Theresa B. Moyers Associate Professor, Department of Psychology University of New Mexico tmoyers@unm.edu

Licensure: New Mexico Board of Psychologist Examiners (1993) NM #558

- Ph.D. 1991 University of New Mexico, Albuquerque, N.M. Clinical Psychology
- M.S. 1988 University of New Mexico, Albuquerque, N.M. Clinical Psychology
- B.S. 1984 University of New Mexico, Albuquerque, N.M. Psychology (Magna cum laude)

Employment

Staff Psychologist	Veteran's Administration Medical Center January, 1991 – December, 1999
Research Associate	Center on Alcoholism, Substance Abuse and Addictions January, 2000 – present
Assistant Professor	Department of Psychology August, 2005 – 2013
Distinguished Lecturer:	University of South Florida College of Nursing, January, 2008
Richman Family Visiting Professor: University of Maryland School of Social Work 2012-2014	

Professional Recognition

Phi Beta Kappa National Honor Society	1984
MINT Board of Directors	2015 - 2018
Editorial Board: Psychotherapy	2017, 2018, 2019, 2020
Award for Most Valuable Paper on Psychological Treatment (2018) <i>Journal of Contemporary</i> <i>Psychotherapy</i>	2018
Editor, Guilford Press: Motivational Interviewing Series	2018 to present

Research Funding

Submitted:

1) Centers of Biomedical Research Excellence (COBRE) (Pilot Project PI: Moyers) Submitted May 25, 2020 through The MIND Research Network; University of New Mexico

National Institute of General Medical Sciences (NIH)

Investigating Biomarkers for Therapeutic Empathy, total costs \$50,000.

This project investigates the association between clinician empathy and neural networks involving the right anterior insula, right anterior cingulate cortex, ventromedial prefrontal cortex and the right temporo-parietal junction. Involves MEG scanning for frontline therapists involved in therapeutic tasks relevant to psychosocial treatments, particular those for substance misuse.

Status: Currently funded

3) 1K23AA027777-01 (PI: Hurlocker) Submitted February, 2020. (Under review)

National Institute of Alcohol Abuse and Alcoholism

Adapting Intake Procedures to Improve Treatment Delivery in Addiction Treatment. Total costs: \$969, 624. 00 Role: K23 Mentor

4) R34 AA028344 (PI: Hurlocker) Re-submitted February 2020. (Under review)

Developing a Brief Motivational Intervention for Anxiety-Focused Drinking in Young Adults. Total costs: \$681, 750.00. Role: Mentor

Status: First submission, scored (40); Resubmitted February, 2020

Current:

5) 1UF1MN121949 (MPIs: Debar, Bradley) 2019 - 2024

National Institute of Mental Health

Patient-Centered Team-Based Primary Care to Treat Opioid Use Disorder, Depression, and Other Conditions, \$12,769,318.00 Role: Consultant, MI Training and Quality

Dr. Moyers oversees training and quality monitoring for motivational interviewing used to engage patients with opioid use disorders via telephonic intervention.

Completed:

6) UNIVERSITY OF SOUTHERN DENMARK (PI: Moyers) 2013 - 2016

Project ELDERLY: An international multicenter study for treatment of alcohol problems in the elderly Subaward from University of Southern Denmark. Role: Co-Investigator

Dr. Moyers served as the Quality Control Coordinator for the Community Reinforcement Approach for Seniors (CRAS) intervention. Dr. Moyers oversaw objective behavioral coding of therapist adherence across three countries (Denmark, Germany, United States) with acceptable levels of interrater reliability.

7) R01 DA 021227-01 (PI: Moyers) 2007 - 2012

National Institute on Drug Abuse

Testing Theory-based Training in Motivational Interviewing

This project examined a specific hypothesized mechanism of change with motivational interviewing (client language about change) by means of a randomized, controlled trial to investigate whether: 1) clinicians could be differentially trained to attend to client language during MI sessions and 2) whether the use of such strategies produced different levels of client change talk across training conditions.

8) R01 AA 13696 (PI: Moyers) 2002 - 2007

National Institute on Alcohol Abuse and Alcoholism

How Does Motivational Interviewing Reduce Alcohol Abuse?

This project investigated a specific causal mechanism for motivational interviewing: client language about change. Session tapes from the MET condition in Project MATCH (n = 248) were evaluated using a sequential coding system for therapist behaviors and client in-session speech. These variables were compared to client drinking outcomes.

9) DAMD17-01-1-0681 (PI: Moyers) 2001 - 2007

Dept. of the Army

Motivational Interviewing in the Prevention of Alcohol Abuse

This was a randomized, controlled trial to investigate optimal strategies for teaching motivational interviewing to frontline behavioral health providers in the Air Force. Workshop training was augmented with personalized feedback, expert consultation or no additional enrichment.

10) R01 DA 13801 (PI: Miller) 1999 - 2003

National Institute on Drug Abuse

Evaluating Methods for Motivational Enhancement Training

This was a randomized, controlled trial comparing workshop training alone with three different types of enrichment for training healthcare providers in MI. Dr. Moyers was responsible for coding of work samples for client language. Role: Co-Investigator

11) U10-AA-11716 (PI: Miller) 2000 - 2003

National Institute of Alcoholism and Alcohol Abuse

Subcontract for Quality Control of Combined Behavioral Intervention: COMBINE Research Project. Dr. Moyers had oversight for training and monitoring CBI therapists as well as process coding of therapy sessions.

Scholarly Achievements

Books

Rollnick, S., Fader, J., Breckon, J., & Moyers, T. B. (2020). Coaching Athletes to Be Their Best: Motivational Interviewing in Sports. Guilford Press: New York, New York.

Miller, W. R. & **Moyers, T. B**. (2020). Effective Therapists: Interpersonal Skills that Improve Treatment Outcome. Guilford Press (Release Scheduled for Fall, 2020; in copyediting now).

Articles in Refereed Journals

- Forman, D.P. & **Moyers, T. B**. (in press). Should therapists choose a direction for their clients? Motivational interviewing trainers are ambivalent. *Alcoholism Treatment Quarterly*.
- Villarosa-Hurlocker, M. C., & **Moyers, T. B**. (in press). Can a pure motivational interviewing intervention be manualized and still efficacious? A test of feasibility and initial efficacy. *Psychotherapy*.
- Frey, A., Lee, J., Small, J., Sibley, M., Owens, J., Skidmore, B.D., Johnson, L., Bradshaw, C.P. & Moyers, T. B. (2020). Mechanisms of Motivational Interviewing: A Conceptual Framework to Guide Practice and Research. *Prevention Science*. https://doi.org/10.1007/s11121-020-01139-x
- Hodorowicz, M.T., Barth, R., **Moyers, T. B**. & Strieder, F. (2020). A randomized controlled trial of two methods to improve motivational interviewing training. *Research on Social Work Practice*, 30(4), 382-391. DOI: 10.1177/1049731519887438
- Forman, D.P. & **Moyers**, T.B. (2019). With odds of a single session, Motivational Interviewing is a good bet. *Psychotherapy*, *56(1)*, 62-66. http://dx.doi.org/10.1037/pst000019

- Schmidt, L.K., Moyers, T.B. & Søgaard Nielsen, A. (2019). Is fidelity to motivational interviewing associated with alcohol outcomes in treatment-seeking 60+ year-old citizens? Journal of Substance Abuse Treatment, 101, 1-11. https://doi.org/10.1016/j.jsat.2019.03.004
- Schmidt, L.K., Andersen, K., Søgaard Nielsen, A. & Moyers, T. B. (2019). Lessons learned from measuring fidelity with the Motivational Interviewing Treatment Integrity Code (MITI 4). *Journal of Substance Abuse Treatment*, 97, 59-67. https://doi.org/10.1016/j.jsat.2018.11.004
- Villarosa-Hurlocker, M.C., O'Sickey, A.J., Houck, J.M. & Moyers, T. B. (2019). Examining the relational component of motivational interviewing on client language. *Journal of Substance Abuse Treatment*, 9, 39-45. <u>https://doi.org/10.1016/j.jsat.2018.10.001</u> (IF 2.72)
- Magill, M., Apodaca, T.R., Borsari, B., Gaume, J., Hoadley, A., Gordon, R.E.F., Tonigan, J.S. & Moyers, T. B. (2018). A Meta-analysis of motivational interviewing process: Technical, relational and conditional process models of change. *Journal of Consulting and Clinical Psychology*, 86(2), 140-157. <u>http://dx.doi.org/10.1037/ccp0000250</u>
- Gobat, N., Copeland, L., Canings-John, R., Robling, M, Sander, J., Paranjothy, S. & Moyers, T. (2018). "Focusing" in motivational interviewing: Development of a training tool for practioners. *European Journal of Person Centered Healthcare*, 6. http://dx.doi.org/10.5750/ejpch.v6i1.1389
- Houck, J.M., Manuel, J.K. & **Moyers**, T. B. (2018). Short-and-long-term effects of withinsession client speech on drinking in the COMBINE study. *Journal of Studies on Alcohol and Drugs*, 79(2), 217-222. https://doi.org/10.15288/jsad.2018.79.217
- Owens, M. D., Rowell, L. N., & Moyers, T. (2017). Psychometric properties of the Motivational Interviewing Treatment Integrity coding system 4.2 with jail inmates. *Addictive Behaviors*, 73, 48-52. doi: 10.1016/j.addbeh.2017.04.015
- Moyers, T. B., Houck, J.M., Glynn, L.H., Hallgren, K.A. & Manual, J.K. (2017). A randomized controlled trial to influence client language in substance use disorder treatment. *Drug and Alcohol Dependence*, 172, 43-50. http://dx.doi.org/10.1037/ccp0000074 IF= 5.3
- Miller, W. R. & Moyers, T. B. (2017). Motivational interviewing and the clinical science of Carl Rogers. *Journal of Consulting and Clinical Psychology*, 85(8), 757-766. <u>http://dx.doi.org/10.1037/ccp0000179</u>
- Pecukonis, E., Greeno, E., Hodorowicz, M., Park, H., Ting, L., Moyers, T.B., Burry, C., Linsenmeyer, D., Streider, F., Wade, K. & Wirt, C. (2016). Teaching motivational interviewing to child welfare social work students using live supervision and standardized clients: A randomized controlled trial. *Journal of the Society for Social Work and Research*, 7 (30), 479 – 505. doi: 10.1086/688064

- Miller, W. R. & Moyers, T. B. (2016). Asking better questions about clinical skills training (Commentary). Addiction, 111, 1151-1159.
- Manuel, J.K. & Moyers, T. B. (2016). The role of ambivalence in behavior change. *Addiction* 111 (11), 1910-1912. <u>http://dx.doi.org/10.1037/ccp0000074</u>
- Moyers, T. B., Houck, J.M., Rice, S.L., Longabaugh, R. & Miller, W.R. (2016). Therapist empathy, combined behavioral intervention and alcohol outcomes in the COMBINE Research Project. *Journal of Consulting and Clinical Psychology*, 84(3). 221-229. http://dx.doi.org/10.1037/ccp0000074
- Moyers, T.B., Rowell, L.N., Manuel, J.K., Ernst, D., Houck, J.M. (2016). The Motivational Interviewing Treatment Integrity Code (MITI 4): Rationale, preliminary reliability and validity. *Journal of Substance Abuse Treatment*, 65, 36-42. https://doi.org/10.1016/j.jsat.2016.01.001
- Houck, J.M. & Moyers, T. B. (2015). Within-session communication patterns predict alcohol treatment outcomes. *Drug and Alcohol Dependence*, 157 (1), 205-209. <u>http://dx.doi.org/10.1016/j.drugalcdep.2015.10.025</u>
- Anderson, K., Bogenschutz, M. P., Buhringer, G., Behrendt, S., Bilberg, R., Braun, B., Ekstrom, C. T., Forcehimes, A., Lizarraga, D., Moyers, T. B., Nielsen, A.S. (2015). Outpatient treatment of alcohol use disorders among subjects 60+ years: Design of a randomized clinical trial conducted in three countries (Elderly Study). *BioMed Central, 15: 280*.
- Miller, W. R. & Moyers, T. B. (2015). On having and eating cake. *Addiction, 110 (3)*, 418-419. DOI: 10.1111/add.12819
- Miller, W. R. & Moyers, T. B. (2015). The forest and the trees: Relational and specific factors in addiction treatment. *Addiction*, *110*, 401-413. DOI: 10.1111/add.12693
- Fischer, D.J. & Moyers, T. B. (2014). Is there an association between empathic speech and change talk in motivational interviewing sessions? *Alcoholism Treatment Quarterly*, 32, 3-18. DOI: 10.1080/07347324.2014.856225
- Moyers, T. B. (2014). The relationship in motivational interviewing. *Psychotherapy*, 51(3), 358-363. doi.org/10.1037/a0036910
- Barnett, E., Moyers, T. B., Sussman, S., Smith, C., Rohrbach, L.A., Sun, P. & Spruijt-Metz, D. (2014). From counselor skill to decreased marijuana use: Does change talk matter? Journal of Substance Abuse Treatment, 46, 498-505. doi.org/10.1016/j.jsat.2013.11.004
- Barnett, E., Spruijt-Metz, D., Moyers, T. B., Smith, C., Rohrbach, L.A., Sun, P. & Sussman, S. (2014). Bidirectional relationships between client and counselor speech: The importance of reframing. Psychology of Addictive Behaviors, 28(4), 1212-1219. Doi: 10.1037/a0036227. IF= 2.8

- Balán, I., **Moyers**, T.B. & Lewis-Fernandez, R. (2013). Motivational pharmacotherapy: Combining motivational interviewing and antidepressant therapy to improve treatment adherence. *Psychiatry: Interpersonal and Biological Processes*, 76(3), 203-209.
- Lewis-Fernández, R., Balán, I.C., Patel, S.R., Sánchez-Lacay, A.J., Alfonso, C., Gorritz, M., Blanco, C., Schmidt, A., Jiang, H., Schneier, F., & Moyers, T.B. (2013). Impact of motivational pharmacotherapy on treatment retention among depressed Latinos. *Psychiatry: Interpersonal and Biological Processes*, 76(3), 210-222.
- Moyers, T. B. & Miller, W. R. (2012). Is low therapist empathy toxic? *Psychology of Addictive Behaviors*, 27(3), pp. 878-884. Doi: 10.1037/a0030274
- Houck, J.M., Moyers, T.B., & Tesche, C.D. (2012). Through a glass darkly: Some insights on change talk via magnetoencephalography. *Psychology of Addictive Behaviors*. Vol 27(2), pp 489-500. doi:10.1037/a0029896
- Manuel, J. K., Houck, J. M., & Moyers, T. B. (2012). The Impact of Significant Others in Motivational Enhancement Therapy: Findings from Project MATCH. *Behavioural and Cognitive Psychotherapy*, 40, 297–312.
- Glynn, L.H., Hallgren, K.A., Houck, J.M. & Moyers, T. B. (2012). CACTI: Free, open-source software for the sequential coding behavioral interactions. *PLoS ONE* 7(7): e39740. doi:10.1371/journal.pone.0039740
- **Moyers,** T. B. (2011). Disseminating motivational interviewing in psychiatric and adolescent populations: Optimism and a few worries. *The Canadian Journal of Psychiatry*, 56(11), pp 641- 642.
- Hallgren, K.A. & Moyers, T. B. (2011). Does readiness to change predict in-session motivational language? Correspondence between two conceptualizations of client motivation. *Addiction*, 106 (7), 1261-1269.
- Martin, T., Christopher, P.J., Houck, J.M. & Moyers, T. B. (2011). The structure of client language and drinking outcomes in Project MATCH. *Psychology of Addictive Behaviors*, 25(3). 439-445.
- **Moyers**, T. B. & Houck, J.M. (2011). Combining motivational interviewing with cognitivebehavioral treatments for substance abuse: Lessons from the Combine Research Project. *Cognitive and Behavioral Practice*, *18*, 38-45.
- Glynn, L. H., & Moyers, T. B. (2010). Chasing change talk: The clinician's role in evoking client language about change. *Journal of Substance Abuse Treatment, 39*, 65-70.
- Moyers, T. B., Martin, T., Houck, J.M., Christopher, P.J. & Tonigan, J.S. (2009). From insession behaviors to drinking outcomes: A causal chain for motivational interviewing. *Journal of Consulting and Clinical Psychology*, 77(6), 1113-1124.

- Moyers, T. B., Manuel, J.K., Wilson, P., Hendrickson, S.M.L., Talcott, W. & Durand, P. (2008). A randomized trial investigating training in motivational interviewing for behavioral health providers. *Behavioural and Cognitive Psychotherapy*, 36, 149-162. doi:10.1017/S1352465807004055
- Moyers, T. B., Martin, T., Tonigan, J.S., Christopher, P.J., Houck, J.M. and Amrhein, P. (2007). Client language as a mediator of motivational interviewing efficacy: Where is the evidence? *Alcoholism: Clinical and Experimental Research*, 31 (S3), 40s-47s. DOI: 10.1111/j.1530-0277.2007.00492.x
- Miller, W. R. & Moyers, T. B. (2006). Eight Stages in Learning Motivational Interviewing. Journal of Teaching in the Addictions, 5(1), 3-18.
- Moyers, T. B. & Martin, T. (2006). Therapist influence on client language during motivational interviewing sessions: Support for a potential causal mechanism. *Journal of Substance Abuse Treatment*, 30, 245-251.
- Schermer, C.R., **Moyers**, T. B., Miller, W. R. & Bloomfield, L. (2006). Trauma center brief interventions for alcohol disorders decrease DUI arrests. *Journal of Trauma*, 60, 29-34.
- **Moyers**, T. B., Miller, W.R. & Hendrickson, S.M.L. (2005) What makes motivational interviewing work? Therapist interpersonal skill as a predictor of client involvement within motivational interviewing sessions. *Journal of Consulting and Clinical Psychology*, *73(4)*, *590-598*.
- Miller, W. R., Moyers, T. B., Arciniega, L. & Ernst, D. & Forcemhimes, A. (2005). Training, supervision and quality monitoring of COMBINE's behavioral interventions. *Journal of Studies on Alcohol*, 66, Supplement 15, 188-195.
- Moyers, T. B., Martin, T., Manuel, J.K., Hendrickson, S.M.L. & Miller, W. R. (2005). Assessing competence in motivational interviewing. *Journal of Substance Abuse Treatment, 28*, 19-26.
- **Moyers**, T. B. (2004). History and happenstance: How motivational interviewing got its start. *Journal of Cognitive Psychotherapy*, 18(4), 291-298.
- Miller, W. R., Yahne, C.E., **Moyers**, T. B., Martinez, J. & Pirratano, M. (2004). A randomized trial of methods to help clinicians learn motivational interviewing. *Journal of Consulting and Clinical Psychology*, *72*, 1050-1062.
- Miller, W. R., Moyers, T. B., Arciniega, L.T., DiClemente, C., LoCastro, J., Longabaugh, R., & Zweban, A. (2003). A combined behavioral intervention for treating alcohol dependence. *Alcoholism: Clinical and Experimental Research*, 27(5, Supplement), 113A.

Moyers, T.B., Martin, T., Catley, D., Harris, K.J., Ahluwalia, J.S. (2003). Assessing the

integrity of motivational interviewing interventions: Reliability of the Motivational Interviewing Skills Code. *Behavioural and Cognitive Psychotherapy*, 31, 177-184.

- Graeber, D.A., **Moyers**, T.B., Griffith, G., Guajardo, E. & Tonigan, S. (2003). A pilot study comparing motivational interviewing and an educational intervention in patients with schizophrenia and alcohol use disorders. *Community Mental Health*, *39* (*3*), 189-202.
- Moyers, T. B. & Rollnick, S. (2002). A motivational interviewing perspective on resistance. Journal of Clinical Psychology: In Session. Volume 58(2), 185-193.
- **Moyers**, T. B. & Yahne, C. E. (1998) *Motivational interviewing in substance abuse treatment: Negotiating roadblocks*. Journal of Substance Misuse, 3, 30-33.
- Noonan, W. C. & **Moyers**, T. B. (1997) *Motivational interviewing: A review*. Journal of Substance Misuse, 2, 8-16.
- Moyers, T. B. & Miller, W. R. (1993) *Therapist's conceptualizations of alcoholism: Implications for treatment*. Psychology of Addictive Behaviors, 7, 238-245.

Articles Appearing in Chapters in Edited Volumes

- Moyers, T. B. & Glynn, L.H. (2013). Enhancing motivation for treatment and change. In B.S. McCrady & E.E. Epstein (Eds.), *Addictions: A Comprehensive Guidebook, 2nd Edition* (pp. 377-390). New York: Oxford University Press.
- Fischer, D. & Moyers, T. B. (2012). Motivational interviewing as a brief psychotherapy. In Greenberg, S., Dewan, M., & Steenbarger, B. (Eds.), *The Art and Science of Brief Psychotherapies: A Practioners Guide* (pp. 27-42). New York: Wiley and Sons.
- Tooley, E. & Moyers, T. B. (2012). Motivational interviewing in practice. In S.T. Walters & F. Rotgers (Eds.), *Treating Substance Abuse* (pp. 28 47). New York: Guilford Press.
- Glynn, L.H. & Moyers, T. B. (2009). Motivational Interviewing. In P. Miller (Ed.) *Evidence-Based Addiction Treatment (*pp.175-188). San Diego, CA: Academic Press, Inc.
- Martino, S., & Moyers, T. B. (2008). Motivational Interviewing with Dually Diagnosed Patients. In H. Arkowitz, H. A. Westra, W. R. Miller, & S. Rollnick (Eds.) *Motivational Interviewing in the Treatment of Psychological Problems* (pp. 277-303). New York: Guilford Press.
- Miller, W. R. & **Moyers**, T. B. (2005) Motivational interviewing. In J. Norcross (Ed). *The Psychologist's Desk Reference*, 2nd *Edition* (pp. 267-271). New York: Oxford University Press.

- Moyers, T. B. (2003). Motivational interviewing as a treatment for drug dependence: What does the data tell us? In J.L. Sorenson, R. A. Rawson, J. Guydish & J.E. Zweban (Eds.). *Drug abuse treatment through collaboration: Practice and research partnerships that work* (pp.139-150). Washington, D.C.: American Psychological Association.
- Miller, J.H. & Moyers, T. B. (2002). Motivational interviewing in substance abuse: Applications for Occupational Medicine. In J.E. Zweban & S.D. Lambert (Eds.) *Occupational Medicine: State of the Art Reviews. Volume 17 (1)*, pp. 51-65.
- Waldorf, V.A. & Moyers, T. B. (2001). Psychotherapy and religion. In Smelser, N. & Baltes, P. (Eds). *International Encyclopedia of the Social and Behavioral Sciences*, 18, (pp. 12466-70). Oxford, U.K.: Elsevier.
- Hester, R.K. & Moyers, T. B. (2001). Matching clients with recovery tools: Finding the right keys to unlock the door. In R. Coombs (Ed) Addiction Recovery Tools: A Practical Handbook (pp. 383-393). Thousand Oaks, CA: Sage Publications.
- Moyers, T. B. (2001) Motivational interviewing. In S. Cullari (Ed) Counseling and Psychotherapy: A Practical Guidebook for Students, Trainees and New Professionals (pp. 169 – 181). New York: Allyn and Bacon.
- Moyers, T. B. & Hester, R. K. (1999) Outcome Research: Alcoholism. In M. Galanter and H.D. Kleber (Eds) *Textbook of Substance Abuse Treatment* 2nd Ed (pp. 129 134). Washington, D. C.: American Psychiatric Press.
- Moyers, T. B. & Hester, R. K. (1999). Credentialing, Documentation and Evaluation in the Treatment of Addictions. In B. McCrady and B. Epstein (Eds) *Addictions: A Comprehensive Guidebook* (pp. 414 – 420). New York: Oxford Press.
- Moyers, T. B (1998). Motivational interviewing. In G. Hoocher, J. Norcross and S. Hill (Eds) *Psychologist's Desk Reference* (pp. 315 318). New York: Oxford Press.

Other Scholarly Works

- Miller, W.R., Moyers, T. B. & Rollnick, S. (2020). Foundational course in MI. Psychwire, LLC. https://psychwire.com/motivational-interviewing
- Martin, T., Moyers, T. B., **Houck, J.M.**, Christopher, P. J., & Miller, W. R. (2005). Motivational Interviewing Sequential Code for Observing Process Exchanges (MI-SCOPE) Coder's Manual. Available from <u>http://casaa.unm.edu/download/scope.pdf</u>.
- Moyers, T. B., Manuel, J.K., Ernst, D. (2014). The Motivational Interviewing Treatment Integrity Coding Manual 4.0. http://casaa.unm.edu/download/MITI4_2.pdf
- Miller, W. R., Moyers, T. B. & Rollnick, S. (2012). Motivational Interviewing: Helping People Change. (DVD). The Change Companies: Carson City, NV

- Houck, J.M., Moyers, T. B., Miller, W. R., Glynn, L. H., & Hallgren, K. A. (2010). Motivational Interviewing Skill Code Coding Manual (version 2.5). Unpublished manuscript, University of New Mexico. Available from <u>http://casaa.unm.edu/download/misc25.pdf</u>
- Miller, W. R., Rollnick, S. & Moyers, T. B. (1998) Motivational Interviewing: Professional Training Videotape Series (6-part series). University of New Mexico: CASAA.
- Miller, W. R., **Moyers**, T. B., Ernst, D., & Amrhein, P. (2003). *Manual for the Motivational Interviewing Skills Code (MISC) v. 2.1*. Retrieved, 2013, from the World Wide Web: <u>http://casaa.unm.edu/download/misc.pdf</u>

Invited Presentations at Professional Meetings

- **Moyers, T. B.** Therapist Interpersonal Skills in Motivational Interviewing. Keynote Address: Irish Motivational Interviewing Conference. Originally scheduled for Cardiff, UK. Moved online due to Covid 19 pandemic. May 20, 2020.
- **Moyers, T. B.** Top Ten Things To Know About Motivational Interviewing. Keynote Address: Japanese Association for Motivational Interviewing. Tokyo, Japan, March 16, 2017.
- **Moyers, T. B.** Using Motivational Interviewing for Substance User Disorders. Workshop for Leeds and York Partnership NHS Foundation Trust. Leeds, UK, May 11-12, 2017.
- **Moyers, T. B.** Combining Motivational Interviewing with the Community Reinforcement Approach. Plenary Address: Annual Meeting of Danish Alcohol Therapists, Odense, Denmark, May 15, 2017. Sponsored by the University of Southern Denmark.
- **Moyers, T. B.** Stretching Motivational Interviewing to its limits. Invited workshop for The International Motivational Interviewing Conference, Dublin, Ireland, October 2, 2017.
- Moyers, T. B. Testing Theory Based Training in Motivational Interviewing. In S. Martino (Chair), Training Motivational Interviewing: New Directions in Research. Symposium presented at the 27th Association of Psychological Science Annual Convention, New York, NY. May, 2015
- **Moyers,** T. B. How motivational interviewing saved psychotherapy. Plenary address: International Society for Motivational Interviewing (ISMI). Melbourne, Australia, August 7, 2015.
- **Moyers, T. B.** *Simple but not easy: What we know about how motivational interviewing works.* Plenary Address. Nordisk Internationell Konferens om Motiverande Samtal. Norrköping, Sweden. (April 22, 2013).
- Moyers, T. B. Addiction Treatment: Mostly Grown Up and Lots of Places to Go. Plenary

Address. Cape Cod Symposium, Hyannis Port, MA. (September 8, 2012)

- Moyers, T. B. *Why MI works*. Plenary Address. Third International Conference on Motivational Interviewing. Venice: Italy. (June 18th, 2013)
- Moyers, T.B. In-session client speech about change as a mechanism of action in motivational interviewing. In K. A. Witkiewitz (Chair), Change Talk as a Mechanism of Change. Symposium conducted at the 8th Annual Mechanisms of Behavior Change: What We Know, How We Know It and What's Next, a satellite meeting of the 35th Annual RSA Scientific Meeting, San Francisco, CA. (June. 2012)
- **Moyers**, T. B. *MI is not like a Pill: Challenges in implementing an empirically-based treatment in large systems*. Plenary Address. Second International Symposium on Motivational Interviewing, Auckland, New Zealand. (March 7, 2012).
- **Moyers, T. B.** How does motivational interviewing work? Evidence to support the active mechanisms of this empirically-based treatment. Columbia University Department of Psychiatry Grand Rounds. (October 28, 2011).
- **Moyers, T. B.** *Be careful what you hear: Influencing client language.* Plenary address: International Conference in Motivational Interviewing. Stockholm, Sweden. (June 8, 2010).
- Glynn, L. H., Moyers, T. B., & Verney, S. P. Relating change talk to racioethnic background and acculturation. In C. E. Yahne (Chair), Change talk: From brain to behavior. Symposium conducted at the Second International Conference on Motivational Interviewing, Stockholm, Sweden. (June 9, 2010).
- **Moyers**, T. B. *Be careful what you hear: Increasing motivation to change by influencing client speech.* Invited colloquium: Center for Alcohol and Addiction Studies. Brown University: Providence, Rhode Island. (April 23, 2010).
- Moyers, T. B. Can clinicians be trained to evoke and reinforce change talk in MI? And if so, why should they bother? Presented at Research Society on Alcoholism, in symposium New Research in Mechanisms of Action in Alcohol Research, J. McKay, Chair. San Diego, CA. (June 22, 2009)
- Moyers, T. B. Introduction to motivational interviewing and impact on treatment engagement. Presented at Anxiety Disorders Association of America Annual Conference, Symposium 99R: Using Motivational Interviewing to Enhance Treatment Adherence. Chair: H. Blair Simpson. Hyatt Regency Tamaya, New Mexico. (March 12, 2009).
- Moyers, T. B. *What makes MI work? Exploring client language as an active mechanism in motivational interviewing.* Plenary Address. First International Conference on Motivational Interviewing. Interlaken, Switzerland. (June 10, 2008).

- Moyers, T. B. Active ingredients in substance abuse treatments: What makes them work? Plenary Address. Presented at the International Addiction Summit, Melbourne, Australia. (July 12, 2008).
- **Moyers,** T. B. *Motivational Interviewing in Healthcare Settings*. University of South Florida, College of Nursing. Invited Address: Distinguished Lecturer, University of South Florida College of Nursing. Tampa, FL. (January 11, 2008).
- **Moyers**, T. B. *How does Motivational Interviewing Work? Examining client and therapist exchanges in MI*. Plenary Address. Presented at the International Conference for Addictive Behaviors, Santa Fe, N.M. (February 1, 2006).
- Moyers, T. B. Active ingredients of motivational interviewing using the MISC. Invited Address. Research Society on Alcoholism (RSA); Satellite Conference: The Search for Mechanisms of Change in Evidence-based Behavioral Treatment, Santa Barbara, CA. (June 25, 2005)
- Moyers, T. B. *Testing predictions for how motivational interviewing works: Implications for training.* Invited Address. Presented at the International Meeting of the Society for Psychotherapy Research. Edinburgh, Scotland. (June 24, 2006).

Refereed Abstracts

- Houck, J.M., **Moyers, T. B**. & Manuel, J.K. (2020) Stress, negative affect and change talk in two large treatment trials for alcohol use disorder. Research Society on Alcoholism, Online, June 2020.
- Villarosa-Hurlocker, M.C. & Moyers, T. B. (2020). The devil is in the detail: The impact of methodological rigor on client change talk language as a mechanism of action in motivational interviewing. Research Society on Alcoholism, Online, June 2020.
- Forman, D.P. & Moyers, T. B. (2020). What clients can tell us about whether to use Motivational Interviewing: An Analysis of Early-Session Ambivalent Language. Accepted for Research Society on Alcohol, Online, June 2020.
- Truitt, D.D., Houck, J.M., Manuel, J.K., & Moyers, T.B. (2019). The Running Head Start Approach to Decisional Balance: Did it Influence Drinking Outcomes in the COMBINE Study?. Alcoholism: Clinical and Experimental Research, 43(S1), 79A.
- O'Sickey, A.J., Houck, J., and **Moyers, T.** (2018). Understanding matters: Empathy, Hostility, and Drinking Outcomes in the COMBINE study. Poster presented at the annual meeting of the Collaborative Perspectives on Addiction. Tampa, FL.

- O'Sickey, A., **Moyers, T.** (2016). The more you know: Clinician experience predicting outcome in clients with Alcohol Use Disorder. Presented at the annual meeting of the Research Society on Alcoholism, New Orleans, LA.
- O'Sickey, A.J., Gallant, D., Rowell, N., **Moyers, T.** (2016). Accurate understanding is key: The mediating role of empathy between readiness to change and AUD outcome. Presented at the annual meeting of the Collaborative Perspectives on Addiction, Albuquerque, NM.
- Rice, S.L.; McLouth, C.J.; Moyers, T.B.; & Hagler, K.J. (2013). Initial development of a measure of attitudinal ambivalence about quitting smoking. Poster presented at the 25th Annual Meeting of the Association for Psychological Science, Washington, DC, 2013.
- Houck, J.M., Tesche, C.D., & Moyers, T.B. (2012). A new approach to coding speech in motivational interviewing. [Abstract]. Alcoholism: Clinical and Experimental Research, 36(S1), 233.
- Houck, J.M, Tesche, C.D., & Moyers, T.B. (2012, August). What you say is what you are: Theta power differences during perception of speech from substance abuse treatment sessions. Poster session presented at the 18th International Conference on Biomagnetism, Paris, France.
- Houck, J.M., Moyers, T.B., Glynn, L.H., & Manuel, J.K. (2012). Windows of opportunity: Sequential analysis of client-clinician interaction using time windows. [Abstract]. Alcoholism: Clinical and Experimental Research, 36(S1), 234
- Moyers, T.B., Houck, J.M., Glynn, L.H., & Manuel, J.K. (2011). Can specialized training teach clinicians to recognize, reinforce, and elicit client language in motivational interviewing? *Alcoholism: Clinical and Experimental Research*, *35*(S1), 296. (Abstract)
- McLouth, C.J., Hallgren, K.A., **Moyers**, T.B. & Wasserott, B.C. (2011). Should a likert-type scale be longer than seven points? Implications for inter-rater reliability. *Alcoholism: Clinical and Experimental Research*, *35*(s1), 760. (Abstract).
- Glynn, L. H., Hallgren, K. A., Houck, J. M., McLouth, C. J., Fischer, D. J., & Moyers, T. B. (2011). Introducing the "CACTI" sequential-coding software: A free, open-source program for rating client and provider speech [Abstract]. *Alcoholism: Clinical and Experimental Research*, 35(S1), 763. (Abstract)
- Fischer, D. J., McLouth, C. J., Swantko, A., & Moyers, T. B. Real Clients and Standardized Clients: Is There a Difference? Correlations between Clinician and Client Language in Treating Alcohol & Substance Abuse. (2011). *Alcoholism: Clinical and Experimental Research*, 35; 6; p85A (Abstract)
- Houck, J.M., & Moyers, T.B. (2010). Exploring empathy in a sample of substance abuse therapists (2010). [Abstract]. Alcoholism: Clinical and Experimental Research, 34(S2), 232.

- Houck, J. M., Moyers, T. B., & Tesche, C.D. (2010). Neural responses to self-perceptual speech during psychotherapy sessions. Program No. 272.1. 2010 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience. Online.
- Houck, J. M., Moyers, T. B., & Tesche, C.D. (2010). Oscillatory brain activity related to client speech during motivational interviewing sessions [Abstract]. *Alcoholism: Clinical and Experimental Research*, 34(S2), 643.
- Houck, J.M., Moyers, T.B., & Tesche, C.D. (2010). The neural substrate of self-perception in psychotherapy: A first look.[Abstract]. Frontiers in Neuroscinces Conference Abstract: Biomag 2010 - 17th International Conference on Biomagnetism. DOI: 10.3389/conf.fnins.2010.06.00282
- Rice, S.L.; **Moyers**, **T.B**.; & Delaney, H.D. (2010). Motivational Interviewing (MI) network of trainers perspectives' about ambivalence to change drinking. *Alcoholism: Clinical and Experimental Research*, 34(6, Supplement), 891 (Abstract).
- Glynn, L. H., Stewart, C.M., Deakyne, A.H., Houck, J.M. & **Moyers, T. B.** (2009). Ask and you will receive: Eliciting client change talk. *Alcoholism: Clinical and Experimental Research*, *33 (s1)*, P405, pg 112A. (Abstract).
- Houck, J.M., Manuel, J.K., Pyeatt, C. J., Moyers, T. B. & Montoya, V.L. (2009). A new scale to assess barriers to adopting motivational interviewing. *Alcoholism: Clinical and Experimental Research*, 33(s1), P506, pg. 137A. (Abstract).
- Peña-Esparza, Y., Stannus, R., Houck, J., Manuel, J.K., & Moyers, T. B. (2009). The impact of MI coaching on MI skills. *Alcoholism: Clinical and Experimental Research*, 33(s1), P508, pg. 137A. (Abstract).
- Hallgren, K.A., Houck, J.M., De la Torre, J. & Moyers, T. B. (2009). Predicting readiness to change through analysis of client change language. *Alcoholism: Clinical and Experimental Research*, 33(s1), P750, pg. 198A. (Abstract).
- Houck, J.M., **Moyers, T. B.,** Martin, T. & Christopher, P.J. (2009). Patterns of client speech across deciiles predict treatment outcome. *Alcoholism: Clinical and Experimental Research*, *33(s1)*, P751, pg. 198A. (Abstract).
- Moyers, T. B., Manuel, J.K., Hendrickson, S.M., Houck, J.M.& Miller. W. R. (2009). Therapeutic processes in the Combined Behavioral Intervention. *Alcoholism: Clinical and Experimental Research*, *33(s1)*, P752, pg. 198A. (Abstract).
- Glynn, L.H., Manuel, J.K., Houck, J.M. & Moyers, T. B. (2009). Does therapist empathy matter? *Alcoholism: Clinical and Experimental Research*, *33(s1)*, P754, pg. 199A. (Abstract).

- Manuel, J.K., Houck, J., & Moyers, T.B. (2008). The impact of significant others in motivational enhancement therapy. *Alcoholism: Clinical and Experimental Research*, 32(s1), 960. (Abstract).
- Houck, J.M. & Moyers, T. B. (2008) What you do matters: Therapist influence on client behavior during MI sessions. Poster presented at the International Addiction Summit, Melbourne, Australia, July 11, 2008.
- Manuel, J.K., Houck, J., & Moyers, T.B. (2007). The impact of significant others in motivational enhancement therapy. *Alcoholism: Clinical and Experimental Research*, 32(6), 250. (Abstract).
- Manuel, J.K., Leahigh, L., Hendrickson, S.L., & Moyers, T.B. (2007). Therapist characteristics as predictors of understanding alcoholism. *Alcoholism: Clinical and Experimental Research*, 29(5), 905. (Abstract).
- Moyers, T. B. (2007) Impact of process variables in drinking outcomes in Project COMBINE. *Alcoholism: Clinical and Experimental Research, 31*(s2), 147. (Symposium).
- Manuel, J.K., Hendrickson, S.L., & Moyers, T.B. (2007). Predicting within session client language using the MISC 2.0. Alcoholism: Clinical and Experimental Research, 31(6), 121. (Abstract).
- Moyers, T. B., Manuel, J. K., Wilson, P. G., Hendrickson, S. M. L., Talcott, W., Durand, P., & Cedro, K. M. (2006) Training behavioral health providers in motivational interviewing: Initial results from the TEAM Project. Poster presented at the Eleventh International Conference on Treatment of Addictive Behaviors (Ictab), January, 2006.
- Moyers, T. B., Manuel, J. K., Wilson, P. G., Hendrickson, S. M. L., Talcott, W., Durand, P. (2006) Therapist skills after motivational interviewing training: The impact of feedback and consult calls. *Alcoholism: Clinical and Experimental Research*, 30(s1), 381. (Abstract).
- Moyers, T. B., Manuel, J.K., Wilson, P., Hendrickson, S.M.L., Talcott, W., Durand, P. & Cedro, K. (2006) Training behavioral health providers in MI: Initial Results from the TEAM Study. Presented at the International Conference on the Treatment of Addictive Behaviors, January 29, 2006. Santa Fe, N.M.
- Manuel, J.K., Moyers, T. B., Hendrickson, S.M.L. & Miller, W. R. (2006) Comparison of clinician endorsement of the UAS between a civilian and armed forces sample. Presented at the International Conference on the Treatment of Addictive Behaviors, February 1, 2006. Santa Fe, N.M.
- Miller, W. R., **Moyers**, T. B., Arciniega, L. T., & Steele, J. M. (2005). Pre-screening therapists for empathy: A potential hiring procedure for substance abuse treatment programs and

trials. *Alcoholism: Clinical and Experimental Research*, 29(5, Supplement), 651. (Abstract).

- Schermer, C., Moyers, T. B., Miller, W. R. & Bloomfield, L.A. (2005) Trauma Center Brief Interventions for Alcohol Disorders Decrease Intoxicated Driving. American Association for the Surgery of Trauma, Atlanta, September 22-25, 2005
- Manuel, J.K., Leahigh, L., Hendrickson, S.L., & Moyers, T.B. (2005). Therapist characteristics as predictors of understanding alcoholism. *Alcoholism: Clinical and Experimental Research*, 29(5), 905. (Abstract).
- Lewis-Fernández, R., Alfonso, C., Balán, I, Sánchez-Lacay, A., Schmidt, A., Blanco, C., Moyers, T., Liebowitz, M. Supplementary Motivational Interviewing Improves Hispanic Retention in Antidepressant Therapy. Presented at the New Clinical Drug Evaluation Unit (NCDEU) Conference, Boca Raton, FL. June 7, 2005.
- Hendrickson, S. M. L., Martin, T., Manuel, J. K., Christopher, T., Thiedeman, T., & Moyers, T. B. (2004). Assessing reliability of the Motivational Interviewing Treatment Integrity behavioral coding system under limited range. *Alcoholism: Clinical and Experimental Research*, 28(5), (Supplement), 405.
- **Moyers**, T. B. (2003). What should we be teaching? Using process analyses to guide training. Plenary address: International Conference for the Treatment of Addictive Behaviors. Heidelberg, Germany, September 8, 2003.
- **Moyers**, T. B. (2003). Teaching motivational interviewing: measuring therapist competency with the Motivational Interviewing Treatment Integrity Scale (MITI). Symposium presented at the Annual Convention of the College for Problems in Drug Dependence. Fort Lauderdale, Florida, June 15, 2003.
- Moyers, T. B. & Martin, T. M. (June, 2003). Associations between client and therapist behaviors: Partial validation of the motivational interviewing approach. Paper presented at the Annual Convention of the College for Problems in Drug Dependence. Fort Lauderdale, Florida, June 19, 2003.
- Martin, T. & **Moyers**, T.B. (June, 2003). Expressions of resistance to change at intake predict abstinence one year later. Poster session presented at the annual meeting of the College of Problems on Drug Dependence, Ft. Lauderdale, FL.
- **Moyers**, T. B. & Love, J. (1994) *Therapist's initial judgments about alcoholics: Do they influence treatment process and outcome?* Presented at the Annual Convention of the Association for the Advancement of Behavior Therapy, San Diego, CA.

Classes Taught and Student Mentoring: University of New Mexico

Alcoholism	Psychology 430
Ethical and Clinical Issues	Psychology 634
Abnormal Psychology	Psychology 332
Psychopathology	Psychology 532
Motivational Interviewing	Psychology 630
Senior Honors	Psychology 492

Postdoctoral Advisement

Jennifer Hettema, Ph.D.	NIAAA K23 AA020865
Timothy Apodaca, Ph.D.	NIAAA K23 15595
Molly Magill, Ph.D.	NIAAA K23 AA18126
David Atkins, Ph.D.	NIAAA K02 AA023814
Margo Hurlocker, Ph.D.	NIAAA Institutional Research Training Grant (T32 AA-018108).

Doctoral Advisement

<u>Chair</u>

Daniel Fischer, M.S.	(October, 2016) "Fidelity measures of motivational interviewing across different therapeutic contexts: Are fidelity ratings related to client outcomes?
Lisa Glynn, Ph.D.	(April, 2013) "Relating client change language and safer sex outcomes in a group-delivered motivational enhancement therapy (GMET) intervention for detained adolescents"
Lauren Rowell	(October, 2018) "Clearing the muddy waters: MI quality in an Emergency Room Study"
Committee Member	
Lindqvist, Helena	(September, 2016) Relational skills and client language predict outcome in smoking cessation treatment". Karolinksa Institute, Stockholm, Sweden
Lindqvist, Helena Michael Early	

Samara L. Rice (September, 2013) "Developing measures of ambivalence about reducing alcohol or tobacco use: Psychometric properties, construct validity and mediation analysis"

Benjamin Ladd (April, 2013) "Typology of couples entering alcohol behavioral couple

	therapy: An empirical approach and test of predictive validity on treatment response"
Elizabeth Barnett	(February, 2013) "Motivational interviewing with adolescent substance users: A closer look" (University of Southern California)
William Campbell	(January, 2012) "Exploring factors: The effectiveness of computer- delivered interventions for alcohol use disorders"
Mar Campos-Melody	(January, 2012) "Therapist adherence and competence as predictors of client outcomes in adolescent substance use treatment"
Jon Houck	(June, 2011) "The neuroscience of motivational interviewing and change talk"
Erin Tooley	(July, 2011) "Organizational factors and therapist attitudes in the predications of MI adoption and implementation"
Kathryn Lenberg	(September, 2011) "The effects of acute alcohol intoxication on women's perspective of and responses to high risk dating and social situations"
Kathryn Diskin	(June, 2007) "Effects of a single session motivational intervention on problem gambling behavior" (University of Calgary, Toronto)
Denise Ernst	(August, 2007) "Motivational interviewing and health coaching: A quantitative and qualitative exploration of integration"
Jennifer Hettema	(April, 2006) "A meta-analysis of motivational interviewing across behavioral domains"
Lisa A. Gannon	(December, 2000) "Client responses to therapist behavior and attributes during counseling for alcohol problems

Master's Advisement

<u>Chair</u>

David Forman	(September 2019) "How Do Trainers in Empirically Supported Treatments Decide What toTrain?: An Investigation of the Trainer's Role in the Science-to-Service Pathway"
AJ O'Sickey	(September, 2017) "The Relationship Matters: Empathy, Hostility, and Drinking Outcomes in the Combine Study"

Chris McLouth	(April, 2012) "Priming change talk: The experimental manipulation of client speech"
Daniel Fischer	(July, 2012) "Clinician empathic speech and client change language: Is there an association between empathic speech and change talk in motivational Interviewing sessions?"
Lisa H. Glynn	(December, 2009) "Talking about drinking: Two therapist approaches to client change talk in a college sample"

Committee Member

Adam Wilson	(May, 2016) "Behavioral Economic Measurement of Mistrust: Associations with Treatment Seeking, Engagement, and Outcome in a Sexual Offender Population with Substance Use Disorders"
Danielle Rudder	(October, 2013) "Transcranial direct current stimulation for the reduction of alcohol craving"
Mandy Owen	(January, 2013) "The Role of Social Support in Alcohol or Drug Relapse of Probationers Recently Released from Jail"
Samara L. Rice	(May, 2010) "Development of a quantitative, self-report measure of ambivalence about reducing problem drinking for alcohol use disorder treatment and research"
Mar Campos-Melody	(May, 2009) "The lexical decision task: A better measure for predicting alcohol use in women?"
Lavina Cavassos	(April, 2007) "Predicting change in spirituality among university students: Validation of several measures of client and therapist behavior"

Comprehensive Examinations

proposed December 2019
(November, 2018)
(October, 2018)
(May, 2016)
(April, 2016)
(April, 2015)
(March, 2015)
(March, 2013)
(January, 2012)
(October, 2010)

Mar Campos Melady	(October, 2009)
Lisa Glynn	(December, 2009)
Erin Tooley	(November, 2008)
Jennifer Hettema	(October, 2004)
Dan Squires	(September, 2001)
Bachelors Honors Adviseme	<u>ent</u>
Daniel Guardado	(2016 Senior Honors Program) "Role of stigma and depression in coping in LGBT college students
Natalia Gonzales	(2015 Honors Program) Childhood sexual abuse and Psychopathy
Joshua Clifford	(2012 Summa cum laude) "Evaluating dispositional regulatory focus and change priming in smokers"
Michael S. Miller	(2011 Magna cum laude) "Investigation of ability language and self-efficacy and their effects on drinking outcomes"

Undergraduate Students: 499

Jahailah Graham Brooke McKahin Amaris Maddox Fillip Kosorukov Gabriel Peters Elizabeth Grey	(2019) (2019) (2019) (2019) (2019) (2019) (2019)
Margaret Anna Lee	(2019)
Sammi Montano	(2019)
Brittnie Wolf	(2012)
Ryan Maydew Tania Jimenez	(2013) (2013) (2013)
Elizabeth Krantzman	(2013)
Marquette Rose	(2012)
Linda Cochrum	(2012)
Ben Wasserott	(2011)
Christina Ripp	(2011)
Amanda Swantko	(2011)
CJ Pyeatt	(2009)
Rachel Stannus	(2008)
Alison Deakyne	(2008)
Julissa De La Torre	(2008)
Lindsay Barela	(2006)
Sarah Schwarz	(2007)

Donna Marie Alipat	(2005)
Amanda Tatum	(2005)
Rueben Estrada	(2005)
Lisa Leahigh	(2004)