky opioid therapy among Military/VA. Paper presented at the annual scientific meeting of the Society for General Internal Medicine, Hollywood, FL.

Edelman, E.J., **Moore, B.A.,** Berkenblit, G., Calabrese, S., Cunningham, C., Fiellin, D.A., Patel, V.V., Phillips, K.A., Tetrault, J.M., Shah, M., & Blackstock, O.J. (May, 2016). Pre-Exposure Prophylaxis (PrEP) for people who inject drugs: Willingness to prescribe among general internists. Poster presented at the annual scientific meeting of the Society for General Internal Medicine, Hollywood, FL.

Edelman, E.J., **Moore, B.A.,** Berkenblit, G., Calabrese, S., Cunningham, C., Fiellin, D.A., Patel, V.V., Phillips, K.A., Tetrault, J.M., Shah, M., & Blackstock, O.J. (May, 2016). Getting HIV Pre-Exposure Prophylaxis (PrEP) into primary care practice: Train all providers, designate an on-site PrEP specialist or refer out? Poster presented at the annual scientific meeting of the Society for General Internal Medicine, Hollywood, FL.

Blackstock, O.J., **Moore, B.A.,** Berkenblit, G., Calabrese, S., Cunningham, C., Fiellin, D.A., Patel, V.V., Phillips, K.A., Shah, M., Tetrault, J.M., & Edelman, E.J. (May, 2016). Knowledge, attitudes, and beliefs associated with HIV pre-exposure prophylaxis (PrEP) uptake among primary care physicians. Poster presented at the annual scientific meeting of the Society for General Internal Medicine, Hollywood, FL.

Blackstock, O.J., **Moore, B.A.,** Berkenblit, G., Calabrese, S., Cunningham, C., Fiellin, D.A., Patel, V.V., Phillips, K.A., Shah, M., Tetrault, J.M., & Edelman, E.J. (May, 2016). Primary care provider and practice characteristics associated with HIV preexposure Prophylaxis (PrEP) uptake. Poster presented at the annual scientific meeting of the Society for General Internal Medicine, Hollywood, FL.

Printz, D.M.B., Lloyd, D.P., Buono, F.D., & **Moore, B.A.** (April, 2016). Use of reminder messages to improve utilization of an automated telephone-based treatment for methadone patients. Paper presented at the annual scientific meeting of the Society of Behavioral Medicine, Washington, DC.

Sigmon,S.C., Meyer, A., Hruska, B., Ochalek, T. Rose, G., Badger, G.J., Brooklyn, J.R., Heil, S.H., Higgins, S.T., **Moore, B.A.**, & Schwartz, R.P. (June, 2015). Interim treatment: Leveraging Buprenorphine + technology to bridge waitlist delays. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Scottsdale, AZ. *Drug and Alcohol Dependence, 156*, e204.

Savage, S. R., **Moore, B.A.**, Singer, B., Resnick, S., Brennan, M., Fortin, M., Nienstedt, T., & Ackerman, S. (June, 2015). Diverse opioid pathways in chronic pain recovery: Improved chronic pain, mood & function and reduction in opioid reliance following engagement in multidimensional self-care. Poster presented at the 2015 International Conference on Opioids, Boston, MA.

Lloyd, D.P., Printz, D.M.B., Buono, F.D., & **Moore, B.A.** (October, 2015). Evaluating the use of coping skill efficacy to tailor automated treatment among methadone maintained patients. Poster presented at the New England Psychological Association Annual Meeting, Fitchburg, MA.

Printz, D.M.B., Lloyd, D.P., Buono, F.D., & **Moore, B.A.** (October, 2015). Use of reminder messages to improve utilization of an automated telephone-based treatment for methadone patients. Poster presented at the New England Psychological Association Annual Meeting, Fitchburg, MA.

**Moore, B.A.**, Printz, D.M.B., Lloyd, D.P., Cutter, C.J., (April, 2015). Automated, mobile, phone-based cognitive behavioral treatment for methadone maintenance. Paper Presented at the annual scientific meeting of the Society for General Internal Medicine, Toronto, ON, Canada.

Lloyd, D.P., Printz, D.M.B., Cutter, C.J., **Moore, B.A.** (March, 2015). Evaluating the use of coping skill efficacy to tailor automated treatment among methadone maintained patients. Poster presented at the 3rd Annual Meeting of the Collaborative Perspectives on Addiction, Baltimore, MD.

Printz, D.M.B., Lloyd, D.P., Cutter, C.J., **Moore, B.A.** (March, 2015). Evaluating gender differences in automated, mobile treatment for opioid use disorder. Presentation at the 3rd Annual Meeting of Collaborative Perspectives on Addiction, Baltimore, MD.

**Moore, B.A.**, Anderson, D., Khatri, K., Dorflinger, L., Zlateva, I., Lee, A., Gilliam, W., Tian, T., & Kerns, R.D. (December, 2014). Pain care quality documentation chart reviews. Paper presented at the [7th Annual Conference on the Science of Dissemination and Implementation](http://www.academyhealth.org/DIConf2014), Bethesda, MD. Abstract published in *Implementation Science, 10, Supl 1,* A45.

**Moore, B.A.**, (August, 2014). Tele-Recovery: Enhancing recovery support services using telephone-based interventions. Invited Presentation at the 2014 Addiction Treatment Technology Summit: A Forum for Telehealth Innovators, Chicago, IL. Chicago, Illinois - August 26-27, 2014 (http://www.nattc.org/userfiles/file/Moore\_B.pdf)

**Moore, B.A.,** Rosen, M.I., Wang, Y., Shen, J., Ablondi, K., Sullivan, A., Guerrero, M., Siqueiros, L, Liu, H. (June, 2014). A remotely-delivered CBT and contingency management therapy for substance using people with HIV. Paper presented at the annual scientific meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico.

**Moore, B.A.**, Cutter, C.J., Mahoney, A., & Grandpre, N. (June, 2014). Call behavior and reported drug use within an automated telephone-based treatment system for methadone patients. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico. Abstract Published in *Drug and Alcohol Dependence, 146*, e117.

Fiellin, D.A., Cutter, C.J., **Moore, B.A.**, Barry, D.T., O’Connor, P.G., & Schottenfeld, R.S. (June, 2014). Primary care buprenorphine detoxification vs. maintenance for prescription opioid dependence. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico. Abstract Published in *Drug & Alcohol Dependence, 146,* e277.

Cutter, C.J., **Moore, B.A.**, Barry, D.T., Fiellin, L.E., Schottenfeld, R.S., O’Connor, P.G., & Fiellin, D.A. (June, 2014). Cognitive behavioral therapy improves treatment outcome for prescription opioid users in primary-care based buprenorphine/ naloxone treatment. Paper presented at the annual scientific meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico. Abstract Published in *Drug & Alcohol Dependence, 146*, e255.

**Moore, B.A.** (May, 2014). Automated telephone-based CBT to support opioid recovery in methadone maintenance patients. Invited Presentation at the 10th Annual Dartmouth Symposium on Substance Use, Emerging Technologies to Advance Prevention and Recovery. Hanover, NH.

**Moore, B.A.**, Dorflinger, L., Goulet, J., Lee, A., & Kerns, R.D. (May, 2014). Opioid prescribing and the Stepped Care Model of Pain Management in the Veteran's Health Administration. Poster presented at the annual scientific meeting of the American Pain Society, Tampa, FL. Abstract published in *Journal of Pain, 15*, S88.

Martin, A., Heapy, A.A., **Moore, B.A.**, Masheb, R. Driscoll, M., & Kerns, R.D. (May, 2014). A mediation model of neuropathic pain and sleep quality: the role of depressed affect and pain interference. Poster presented at the annual scientific meeting of the American Pain Society, Tampa, FL. Abstract published in *Journal of Pain, 15*, S104.

Kerns, R.D., Dorflinger, L., Goulet, J., **Moore, B.A.**, Lee, A., Pellico, L., Gilliam, W. (December, 2013). The Veterans Health Administration Stepped Care Model: A mixed qualitative and quantitative approach to informing and evaluating implementation. Poster presented at the 19th Annual International Scientific Symposium on Improving the Quality and Value of Health Care, Orlando, FL.

Beitel, M., Cutter, C.J., Schottenfeld, R.S., Savant, J.D., **Moore, B.A.**, & Barry, D.T. (June, 2013). Feasibility, acceptability, and initial efficacy of pain management groups in methadone maintenance treatment. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, San Diego, CA. Abstract Published in *Drug & Alcohol Dependence, 140,* e12.

Edelman, E.J., **Moore, B.A.**, Caffrey, S., Sikkema, K.J., Jones, E., Paltiel, D., Schottenfeld, R.S., Fiellin, D.A., & Sullivan L.E. (June, 2013). HIV testing and sexual risk reduction counseling in office-based buprenorphine/naloxone treatment. Paper presented at the annual scientific meeting of the College on Problems of Drug Dependence, San Diego, CA. Abstract Published in *Drug & Alcohol Dependence, 140,* e54.

Wang, Y., Spears, A., Rosen, M.I., Shen, J., **Moore, B.A.**, Daar, E.S., and Liu, H. (August, 2013). Statistics aids in development of personalized modules to improve medication adherence. Poster presented at the 2013 Joint Statistical Meetings, Montreal, QC, Canada.

Wang, Y., Rosen, M.I., Shen, J., **Moore, B.A.**, Daar, E.S., and Liu, H. (June, 2013). How technology involved in real time intensive longitudinal data collection. Paper presented at the 20th ASA/IMS Spring Research Conference on Statistics in Industry and Technology, UCLA. Los Angeles, CA.

Liu, H., **Moore, B.A.**, Wang, Y., Shen, J., Ablondi, K., Sullivan, A., Guerrero, M., Siqueiros, L., Daar, E., & Rosen, M.I. (June, 2013). Remotely-delivered cognitive behavior therapy and contingent reinforcement of real-time monitored adherence for people using substances with HIV. Poster presented at the 8th International Conference on HIV Treatment and Prevention Adherence, Miami, FL.

**Moore, B.A.** (June, 2012). Implementing automated, mobile ancillary services in opioid treatment settings. Paper presented at the annual scientific meeting of the College on Problems of Drug Dependence, Palm Springs, CA.

Cutter, C.J., Beitel, M., Savant, J.D., **Moore, B.A.**, Schottenfeld, R.S., Fiellin, D.A. & Barry, D.T. (June, 2012). The feasibility and acceptability of using the Nintendo® Wii Fit exercise program in patients receiving methadone. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Palm Springs, CA.

Savant, J.D., Barry, D.T., **Moore, B.A.,** Sullivan, L.E., Cutter, C.J., Joy, M.T., Schottenfeld, R.S., & Fiellin, D.A. (June, 2012). The impact of depression on primary care office-based buprenorphine treatment outcomes. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Palm Springs, CA.

**Moore, B.A.** & Fazzino, T. (August, 2011). Development of automated, mobile treatment systems for opioid dependence. Paper presented at the annual convention of the American Psychological Association, Washington, DC.

**Moore, B.A.**, Fazzino, T., Necrason, E., Rounsaville, B.J., Sullivan, L.E., & Fiellin, D.A. (June, 2011). Provider acceptability of automated ancillary services for buprenorphine treatment. **Poster** presented at the annual scientific meeting of the College on Problems of Drug Dependence, Hollywood, FL.

Fazzino, T. & **Moore, B.A.** (June, 2011). Utilization of an automated therapeutic telephone system in primary care buprenorphine. **Poster** presented at the annual scientific meeting of the College on Problems of Drug Dependence, Hollywood, FL.

Barry, D.T., Savant, J.D., Beitel, M., Cutter, C.J., **Moore, B.A.**, Schottenfeld, R.S. & Fiellin, D.A. (June, 2011). Prevalence of chronic pain and interest in pain management among patients seeking office-based buprenorphine-naloxone treatment**. Poster** presented at the annual scientific meeting of the College on Problems of Drug Dependence, Hollywood, FL.

Cutter, C.J., Barry, D.T., Savant, J.D., Beitel, M., **Moore, B.A.**, Sullivan, L.E., Schottenfeld, R.S. & Fiellin, D.A. (June, 2011). Chronic pain and office-based buprenorphine-naloxone treatment outcomes**. Poster** presented at the annual scientific meeting of the College on Problems of Drug Dependence, Hollywood, FL.

Tetrault, J.M., **Moore, B.A.**, Barry, D.T., O’Connor, P.G., Schottenfeld, R.S., Fiellin, D.A., & Sullivan, L.E. (May, 2011). Brief versus extended counseling along with buprenorphine/naloxone for HIV-infected opioid dependent patients. Paper presented at the annual scientific meeting of the Society for General Internal Medicine, Phoenix, AZ. Abstract published in *Journal of General Internal Medicine, 26,* s133-s144.

**Moore, B.A.** & Fazzino, T. (November, 2010). The Recovery Line Support System: A therapeutic interactive voice response system for buprenorphine maintenance. Poster presented at the 2010 mHealth Summit, Washington, DC.

**Moore, B.A.** & Fazzino, T. (October, 2010). The Recovery Line Support System: Automated telephone-based treatment for opioid dependence. Poster presented at Addictions 2010: The New Frontier in Addiction Treatment: Evidence-Based Policy and Practice, Arlington, VA.

**Moore, B.A.** (September, 2010). Longitudinal self-report and biological data in substance abuse treatment research. Invited presentation of Department of Biostatistics, Yale University School of Public Health.

**Moore, B.A.** & Fazzino, T. (August, 2010). The Recovery Line Support System: A therapeutic interactive voice response system for buprenorphine maintenance. Poster presented at the annual convention of the American Psychological Association, San Diego, CA.

**Moore, B.A.,** Fazzino, T., Sullivan, L.E., & Fiellin, D.A. (June, 2010). Internet use among opioid-dependent individuals seeking primary care-based buprenorphine/naloxone treatment. Poster presented at the 71th annual scientific meeting of the College on Problems of Drug Dependence, Scottsdale, AZ.

Cutter, C.J., Barry, D.T., **Moore, B.A.**, Sullivan, L.E., Schottenfeld, R.S. O’Connor, P.G. & Fiellin, D.A. (June, 2010). Cognitive behavioral therapy session attendance, retention and opioid use in primary-care based buprenorphine/naloxone treatment**. Poster** presented at the annual scientific meeting of the College on Problems of Drug Dependence, Scottsdale, AZ.

Fiellin, D.A., L Sullivan, D Barry, D.T., C Cutter, C.J. **Moore, B.A.**, O’Connor, P.G., & Schottenfeld, R.S. (June, 2010). Physician Management with and without cognitive behavioral therapy in primary-care based buprenorphine/naloxone. **Poster** presented at the annual scientific meeting of the College on Problems of Drug Dependence, Scottsdale, AZ.

Fazzino, T. & **Moore, B.A.** (June, 2010). Gender differences in acceptability of a therapeutic telephone system in primary care buprenorphine. Poster presented at the 71th annual scientific meeting of the College on Problems of Drug Dependence, Scottsdale, AZ.

Wang, E.A., **Moore, B.A.**, Sullivan, L.E., Fiellin, D.A. (April, 2010). Primary care office-based buprenorphine/naloxone treatment and the legal and criminal justice system. Paper presented at the 33rd annual scientific meeting of the Society for General Internal Medicine, Minneapolis, Minnesota.

**Moore, B.A.** & Fazzino, T. (February, 2010). The Recovery Line: A Therapeutic Interactive Voice Response system for buprenorphine maintenance. Paper presented at the 12th International Conference on Treatment of Addictive Behaviors, Santa Fe, NM.

**Moore, B.A.** (February, 2010). Mhealth for drug abuse: Opportunities and potential barriers. Paper presented at the first International mHealth Networking Conference, Washington, DC.

Schackman, B.R., Leff, J.A., **Moore, B.A.**, & Fiellin, D.A. (October, 2009). Cost-effectiveness of long-term outpatient buprenorphine treatment for opioid dependence. Paper presented at the Addiction Health Services Research Conference, San Francisco, CA.

Schackman, B.R., Leff, J.A., **Moore, B.A.**, & Fiellin, D.A. (October, 2009). Cost-effectiveness and value of information analysis of long-term outpatient buprenorphine treatment for opioid dependence: Potential impact of generic competition. Paper presented at the 31st Annual Meeting of the Society for Medical Decision Making, Los Angeles, CA.

**Moore, B.A.,** Schottenfeld, R.S., & George, T.P. (August, 2009). Selegiline reduces cannabis withdrawal and craving in outpatient treatment. Poster presented at the annual convention of the American Psychological Association, Toronto, ON, Canada.

## Moore, B.A., Garnet, B., Cutter, C. & Barry, D. (June, 2009). Systematic review of computer-based treatments for drug abuse and dependence. Poster presented at the 70th annual scientific meeting of the College on Problems of Drug Dependence, Reno, NV.

## Sullivan, L.E., Fiellin, D.A., Moore, B.A., Kraus, M.L., & Schottenfeld, R.S (June, 2009). HIV risk behaviors and physician screening practices during office-based buprenorphine/naloxone treatment. Paper presented at the 70th annual scientific meeting of the College on Problems of Drug Dependence, Reno, NV.

## Falzer, P.R., Garmin, D. M., Moore, B.A. (April, 2009). How recognizing a patient’s mental model affects the use of a guideline in making treatment decisions. Paper presented at the Society of Behavioral Medicine Conference. Montreal, QC, Canada.

Sullivan, L.E., Fiellin, D.A., **Moore, B.A.**, & Schottenfeld, R.S. (June, 2008). **Sexual risk and physician screening practices in office-based buprenorphine.** Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico.

Fiellin, D.A., Sullivan, L.E., **Moore, B.A.**, O’Connor, P.G., Chawarski, M.C., Barry, D.T., Pantalon, M.V., & Schottenfeld, R.S. (June, 2007). The impact of cocaine use on outcomes in office-based buprenorphine treatment. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Quebec City, Quebec, Canada.

Jones, E.S., **Moore, B.A.**, Sindelar, J.L., O’Connor, P.G., Schottenfeld, R.S., & Fiellin, D.A. (June, 2007). Cost analysis of clinical and office-based treatment of opioid dependence. Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Quebec City, Quebec, Canada.

Fiellin, D.A., Barry, D., **Moore, B.A.**, Chawarski, M.C., Sullivan, L.E., O’Connor, P.G., & Schottenfeld, R.S. (June, 2006). **Minimal vs. enhanced counseling and directly observed therapy in primary care buprenorphine treatment.** Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Scottsdale, AZ.

Barry, D., Bernard, M.J., Beitel, M., **Moore, B.A.**, Chawarski & Schottenfeld, R.S. (June, 2006). **Counselor experiences working with methadone-maintained chronic pain patients: An exploratory study. Paper** presented at the annual scientific meeting of the College on Problems of Drug Dependence, Scottsdale, AZ.

Sullivan, L.E., **Moore, B.A.**, Chawarski, M.C., Tetrault, J.M., Pantalon, P.G., O’Connor, P.G., Schottenfeld, R.S., & Fiellin, D.A. (June, 2006). **A trial of integrated bruprenorphone/naloxone and HIV clinical care.** Paper presented at the annual scientific meeting of the College on Problems of Drug Dependence, Scottsdale, AZ.

**Pantalon, M.V.,** Fiellin, D.A., Chawarski, M., **Lavery, M.E., Barry, D.T., Moore, B.A.,** O’Connor, P.G., & Schottenfeld, R.S. (June, 2006)**. Clinician adherence to counseling manuals during office-based buprenorphine maintenance.** Poster presented at the annual scientific meeting of the College on Problems of Drug Dependence, Scottsdale, AZ.

Tetrault, J., Crothers, K., **Moore, B.A.**, Mehra, R., Concato, J., & Fiellin, D.A. (April, 2006). Effects of marijuana smoking on pulmonary function: A systematic review. Poster presented at the annual scientific meeting of the Society for General Internal Medicine, Toronto, ON, Canada.

**Moore, B.A.**, Fiellin, D.A., & Schottenfeld, R.S. (June, 2005). Treatment outcome of nonmedical prescription opiate users in office-based buprenorphine treatment: Comparison with heroin and combined users. Invited presentation at the 2005 International Narcotics Research Conference, Annapolis, MD.

**Fiellin, D.A., Pantalon, M.V., Chawarski, M.C., Sullivan, L.E. Moore, B.A., Barry, D. ,O’Connor P.G. & Schottenfeld, R.S.** (June, 2005). **Counseling and attendance requirements for buprenorphine treatment in primary care**. Poster presented at the 66th annual scientific meeting of the College on Problems of Drug Dependence, Orlando, FL.

Barry, D.T., Fiellin, D.A., **Moore, B.A.,** & Schottenfeld, R.S. (June, 2005). Patient Satisfaction with Primary Care Office-Based Buprenorphine Treatment. Poster presented at the 66th annual scientific meeting of the College on Problems of Drug Dependence, Orlando, FL.

**Moore, B.A.**, Fiellin, D.A., & Schottenfeld, R.S. (June, 2005). **Frequency of marijuana use predicts retention and treatment outcome in office-based buprenorphine treatment for opioid dependence.** Poster presented at the 66th annual scientific meeting of the College on Problems of Drug Dependence, Orlando, FL.

Fiellin, D.A., Pantalon, M.V., O’Connor, P.G., Sullivan, L.E., Barry, D.T., **Moore, B.A.**, Chawarski, M., & Schottenfeld, R.S. (2006). Counseling and attendance requirements for buprenorphine treatment in primary care. Paper presented at the annual scientific meeting of the Society for General Internal Medicine, Los Angeles, CA.

Sullivan, L.E., **Moore, B.A.**, Chawarski, M.C., Schottenfeld, R.S., O’Connor, P.G., & Fiellin, D.A. (April, 2005). Buprenorphine reduces HIV/AIDS risk behaviors in primary care. Poster presented at the annual scientific meeting of the Society for General Internal Medicine, Los Angeles, CA.

**Moore, B.A.**, Fiellin, D.A., & Schottenfeld, R.S. (June, 2004). Use of non-medical prescription opiates predicts outcome in office-based buprenorphine treatment. Paper presented at the 65th annual scientific meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico.

Fiellin, D.A., Sullivan, L.E., O’Connor, P.G., Chawarski, M.C., Pantalon, M.V., **Moore, B.A.,** & Schottenfeld, R.S. (June, 2004). Office-based buprenorphine: Long-term follow-up in primary care. Poster presented at the 65th annual scientific meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico.

Budney, A.J., **Moore, B.A.,** Rocha, H., & Higgins, S.T. (June, 2004). One-year follow-up of voucher-based interventions for marijuana dependence: Patterns of abstinence. Paper presented at the 65th annual scientific meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico.

Barry, D.T., **Moore, B.A.**, Chawarski, M.C., Pantalon, M.V., & Schottenfeld, R.S. (June, 2004). Predictors of treatment response among cocaine-dependent mothers. Paper presented at the 65th annual scientific meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico.

Vandrey, R.G., Budney, A.J., **Moore, B.A**., & Hughes, J.R. (June, 2004). Dronabinol (oral THC) attenuates cannabis withdrawal symptoms. Paper presented at the 65th annual scientific meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico.

Weissman, S., Feucht, C., & **Moore, B.A.** (February, 2004). Response to hepatitis A vaccine in HIV positive patients. Paper presented at the 11th Conference on Retroviruses and Opportunistic Infections, San Francisco, CA.

**Moore, B.A.,** Budney, A.J., & Vandrey, R.G. (June, 2003). Legal involvement among marijuana-dependence treatment seekers predicts outcome. Paper presented at the 64th annual scientific meeting of the College on Problems of Drug Dependence, Bar Harbour, FL.

Budney, A.J., **Moore, B.A.,** & Rocha, H. (June, 2003). Abstinence-based vouchers delivered without psychotherapy increase abstinence during treatment for marijuana dependence*.* Paper presented at the 64th annual scientific meeting of the College on Problems of Drug Dependence, Bar Harbour, FL.

Augustson, E.E., **Moore, B.A.,** Moser, R.P., & Budney, A.J. (June, 2003). Heath effects of marijuana and tobacco in a U.S. sample. Paper presented at the 64th annual scientific meeting of the College on Problems of Drug Dependence, Bar Harbour, FL.

Vandrey, R.G., Budney, A.J., Hughes, J.R., & **Moore, B.A.** (June, 2003). A comparison of marijuana, tobacco, and combined withdrawal effects. Paper presented at the 64th annual scientific meeting of the College on Problems of Drug Dependence, Bar Harbour, FL.

**Moore, B.A.** & Budney, A.J. (August, 2002). Relapse to daily marijuana use following outpatient treatment. Poster presented at the annual scientific convention of the American Psychological Association, Chicago, IL.

**Moore, B.A.,** & Budney, A.J. (June, 2002). Predicting relapse following successful outpatient marijuana treatment. Poster presented at the 63rd annual scientific meeting of the College on Problems of Drug Dependence, Quebec City, Quebec, Canada. Abstract published in *Drug and Alcohol Dependence, 66*, S123.

Budney, A.J., **Moore, B.A.**, Vandrey, R.G., & Hughes, J.R. (June, 2002). Onset, magnitude, and duration of abstinence effects following heavy marijuana use. Paper presented at the 63rd annual scientific meeting of the College on Problems of Drug Dependence, Quebec City, Quebec, Canada. Abstract published in *Drug and Alcohol Dependence, 66*, S23.

Vandrey, R.G., Budney, A.J., Hughes, J.R., & **Moore, B.A.** (June, 2002). Comparison of tobacco and marijuana withdrawal effects. Paper presented at the 63rd annual scientific meeting of the College on Problems of Drug Dependence, Quebec City, Quebec, Canada. Abstract published in *Drug and Alcohol Dependence, 66*, S186.

**Moore, B.A.**, Budney, A.J., & Rocha, H. (June, 2001). Abstinence prior to treatment for marijuana dependence predicts treatment outcome. Poster presented at the 62nd annual scientific meeting of the College on Problems of Drug Dependence, Scottsdale, AZ. Abstract published in *Drug and Alcohol Dependence, 63*, S21.

Budney, A.J., **Moore, B.A.**, & Rocha, H. (June, 2001). Abstinence-based vouchers delivered without psychotherapy increase abstinence during treatment for marijuana dependence*.* Poster presented at the 62nd annual scientific meeting of the College on Problems of Drug Dependence, Scottsdale, AZ. Abstract published in *Drug and Alcohol Dependence, 63*, S109.

Vandrey, R.G., Budney, A.J., **Moore, B.A.**, & Hughes, J.R. (June, 2001). Timecourse of Marijuana Withdrawal Effects. Paper presented at the 62nd annual scientific meeting of the College on Problems of Drug Dependence, Scottsdale, AZ. Abstract published in *Drug and Alcohol Dependence, 63*, S162-S163.

**Moore, B.A.**, Rauch, W.J., & Ahlin, E. (June, 2001). DWI and ignition interlocks: An operant conditioning analysis. Poster presented at the 24th annual Conference of the Research Society on Alcoholism, Montreal, QC, Canada. Abstract published in *Alcoholism: Clinical & Experimental Research, 25,* 53A.

Caudill, B.D., Yoshida, N.K., **Moore, B.A.**, & Kong, F.H. (June, 2001). Alcohol expectancies and modeling effects in alcohol consumption in heavy social drinkers. Poster presented at the 24th annual Conference of the Research Society on Alcoholism, Montreal, QC, Canada. Abstract published in *Alcoholism: Clinical & Experimental Research, 25,* 84A.

Caudill, B.D., Harding, W.M., **Moore, B.A.**, & Frissell, K.C. (May, 2000). Strategies for avoiding driving while intoxicated and riding with intoxicated drivers in at-risk barroom drinkers. Paper presented at the 15th International Conference on Alcohol, Drugs and Traffic Safety. Paper also published in the *Proceedings of the 15th International Conference on Alcohol, Drugs and Traffic Safety*.

Harding, W.M., Caudill, B.D., **Moore, B.A.**, & Frissell, K.C. (May, 2000). The efficacy of a publicity campaign promoting the use of alternative transportation to prevent driving while intoxicated. Paper presented at the 15th International Conference on Alcohol, Drugs and Traffic Safety. Paper also published in the *Proceedings of the 15th International Conference on Alcohol, Drugs and Traffic Safety*.

Caudill, B.D., Harding, W.M., & **Moore, B.A.** (August, 1999). Heavy drinkers avoidance of DWI: A basis for developing innovative prevention strategies. Paper presented at the 38th International ICAA Congress on Alcohol, Drug and other Dependencies.

**Moore, B.A.**, Harding, W.M., & Caudill, B.D. (June, 1998). Predicting driving while intoxicated using the CAGE, Cahalan’s Quantity-Frequency-Variability Index and estimated BAC. Poster presented at the annual Conference of the Research Society on Alcoholism, Hilton Head, SC. Abstract published in *Alcoholism: Clinical & Experimental Research, 22,* 83A.

Harding, W.M., Caudill, B.D., & Moore B.A. (June, 1998). Do drivers drink more when they use a safe ride? Poster presented at the annual Conference of the Research Society on Alcoholism, Hilton Head, SC. Abstract published in *Alcoholism: Clinical & Experimental Research, 22,* 83A.

Caudill, B.D., Harding, W.M., & **Moore, B.A.** (June, 1998). At-risk drinkers use safe ride services to prevent drinking and driving. Poster presented at the annual Conference of the Research Society on Alcoholism, Hilton Head, SC. Abstract published in *Alcoholism: Clinical & Experimental Research, 22,* 82A.

Ecker, T.P., Caudill, B.D., Harding, W.M., & **Moore, B.A.** (June, 1998). Promoting an alternative transportation program: Do drinkers notice the message. Poster presented at the annual Conference of the Research Society on Alcoholism, Hilton Head, SC. Abstract published in *Alcoholism: Clinical & Experimental Research, 22,* 41A.

**Moore, B.A.**, Ottaway, S.A., & Ellis, H.C. (November, 1996). Emotion and false memories. Poster presented at the annual meeting of the Psychonomic Society, Chicago, IL.

Ellis, H.C., Ottaway, S.A., Varner, L.J., Becker, A.S., & **Moore, B.A.** (July, 1995). Emotion and text comprehension: Depression and the detection of logical inconsistencies in text. Paper presented at the International Conference of the Stress and Anxiety Research Society (STAR), Prague, the Czech Republic.

Abbott, P.J., Weller, S.B., Delaney, H.D., & **Moore, B.A.** (June, 1995). Community Reinforcement approach and relapse prevention in the treatment of opioid dependency. Poster presented at the 57th annual scientific meeting of the College on Problems of Drug Dependence, Scottsdale, AZ. Abstract published in the *NIDA Research Monograph #162*, 1995.

Weller, S.B., Abbott, P.J., Delaney, H.D., & **Moore, B.A.** (June, 1995). Psychiatric disorders of opioid addicts entering treatment and relationships to AIDS risk behavior. Paper presented at the 57th annual scientific meeting of the College on Problems of Drug Dependence, Scottsdale, AZ. Abstract published in the *NIDA Research Monograph #162,* 1995.

**Moore, B.A.**, Varner, L.J., Becker, A.S., Ottaway, S.A., & Ellis, H.C. (May, 1995). Cognitive interference and memory: Task organization affects both irrelevant thoughts and recall. Paper presented at the Southwestern Society for Cognition, College Station, TX.

Ellis, H.C., Varner, L.J., Becker, A.S., Ottaway, S.A., & **Moore, B.A.** (July, 1994). Emotion and memory: Positive mood states and memory deficits. Paper presented at the annual convention of the International Conference of the Stress and Anxiety Research Society (STAR), Madrid, Spain.

**Moore, B.A.**, Varner, L.J., Ottaway, S.A., Becker, A.S., & Ellis, H.C. (April, 1994). Irrelevant thoughts predict recall: Examining the effects of story organization. Paper presented at the annual meeting of the Rocky Mountain Psychological Association, Las Vegas, NV.

Ottaway, S.A., Ellis, H.C., Varner, L.J., Becker, A.S., & **Moore, B.A.** (April, 1994). A generate/recognize model of implicit memory: Evidence from reaction time. Paper presented at the annual meeting of Rocky Mountain Psychological Association, Las Vegas, NV.

**Moore, B.A.**, Varner, L.J., Becker, A.S., Ottaway, S.A. & Ellis, H.C. (May, 1993). The effect of irrelevant thoughts associated with depressed mood on organized and unorganized material. Paper presented at the Southwestern Society for Cognition, Arlington, TX.

Varner, L.J., Ellis, H.C., Becker, A.S., Ottaway, S.A. & **Moore, B.A.** (May, 1993). Emotion as Schema: A mediating mechanism of mood-congruent encoding and retrieval. Paper presented at the Southwestern Society for Cognition, Arlington, TX.

**Moore, B.A.**, & Hyman, I.E., Jr. (May, 1993). Autobiographical and story remembering in individuals, dyads, and groups. Poster presented at the annual convention of the Western and Rocky Mountain Psychological Associations, Phoenix, AZ.

Hyman, I.E., Jr., & **Moore, B.A.** (May, 1992). The effect of contextual demands on autobiographical memory. Poster presented at the annual convention of the Western Psychological Association, Portland, OR.

Hyman, I.E., Jr., Carmean, S., & **Moore, B.A.** (May, 1992). Chaos theory applied to conversation. Poster presented at the annual convention of the Western Psychological Association, Portland, OR.

**grants**

**Submitted**

**I01 HX002438 “Ecological Momentary Assessment and Intervention to Improve Automated Cognitive Behavioral Treatment for Chronic Pain”**

**Project Period: 87/1/2017-6/30/2021 $1,099,304 Total Direct Costs**

Chronic pain is one of the most common health problems among VA patients and is associated with declines in functioning, emotional distress, mental health and substance use disorders, suicide, and difficulty managing comorbid medical conditions. Cognitive behavioral therapy (CBT) is the preeminent evidence-based approach to chronic pain management. However, one identified weakness is that CBT treatment effects for chronic pain management are not long-lasting. Improving the durability of CBT treatment effects for chronic pain conditions is of critical value to promoting optimal patient functioning and health system efficiency. Our recently completed, HSR&D-funded trial found that a CBT-based, MHealth system called COPES (COoperative Pain Education and Self-management), decreased pain intensity and improved physical functioning, pedometer-measured step counts and catastrophizing for Veterans with chronic back pain, and that these results were not inferior to those assigned to in-person CBT. Ecological momentary intervention (EMI) involves brief, targeted interventions that can be provided after an assessment or at other times when they are most needed. Thus, EMI offers a more engaging contact with the mHealth system than assessment only. Using MHealth to deliver CBT and including a maintenance phase supported by EMI could make CBT for pain more durable. The current study proposes a randomized clinical trial to evaluate the addition of EMI to an empirically-validated CBT-based mHealth intervention for chronic pain (COPES) in order to enhance the durability of treatment effects.

**Current**

**Completed**

**I21 HX001748** “**Automated, Mobile, Ancillary Care for Substance Abuse Treatment**”

**Project Period: 10/01/2015-03/30/2017 $100,000 Total Direct Costs**

The goal of this project is to adapt and develop an automated ancillary treatment, The Recovery Line, for Veterans in substance abuse treatment. This pilot project will evaluate whether an adapted system improves patient retention, acceptability, and treatment outcome, and whether evaluation in a large-scale effectiveness trial is warranted. In addition, the study will provide a template for adapting behavioral telehealth technologies in Veterans for a range of common disorders.

**R01 DA034678 “Automated Recovery Line for Medication Assisted Treatment”**

**Project Period: 9/15/2013-7/31/2017 $750,000 Total Direct Costs**

This project is a Stage Ib R01 application to develop system functions to increase patient system use and to test those functions for the Recovery Line, a Cognitive Behavioral Therapy (CBT)-based IVR system to reduce substance use in patients receiving opioid agonist maintenance. The project is a logical extension of the system developed with the career award. Specific aim 1 (Phase 1) is to develop and evaluate customized therapeutic recommendations based on coping skills assessments. Patients will be directed to modules to help them with assessed coping deficiencies based on their answers to brief preliminary questions. Specific aim 2 (Phase 2) is to develop and test system reminder messages to evaluate optimal latency (time since missed call) and message content. We will evaluate gain-framed and loss-framed messages because they have been effective in message-based smoking interventions. We will evaluate reminder message latency because short reminder latencies may be effective initially but frequent reminders may become aversive and ineffective over time. Phases 1 and 2 features will be incorporated into the final Recovery Line prototype. Specific aim 3 (Phase 3), is to conduct a 12-week pilot randomized (N=60), clinical trial with a 3 month post-treatment follow-up to obtain data regarding the feasibility, acceptability and efficacy of the developed Recovery Line (compared to TAU). If shown to be effective, the Recovery Line would provide an inexpensive, transportable, and easy to use treatment to improve substance abuse outcomes for medication assisted treatment.

**R01 DA034678-S1 “Improving Computer-based Drug Abuse Treatment for Women”**

**Project Period: 12/01/2013-7/31/2015 $59,387 Total Direct Costs**

Since 2000, opioid dependence in women has almost tripled, with dependence on heroin growing faster for women than men. Yet despite this disparity in need, women experience longer treatment wait times and are less likely to received Methadone Maintenance Treatment (MMT). Gender-based treatments have been shown to improve treatment outcomes for women, but such programs can be expensive, require additional resources, and currently have limited availability. Thus, there is a clear need for alternative, cost-effective treatments for women. This application proposed to conduct a mixed-method evaluation of gender differences in the Recovery Line in three phases by increasing study sample sizes of the parent grant studies to evaluate gender as a factor, and conducting an additional gender-focused qualitative study. Specific Aim 1 evaluated gender differences in 2 studies testing functions designed to increase utilization of the automated system. Specific Aim 2 evaluated gender differences in treatment process and outcomes in a 12-week, randomized clinical trial and 3-month post-treatment follow-up of the Recovery Line prototype compared to treatment-as-usual. Specific Aim 3 used a qualitative focus group study to ascertain additional gender-specific factors that may improve system use and efficacy for women. The focus groups also explored perceived causal mechanisms of action between system use and behavioral change. Findings are relevant to automated treatments for a wide-range of psychiatric disorders and health behaviors in addition to substance abuse.

**K01 DA022398 “Computer-Based Treatment for Drug Dependence”**

**Project Period: 07/01/2009-11/30/2012 $671,596 Total Direct Costs**

This project was a mentored career award to develop computer-assisted methods to provide drug counseling to patients receiving office-based buprenorphine maintenance and other drug abuse treatment. The project increased the PI’s skills and knowledge in 3 areas: 1) computer based interventions for substance abuse and other psychiatric disorders, 2) the development and evaluation of manual-guided behavioral interventions, and 3) qualitative research methods. The research project involved 3 phases to develop and evaluate a Therapeutic interactive voice response (TIVR) prototype providing cognitive and behavioral treatment (CBT) to opioid dependent patients receiving opioid agonist maintenance. The three research phases involved the generation, testing, and modification of TIVR individual treatment modules. 36 patients were randomly assigned to either TIVR, receiving access to the prototype for 4 weeks, or to treatment-as-usual. This pilot provided initial evidence of TIVR efficacy and indicators of the feasibility and acceptability of using TIVR in office-based settings.

**R21 DA019246 “Selegiline for Treatment of Cannabis Dependence”**

**Project Period: 09/27/2004 - 08/31/2007 $275,000 Total Direct Costs.**

This study was a placebo-controlled double blind, pilot clinical trial of the medication selegiline (l-Deprenyl) for treating cannabis dependence. Specific aims of the study were 1) to obtain efficacy data regarding the effect size between selegiline compared to placebo for reducing cannabis use in cannabis-dependent patients; and 2) to explore the impact of selegiline and placebo on acute and protracted withdrawal symptoms. Cannabis-dependent participants were randomly assigned to 8 weeks of treatment with selegiline (10 mg/day) or placebo. All participants received weekly individual standard medical management provided by a specially trained physician. Primary outcome measures included reduction in frequency of cannabis use and weeks of consecutive cannabis abstinence (as assessed by self-report and verified by twice weekly quantitative urine tests).

## TEACHING EXPERIENCE

**Member (2015 to present) -** VA Connecticut Healthcare System. Clinical Health Psychology Predoctoral Internship mentorship committee.

***Rotation Lecturer,* VA Connecticut Healthcare System, Department of Psychology (2015 –2016).**

*“Cannabis Use and Use Disorders.”* Lectures for Clinical Health Psychology post-doctoral associates.

***Rotation Lecturer,* Yale University School of Medicine, Department of Psychiatry (2004 – 2016).**

Core Addiction Psychiatry Course: *“Marijuana Abuse and Dependence.”* Lecture for psychiatric fellows, post-doctoral associates, and psychology interns.

***Rotation Lecturer,* Yale University School of Medicine, Department of Psychiatry (2004 – 2014).** Psychiatry Seminar: *“Substance Abuse – Opiates”* and “*Substance Abuse – Introduction and Club Drugs*” Seminar for third and fourth year medical students in their psychiatry clerkship.

Internal Medicine Seminar: *“Outpatient Management of Patients with Alcohol Problems.”* Lecture for third and fourth year medical students in their internal medicine clerkship.

***Instructor*, Applied Statistics for Patient Oriented Research. Yale University School of Medicine, Department of Psychiatry (Spring, 2007-2012).** Instructor for 6 month course covering basic and advanced statistical procedures and research design for Division of Substance Abuse Psychology interns and Psychiatry fellows.

***Adjunct Faculty,* University of Hartford (Fall, 2007 – Spring, 2008).**

Psychology 510 and 582: “Experimental Design and Statistics I and II”. First year graduate level series for Master’s students in Psychology.

***Instructor*, Addiction Psychiatry Seminar. Yale University School of Medicine, Department of Psychiatry (August 2005).** Led four week class on addiction for third year medical students.

***Guest Lecturer,* Department of Psychology, University of Hartford (Fall 2005 - 2010).**

Psychology 681 – Behavior Therapy: *“Contingency management for substance abuse and other disorders.”* Graduate seminar for the Master’s program in clinical practices.

Psychology 270 – Research Methods and Statistical Analysis: *“Introduction to hypothesis testing.”* Undergraduate course for psychology majors and minors.

***Trainer,* Yale University School of Medicine and APT Foundation (April 2005).**

“The Addiction Severity Index” and “Marijuana Use and Dependence: Issues and research.” Lectures for visiting MDs from Kenya and Iran.

***Community Speaker,* Yale College (March 2005).**

***“***Marijuana: Myths and facts.” Lecture for Yale Peer Educators group.

***Instructor,* Academic Preparation Course. University of New Mexico Department of Psychiatry (June 1995).**

Two-day intensive weekend instruction on academic skills, time management, and writing processfor substance abuse clinicians re-entering graduate training.

***Instructor,* Psychology 200 - Introductory Statistics. University of New Mexico (Fall 1994, Spring 1995, Summer 1996).**

Taught two sections per semester of elementary statistics to undergraduates.

***Teaching Assistant/ Instructor,* Psychology 503L and 504L - Advanced Statistic Lab. University of New Mexico (Fall 1993, Spring 1994).**

Provided instruction to graduate students on advanced topics in experimental design and analysis, including instruction on computer statistical analysis, and analysis of complex data sets.

***Co- Instructor,*  Psychology 471 - Attitude Processes. University of New Mexico (Summer 1993).**

Co-led seminar on advanced social psychology topic to undergraduate students.

***Instructor,*  Psychology 271 – Social Psychology. University of New Mexico (Summer 1993).**

Introductory course on social psychology for undergraduates.

***Instructor,*  Psychology 106L – Introductory Psychology Lab. University of New Mexico (Fall 1992, Spring 1993).**

Introduced principles of psychology and research design to undergraduate students in a course in which students designed, conducted and wrote up an experimental class project.

***Teaching Assistant/ Instructor,* Psychology 306L – Experimental Psychology and Statistics Lab. Western Washington University (Fall 1990, Spring 1991, Summer 1991).**

Introduced research design, statistics, and APA format to undergraduate students.

**Membership in Professional Associations**

College on Problems of Drug Dependence

American Psychological Association - Divisions 28 (Psychopharmachology) and 50 (Addictions)

**Professional Service and honors**

**Fellow -** American Psychological Association - Divisions 28

**Recipient**

Institute on Drug Abuse (NIDA) Early Career Travel Award (June, 2010). Award provided to attend the College on Problems of Drug Dependence annual conference in Scottsdale, AZ.

**Grant and Contract Reviewer**

8/2014 to Member - VHA HSR&D HSR-5 Health Care System Organization and Delivery –

Present Scientific Merit Review Board.

**7-2017 Member ZDA1 HXO-H (13). NIDA HIV/AIDS High Priority Drug Abuse Research.**

**7-2017 Member ZDA1 HXO-H (11). Expanding Medication Assisted Treatment for Opioid Use Disorders in the Context of the SAMHSA Opioid STR Grants.**

1/2010 & Member ZDA1 KXH-C (49) NIDA SBIR N43DA-10-5559 Topic 117. Using handheld

5/2011 devices to support recovery.

3/2010 Member ZRG1 RPHB G-02 M-RPIA Conflict Meeting.

**Ad-Hoc Journal Reviewer**

*Addiction*

*American Journal of Drug and Alcohol Abuse*

*Annals of General Psychiatry*

*Archives of Internal Medicine*

*Cochrane Database of Systematic Reviews*

*Drug and Alcohol Dependence*

*Drug and Alcohol Review*

*Experimental and Clinical Psychopharmacology*

*Health Psychology*

*Journal of Addiction Medicine*

*Journal of General Internal Medicine*

*Journal of Medical Internet Research*

*Journal of Psychoactive Drugs*

*Journal of Psychopharmacology*

*Journal of Rehabilitation Research and Development*

*Journal of Studies on Alcohol*

*Journal of Substance Abuse Treatment*

*Neuropsychopharmacology*

*Primary Psychiatry*

*JAMA – Internal Medicine*

**Conferences**

**Co-Chair**, March, 2015. Technologies for Behavioral Treatment of Substance Use Disorders. Symposium at the 3rd annual Collaborative Perspectives on Addiction, Baltimore, MD.

**Moderator,** August, 2014. Tele-Recovery: Enhancing Recovery Support Services Using Telephone-based Interventions. Panel at the 2014 Addiction Treatment Technology Summit: A Forum for Telehealth Innovators, Chicago, IL.

**Co-Chair**, June, 2012. Mobile health treatment interventions. Workshop at the 73rd annual scientific meeting of the College on Problems of Drug Dependence, Palm Springs, CA.

**Co-Chair**, August, 2011. Innovation and opportunities in mobile interventions for addictions. Symposium at the annual Convention of the American Psychological Association, Washington, DC.

**Chair,** February, 2010. Computer-Based treatments for addictions: Findings and new directions. Symposium at the 12th International Conference on Treatment of Addictive Behaviors, Santa Fe, NM.

**Speaker/Discussant,** August 2009. Panel discussion on “Obtaining Your First Clinical Research Grant” at the annual convention of the American Psychological Association, Toronto, ON, Canada.

**Consultant and speaker**, February, 2008. Ad hoc panel on “Medications Development for Cannabis Dependence” conference, sponsored by the Division of Treatment Research and Development of National Institute on Drug Abuse (NIDA).

**Consultant and speaker**, April, 2004. Ad hoc panel on “Medications Development for Cannabis Dependence” conference, sponsored by the Division of Treatment Research and Development of National Institute on Drug Abuse (NIDA).

**Co-Chair**, June, 2004. Deviating from the script: Misuse of prescription drugs. Oral Communications section of the 65th annual scientific meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico.

**Data Safety Monitoring Boards**

DSMB member, 1-15 to present. Buprenorphine vs. Opioid Dose Escalation among Patients with Chronic Pain. VA HSR&D PPO-13-184. Principal Investigator: William Becker, MD.

DSMB member, 3-15 to present. Development of a videogame prototype targeting cigarette and marijuana smoking prevention among young adolescents. NIH NICHD R01-HD062080. Principal Investigator: Lynn Fiellin, MD.

**Other**

Statistical Consultant, July 2003 to present. Hospital of St. Raphael’s. Silver Hill Hospital. Provide statistical consulting for a range of research projects.

Expert witness and consultant. March, 2003. Jarvis and Kaplan, Attorneys at Law. Consulted and gave testimony for the Defense to the United States District Court for the District of Vermont regarding marijuana dependence.

Vice-President, Fall 1994 – Spring 1995. Graduate Students in Psychology.

**Professional References (letters available upon request)**

Robert D. Kerns, Ph.D.

Professor of Psychiatry, Neurology and Psychology, Yale University

Past National Director for Pain Research, Veterans Health Administration

Pain Research, Informatics, Multimorbidities, and Education (PRIME) Center

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David Fiellin, M.D.

## Director, Community Research and Implementation Core, Center for Interdisciplinary Research on AIDS (CIRA)

## Professor of Medicine, General Medicine and Investigative Medicine; Yale University

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