

J. Scott Tonigan, Ph.D.

Center on Alcoholism, Substance
Abuse, and Addictions (CASAA)
Internet: jtonigan@unm.edu

Research Professor, Psychology
University of New Mexico
Office (505) 925.2384

Education

- Ph.D.** 1989, Psychological Foundations, College of Education, University of New Mexico.
Major: Applied research design and statistics. Emphasis on psychometric assessment and multivariate statistical approaches. Minor: Human resource management, concentration in competency-based performance evaluation. Dissertation, Teacher impressions of competency-based performance feedback: A multivariate approach.
- M.A.**, with distinction, 1982. Educational Psychology, College of Education, University of New Mexico. Major: Expectancy theory. Minor: Applied educational research design and statistics.
- B.A.**, with distinction, 1977. College of Arts and Sciences, History major, Economics minor. University of New Mexico.

Professional Experiences

- 2008 Research Professor of Psychology, University of New Mexico
- 2008-present Chair, Main Campus Institutional Review Board (IRB)
- 2007 Consulting Editor, Psychology of Addictive Behavior.
- 2007 Editorial Board, *Journal of Substance Abuse Treatment*
- 2003 Editorial Board, *Alcoholism Treatment Quarterly*.
- 2002-04 Co-Director, Center on Alcoholism, Substance Abuse, and Addictions, CASAA
Director, Clinical Research Branch, University of New Mexico, Albuquerque, NM
- 2002-04 Associate Research Scientist, Research Institute on Addictions (RIA), University of Buffalo, Buffalo, NY.
- 2002-03 Adjunct Faculty, Kent School of Social Work, University of Louisville.
- 2001-04 Consulting editor, *Journal of Consulting and Clinical Psychology*.
- 2000-present Editorial Board member, *Journal of Studies on Alcohol and Drugs*
- 1998 Deputy Director, Research Branch, Center on Alcoholism, Substance Abuse and Addictions (CASAA), University of New Mexico.
- 1996-98 Co-Director, Research Branch, Center on Alcoholism, Substance Abuse and Addictions (CASAA), University of New Mexico.

- 1996-01 Associate Research Professor of Psychology, University of New Mexico
- 1993–96 Deputy Director Research Division, Center on Alcoholism, Substance Abuse, and Addictions (CASAA), University of New Mexico.
- 1993 – 95 Assistant Research Professor of Psychology, University of New Mexico, Department of Psychology, Albuquerque, New Mexico.
- 1989 Senior Research Associate, Project MATCH, Department of Psychology, University of New Mexico, Principal Investigator, William R. Miller, Ph.D.. Responsibilities: Develop and monitor on-site implementation of data management system for 5 year NIAAA grant. Development of screening and outcome assessment instruments, and conduct validity and reliability analyses.
- 1988 Director of Research, Development Office, University of New Mexico Director, Joseph Skehen. Responsibilities: Generate statistical reports, and interface IDMS mainframe and PC databases. Assist in data base conversion.
- 1987 Research assistant, Research Advisory Services (RAS), College of Education, University of New Mexico, Director, Judith Wilde, Ph.D.. Responsibilities: Conduct validity and reliability assessments of researcher constructed instruments. Assist faculty and staff in planning outcome assessments, statistical analyses (univariate and multivariate), and instruction of statistics.
- 1983 Graduate assistant, College of Education, University of New Mexico, Associate Dean Wayne Maes, Ph.D. Responsibilities: Conduct psychometric assessment of entrance and competency-based testing policies used for college applicants and graduates.
Graduate assistant, Department of Educational Foundations, College of Education, University of New Mexico.
- 1982 Director Navajo Academy Evening Academic program, Farmington, NM Platero, Farmington New Mexico.

Professional NIH Service

Clinical and Treatment Health Services subcommittee (NIAAA) initial review group (AA-3)

2003-2007	Standing Member
2008-2010	Chair

Health Services subcommittee (NIAAA) initial review group (AA-2)

2002, 2005, 2011, 2012: Invited Ad Hoc Reviewer

NIH, L-30 & L-40 Loan Repayment Program Review Panel (NIAAA)

2002	Standing member
2004	Standing member
2007-2010	Chair

Special Emphasis Panel/Scientific Review Group

- 2009 Chair, ZAA1 DD (01)
2009 Invited review, National Institute on Alcohol Abuse and Alcoholism (ZAA1 BB)
2008 Invited review (August) Special Emphasis Panel, (ZAA1 AA 70 1).
- 2004 SAMHSA, Field Reviewer, SM 04-007 (PE1) , Alternatives to Restraint and Seclusion With Severely Mentally Ill Individuals
- 2004 SAMHSA Field Reviewer:SP03-006, Prevention of Methamphetamine and inhalant abuse
- 2002 NIDA Field Reviewer (B-START; PAR-01-014)
- 1995 NIAAA, Measurement and treatment outcome consultant, co-author A Guide for Clinicians and Researchers. NIAAA Treatment Handbook Series 2: Alcoholism Treatment Assessment Research Instruments

GRANT FUNDING (Current)

R21 AA020242-01 Tonigan (PI)

NIH/NIAAA

07/31/11-06/30/13

Review of the AA Literature: Clinical and Research Implications.

This review is applying meta-analytic techniques to summarize the AA literature 1993-2010. Initial efforts to identify relevant articles are now in progress. Analyses will first focus on the associations between AA attendance, drinking, and secondary outcomes. The review will also report the magnitude of associations for mediation pathways in MOC research on AA, e.g. spirituality and social support. The moderating effects of study and sample characteristics will be reported, e.g., dual diagnosis, and the relative effectiveness of different therapeutic approaches to facilitate 12-step attendance will be documented.

R01 AA018376-02 McCrady (PI)

NIH/NIAAA

08/10/10-07/31/13

Mechanisms of Change: Alcohol Behavioral Couple Therapy

This study will identify if spousal behavior in couples therapy in the first therapy session predicts later drinking. Other aims will test if couple interactions change through the course of therapy, how such changes may predict drinking, and how pretreatment couple characteristics moderate relationships of interest. Existing audiotapes of 186 first session and 136 mid- treatment sessions from four randomized clinical trials of ABCT will be coded. Dr. Tonigan is a Co-I on this project and is responsible for the primary data analyses.

U10DA1533 Southwest Clinical Trials Network Node Bogenschutz (PI)

09/01/10-08/31/15

NIH/NIDA

This multisite cooperative agreement is intended to partner with community-based treatment providers to assess the efficacy and effectiveness of various pharmacotherapy and psychosocial treatments for substance abuse. Dr. Tonigan is Co-I for the Albuquerque node.

R21 AA017906-01, Magura (PI)

NIH/NIAAA

08/25/09-07/31/12

Controlling for Endogeneity Biases in Estimating AA Effects on Drinking Outcomes

This study is a secondary data analysis using statistical approaches to control for endogeneity biases such as self-selection and reverse causation in evaluating AA efficacy. Secondary analyses will be done using the Project MATCH data set, and Dr. Tonigan will provide consultation in the areas of measurement, statistical analyses, and preparation of manuscripts.

R01AA017867, Kirby (PI)

NIH/ NIAAAA

09/30/09-07/31/14

Multimedia toolkits to implement 12-step recovery concepts in group counseling.

This is a stage 1A and 1B trial intended to develop a four module DVD-based “toolkit” for 12-step practitioners. Modules will be developed and tested for feasibility and acceptability using focus groups, and a randomized efficacy trial will then be done to determine relative efficacy to standard 12-step treatment. Dr. Tonigan is a consultant on the project.

Completed Research Support

R01-AA014197-01A1-08 Tonigan (PI)

NIH/NIAAA

04/15/05-09/29/11

A Transtheoretical Model of AA-related Behavior Change

This single-group longitudinal study recruited 253 AA-exposed adults from community-based AA and outpatient treatment. Prospective hypotheses about the relative importance of change readiness, self-efficacy, perceived social group dynamics, and AA-specific change mechanisms, e.g., spirituality, have been tested with preliminary reports provided at RSA in 2009 and 2010. Several papers are now under review reporting findings out to the 24 month follow-up. An extended 5 year follow-up is currently in progress.

R21DA025241-02, Geppert (PI)

08/01/09-07/31/11

NIH/NIDA

A Survey Study of Informed Consent Processes in Addiction Treatment

The study surveyed 1,500 clinicians from treatment programs of the NIDA Clinical Trials Network (CTN) via an Internet web-based platform. The survey instrument focused on knowledge of clinical ethics concerning the informed consent process, consent practices, and attitudes toward informed consent situations. Participating sites include 16 CTN nodes each linked with five to ten or more Community-based Programs.

R21AA 017313-02, Thoma (PI)

09/30/07-08/31/11

NIH/NIAAA

Adolescent Neurodevelopment and Alcohol.

This study is investigating the effect of adolescent alcohol abuse on brain development. We have collected intake, 1 and 6-month measures including neuropsychological variables, self-reported drinking measures, magnetic resonance spectroscopy, diffusion tensor imaging, morphometric assessment, EEG, and MEG data. Three groups were recruited: (1) a control group of non-drinking, but high-risk participants (N = 10), a healthy, normal control (HC; N = 10), and adolescents entering treatment for chronic alcohol abuse (CAA N = 20). Preliminary analyses are underway. We are currently in the data analysis phase, and Dr. Tonigan is a Co-I on the project.

K02-AA00326-10, Tonigan (PI)

09/01/06- 08/27/11

NIH/ NIAAA

The Social Context for AA-related Behavior Change

This award is focused on the acquisition of analytic skills and knowledge gains in social psychology necessary to model AA-related behavior change in a dynamic social context. To achieve these objectives Dr. Tonigan's career plan included didactic coursework, statistical workshops, coordination of MOC-based workshops at RSA, and structured consultations. The K02 award fully supports Dr. Tonigan's research efforts.

R01 AA015419-05 Bogenschutz (PI)

09/01/05-05/31/11

NIH/NIAAA

12-step Facilitation Adapted for the Dually Diagnosed

This study adapted the 12-step manual developed for Project MATCH for use with dually diagnosed clients (N = 121). The primary objective of this adapted manual was to facilitate attendance in Double Trouble (DT), a mutual-help program for dually diagnosed substance abusers. Follow-up was done at 3, 6, 9, and 12 months, and attendance and commitment to DT and AA was closely monitored and documented. The project is now in the data analysis phase. Dr. Tonigan is a Co-I on this project.

R21AA016974-03 Tonigan (PI)

NIH/NIAAA

08/31/07-07/30/10 (now in NC)

Therapeutic Mechanisms in AA

This study investigated the plausibility that causal mechanisms identified in the core AA literature accounted for AA-related benefit, i.e., reduced anger and selfishness and increased spirituality. We recruited 130 alcohol dependent adults from community-based AA and outpatient treatment with limited treatment and AA histories and interviewed them at intake, 3, 6, and 9-months. Preliminary results have been reported at RSA in 2010 and several papers are now in print.

R21 AA 016762-03 Kelly (PI)

NIH/NIAAA

05/01/08-03/29/10

Mechanisms and Moderators of Behavior Change in Alcoholics Anonymous

This study conducted secondary analyses on the Project MATCH data set with special attention paid to identifying change mechanism in AA and how such benefit is moderated by static and

dynamic client characteristics. Dr. Tonigan served as a co-investigator on this project and has co-authored four papers with the investigative team.

R21AA13073-01 Tonigan (PI)

10/01/00-09/30/03

NIH/NIAAA

Spirituality and AA practices: 10 year MATCH follow-up.

This study examined the temporal relationships between prescribed AA-related behaviors, spiritual development, and drinking by conducting a 10-year follow-up of the Project MATCH sample (N = 122) recruited at the Albuquerque clinical research unit.

COMBINE (NIAAA, 8-42U-7901, Tonigan, J. S. PI)

COMBINE was a large multisite trial investigating the relative effectiveness of pharmacotherapy, CBI, and Medical Management. While the recruitment, follow-up, and the initial reporting of results have been completed, the trial continues to operate to sustain the mining of a rich data set.

Relapse precipitants: Replication of Marlatts relapse taxonomy (NIAAA: N01AA10006, Tonigan, J.S, PI).

This study was a multisite trial that investigated the replicability of Marlatts relapse taxonomy across diverse alcohol abusing populations. Efforts this past year focused on dissemination of findings and finalization of a public domain data base and companion user manual

Templeton Foundation, Pagano, (PI)

04/01/09-03/31/12

Helping Others and Long-term Outcomes among Youth with Substance Use Disorders.

This is a naturalistic follow-up study of adolescents with substance abuse problems. The project has three primary aims: (1) to validate the "Helping Others" questionnaire, (2) to investigate faith-based mechanisms for sustaining service over time, and (3) to examine health and social outcomes in relation to youth involvement in service. Administered by Case Western University, Dr. Tonigan is a consultant on the project

Spiritual practices and altruistic love: Two studies of Alcoholics Anonymous members (Fetzer Institute, Tonigan, J. S., PI).

This study included cross-sectional sampling of 5 AA groups and the addition of measures to an ongoing 10-year follow-up of the Project MATCH sample, R21AA13073-01. Study aims focused on the mediating role of prescribed AA-related practices on the development of altruism.

Pending Submissions Available Upon request

Formal Grant Mentoring

K23AA000310, Schermer, C. (PI) Prevention of DUI recidivism after trauma (NIAAA).

K23DA000506, Villanueva, M. (PI) Zuni Pueblo veteran project (NIDA).

K23AA014267, Baca, C. (PI). Primary care intervention for alcohol problems (NIAAA).

K23AA014207, Venner, K., (PI) Culturally appropriate treatment for Native Americans. (NIAAA).

K23AA016544 Thoma, Robert J. (PI) Brain Impairment in Alcohol Dependence (NIAAA).

K02AA000325, Bates, M. (PI). Complex brain behavior relations in alcohol studies (NIAAA).

K01AA015137 Pagano, M. (PI). Service to Others and Long-term Alcohol Outcomes (NIAAA).

Grant Consultation

R03AA014578, Cloud, R. (PI). Improving posttreatment Alcoholics Anonymous utilization (NIAAA).

R21AA013761, Kingree, J. (PI). Measuring AA involvement with the Health Belief Model (NIAAA).

R21AA014226, Clifford, P. (PI). Post-treatment alcohol use and longer-term functioning (NIAAA).

R01AA014442 Robinson, E. (PI) Long-term spiritual changes in recovery from alcoholism (NIAAA)

R21AA016762 Kelly, J (PI). Mediators and moderators of Project MATCH Outcomes (NIAAA)

R01AA014688, Kaskutas, L. (PI). Making AA easier: A group TSF approach (NIAAA)

R21AA016929 Stout, R. (PI). Longitudinal study of mechanisms of alcohol recovery (NIAAA)

Statistical Consultation

Multidisciplinary approach to reduce injury and alcohol use, (NIAAA, R01AA015439, Field, C., PI) Training in, and evaluation of, Form90. Dallas, TX.

Unilateral Family Intervention for Drug Problems, NIDA, Statistical consultant, 5% (completed).
University of New Mexico.

Treatment Evaluation and Adult Mentoring, CSAT, Statistical consultant 5% (active). University of
New Mexico.

Treatment Outcome with Runaway Adolescents, NIDA, Statistical consultant 5% (active). University of
New Mexico.

Alcohol and Drug Faculty Development Program, NIAAA (T01-AA07540), Program evaluator.
University of New Mexico.

Randomized Clinical Trial of Sertraline in Alcoholism Treatment, NIAAA (R01-AA09549), Statistical
consultant, 10% (completed). University of New Mexico.

Clinical Trial of Interventions with Significant Others, NIAAA (R01-AA09774), Statistical consultant,
10% (completed). University of New Mexico.

Intercessory Prayer Study, (R21RR09440) NIH Office of Alternative Medicine, statistical consultant,
10% (completed). University of New Mexico.

College Instruction & Mentoring

1989 *Theory and Practice of Consultation*, Co-instructor, Department of Educational Administration,
University of New Mexico. A graduate level course designed to introduce students to the behavioral,
cognitive and systems model approaches as applied to consultation in educational and social services
agencies.

1998 to Present. *Alcoholism Course*, Psychology 430/630 (upper division and graduate) 3-credit course on theories of the etiology of alcoholism, and the relative effectiveness of alternative formal treatments. It is a popular lecture course, enrolling 100-200 students. I have instructed units on mutual help participation and benefits.

Mentoring. Currently serving on 5 thesis and 6 dissertation committees, Department of Psychology, UNM. Under the direction of Dr. McCrady CASAA has acquired a T-32 award (NIAAA) Dr. Tonigan is the formal mentor of several predoctoral and one postdoctoral T-32 fellows.

Director & Instructor, CASAA Grant writing 501 Seminar. A 12-week course that introduces aspiring NIH and NSF investigators to strengthen skills that are necessary to acquire extramural funding. Topics of the seminar include, budget preparation, navigating the IRB process, writing specific sections of NIH & NSF applications, statistical and power analysis sections, and identifying grant mechanisms. The course is open to graduate students and UNM faculty.

Journal Review Consultation

Journal of Studies on Alcohol
Addiction, *formerly* British Journal of Addiction
Psychology of Addictive Behavior
Journal of Consulting and Clinical Psychology
Drug and Alcohol Dependence
Alcoholism: Clinical and Experimental Research
American Psychologist
Alcohol Health and Research World
Archives of Psychiatry

Papers currently under review (* Mentored pre and postdoctoral Students)

Magura, S., McKean, J., Koster, S., & **Tonigan, J. S.** (submitted). A novel application of propensity score matching to estimate Alcoholics Anonymous' effect on drinking outcomes. *Drug and Alcohol Dependence*.

Magura, S., McKean, J., & **Tonigan, J. S.** (submitted). Evaluating Alcoholics Anonymous' Effect on drinking in Project MATCH using cross-lagged regression panel analysis.

Pagano, M. E., Johnson, S. M., Kelly, J. F., Stout, R. L., **Tonigan, J. S.** (resubmitted). The 10-year course of AA participation and long-term outcomes: A follow-up study of outpatient subjects in Project MATCH. *Addiction*.

Smith, J. P., & **Tonigan, J. S.** (submitted) Relative Engagement and Benefit from Alcoholics Anonymous among Alcoholics Living Alone. *Alcoholism: Clinical and Experimental Research*.

Tonigan, J. S., Martinez-Papponi, B., Hagler, K. J., Greenfield, B. L., & Venner, K. L., (submitted). A longitudinal study of urban Native American Indian 12-step attendance, attrition, and outcome *Addiction*.

Peer Reviewed Publications 2012 and “in press”

Erickson, S. J., **Tonigan, J. S.**, & Winhuesen, T. (2012). Therapist effects in a NIDA CTN intervention trial with pregnant substance abusing women: Findings from RCT and provider settings. *Alcoholism Treatment Quarterly*, 30, 2, 224-237

*Greenfield, B., & **Tonigan, J. S.** (in press) The General Alcoholics Anonymous Tools of Recovery: Psychometric Properties and Predictive Validity of Spiritual and Behavioral Step-Work over Time, *Psychology of Addictive Behavior*.

*Lloyd-Rice, S. & **Tonigan, J. S.** (2012). Impressions of Alcoholics Anonymous (AA) Group Cohesion: A case for a non-specific factor predicting later AA attendance, *Alcoholism Treatment Quarterly*, 30, 1, 40-51.

*Monnig, M. A., **Tonigan, J. S.**, Yeo, R. A., Thoma, R. J., & McCrady, B. S. (2012). White matter volume in alcohol use disorders: A meta-analysis. *Addiction Biology*. Advance online publication doi: 10.1111/j.1369-1600.2012.00441

*Rynes, K.N., & **Tonigan, J.S.** (2012). Do social networks explain 12-step sponsorship effects? A prospective lagged mediation analysis. *Psychology of Addictive Behaviors*. Advance online publication doi: 10.1037/a0025377.

* Rynes, K. N., & **Tonigan, J. S.** (in press). Does pathway into 12-step programs influence 12-step-related benefit? *Alcoholism Treatment Quarterly*, 30(1), 2012

Tonigan, J. S., Rynes, K., & McCrady, B. S. (in press) Spirituality as a change mechanism in 12-step programs: A replication, refinement and extension, *Substance Use and Misuse*.

Tonigan, J. S., Rynes, K. N., Toscova, R., & Hagler, K. (in press). Do changes in selfishness explain 12-step benefit? : A prospective lagged analysis. *Substance Abuse*

Zemore, S. E., Subbaraman, M., & **Tonigan, J. S.** (in press). Involvement in 12-step activities and treatment outcomes, *Substance Abuse*.

Peer Reviewed Publications 2011

Brown, A. E., **Tonigan, J. S.**, Pavlik, V. N., Thomas, T. R., & Volk, R. J., (2011). Spirituality and confidence to resist substance use among celebrate recovery participants. *Journal of Religion and Health*

Jenkins, C. O. E., & **Tonigan, J. S.** (2011). Attachment avoidance and anxiety as predictors of 12-step engagement, *Journal of Studies on Alcohol and Drugs*, 72(5), 854-863.

Kelly, J. F., Stout, R. L., Magill, M., & **Tonigan, J. S.** (2011). The role of Alcoholics Anonymous in mobilizing adaptive social network changes: A prospective lagged mediational analysis. *Drug and Alcohol Dependence*, 114, 119-126.

Kelly, J. F., Stout, R. L., Magill, M., **Tonigan, J. S.**, & Pagano, M. E. (2011). Spirituality in recovery: A lagged mediational analysis of Alcoholics Anonymous' principal theoretical mechanism of behavior

change. *Alcoholism: Clinical and Experimental Research*, 35(3), 454-463.

* Manuel, J. K., Austin, J. L., Miller, W. R., McCrady, B. S., **Tonigan, J. S.**, Meyers, R. J., Smith, J. E. & Bogenschutz, M. P. (2011). Community Reinforcement and Family Training: A comparison of group and self-directed delivery. *Journal of Substance Abuse Treatment*. PMID: 22154038

Thoma, R. J., Monnig, M. A., Lysne, P. A., Ruhl, D. A., Pommy, J. A., Bogenschutz, M. **Tonigan, J. S.**, & Yeo, R. A. (2011). Adolescent substance abuse: The effects of alcohol and marijuana on neuropsychological performance. *Alcoholism: Clinical and Experimental Research*, 35(1),39-46. PMID: 20958330

Thoma, R. J., Mullins, P., Ruhl, D., Monnig, M., Yeo, R. A., Caprihan, A., Bogenschutz, M., Lysne, P., **Tonigan, J. S.**, Kalyanam, R., & Gasparovic, C. (2011). Perturbation of the glutamate-glutamine system in alcohol dependence and remission. *Neuropsychopharmacology*, 36(7), 1359-65. PMID: 21389979

Tonigan, J. S., & Beatty, G. (2011). Twelve-step program attendance and polysubstance use: Interplay of alcohol and illicit drug use. *Journal of Studies on Alcohol and Drugs*, 72(5), 864-871.

Peer Reviewed Publications 2010

Bogenschutz, M. P., Abbott, P.J. Kushner, R., **Tonigan, J. S.**, & Woody, G. E. (2010). Effects of buprenorphine and hepatitis C on liver enzymes in adolescents and young adults. *Journal of Addiction Medicine*, 4(4), 211-216.

Dunlap, J., Zarkin, G. A., Bray, J. W., Mills, M., Kivlahan, D. R., McKay, J. R., Latham, P., & **Tonigan, J. S.** (2010). Revisiting the cost-effectiveness of the COMBINE study for alcohol dependent patients: the patient perspective. *Medical Care*, 48(4), 306-13.

Kelly, J. F., Stout, R. L., Magill, M., **Tonigan, J. S.**, & Pagano, M. E. (2010). Mechanisms of behavior change in Alcoholics Anonymous: Does Alcoholics Anonymous lead to better alcohol use outcomes by reducing depression symptoms? *Addiction*, 105(4), 626-636.

Kelly J. F., Stout, R. L., **Tonigan, J. S.**, Magill, M., & Pagano, M. E. (2010). Negative affect, relapse, and Alcoholics Anonymous (AA): Does AA work by reducing anger? *Journal of Studies on Alcohol and Drugs*, 71(3), 434-444.

Thoma, R. J., Hill, D. E., Kuny, A., Vermont, L., & **Tonigan, J. S.** (2010). Adolescent Self-Reported Alcohol/Other Drug Use Consequences: Moderators of Self- and Parent Agreement. *Alcoholism Treatment Quarterly*, 28(2), 101-110.

Tonigan, J. S., Book, S. W., Pagano, M. E., Randall, P. K., Smith, J. P., & Randall, C. L. (2010). 12-Step therapy and women with and without social phobia: A study of the effectiveness of 12-step therapy to facilitate Alcoholics Anonymous engagement, *Alcoholism Treatment Quarterly*, 28, 151-162.

Tonigan, J. S., & Rice, S. L. (2010). Is it beneficial to have an AA sponsor? *Psychology of Addictive Behaviors*, 24(3), 397-403.

Peer Reviewed Publications 2009

Bogenschutz, M. P., **Tonigan, J. S.**, & Pettinati, H. M. (2009). Effects of alcoholism typology on response to naltrexone in the COMBINE trial. *Alcoholism: Clinical and Experimental Research*, 33(1), 10-18.

Freyer-Adam J, Coder B, Ottersbach C, **Tonigan J S**, Rumpf H-J, John U Hapke U (2009). The Performance of Two Motivation Measures and Outcome after Alcohol Detoxification. *Alcohol and Alcoholism*, 44(1): 77-83.

Moyers, T. B., Martin, T., Houck, J. M., Christopher, P. J. & **Tonigan, J. S.** (2009). From in-session behaviors to drinking outcomes: A causal chain for motivational interviewing. *Journal of Consulting and Clinical Psychology*, 77(6), 1113-1124.

* Smith, B. W., & **Tonigan, J. S.**, (2009). Alcoholics Anonymous benefit and social attachment. *Alcoholism Treatment Quarterly*, 27(2), 164-173.

Peer Reviewed Publications 2008

Erickson, S. J., & **Tonigan, J. S.** (2008). Trauma and intravenous drug use among pregnant women: Factors in predicting child abuse potential. *Alcoholism Treatment Quarterly*, 26(3), 313-332.

* Forcehimes, A. A., & **Tonigan, J. S.** (2008). Self-efficacy to remain abstinent and substance abuse: A meta-analysis, *Alcoholism Treatment Quarterly*, 26(4), 480-489.

* Hetteima, J. E., Miller, W. R., **Tonigan, J. S.**, & Delaney, H. (2008). The reliability of the Form 90-DWI: An instrument for assessing intoxicated drivers. *Psychology of Addictive Behaviors*, 22(1), 117-121.

Peer Reviewed Publications 2007

Forcehimes, A. A., **Tonigan, J. S.**, Miller, W. R., Kenna, G. A. & Baer, J. S. (2007). Psychometrics of the Drinker Inventory of Consequences (DrInC). *Addictive Behaviors*, 32, 1699-1704.

Huebner, R. B., & **Tonigan, J. S.** (2007). The search for mechanisms of behavior change in evidence-based behavioral treatments for alcohol use disorders: Overview. *Alcoholism: Clinical and Experimental Research*, 31(S3), 1S-3S.

Kingree, J. B., Simpson, A., Thompson, M., McCrady, B., & **Tonigan, J. S.** (2007). The predictive validity of the Survey of Readiness for Alcoholics Anonymous Participation, *Journal of Studies on Alcohol and Drugs*, 68(1), 141-148.

Manuel, J. K., McCrady, B. S., Epstein, E. E., Cook, S., & **Tonigan, J. S.** (2007). The pre-treatment social networks of females with alcohol dependence. *Journal of Studies on Alcohol and Drugs*, 68(6), 871-878.

Miller, W. R., Villanueva, M., **Tonigan, J. S.**, & Cuzmar, I. (2007). Are Special Treatments Needed for Special Populations? *Alcoholism Treatment Quarterly*, 25(4), 63-78.

Moyers, T. B., Martin, T., Christopher, P. J., Houck, J. M., **Tonigan, J. S.**, & Amrhein, P. C. (2007). Client language as a mediator of motivational interviewing efficacy: Where is the evidence? *Alcoholism: Clinical and Experimental Research*, 31(S3), 40S-47s.

Tonigan, J. S., Forcehimes, A. A., & Geppert, C. (2007). Selected annotated bibliography on substance use and abuse. *Southern Medical Journal Supplement*, 100(4), 454-457.

Villanueva, M., **Tonigan, J. S.,** & Miller, W. R. (2007). Response of Native American clients to three treatment methods for alcohol dependence. *Journal of Ethnicity in Substance Abuse*, 6(2), 41-48

Peer Reviewed Publications 2006

Bates, M. E., Pawlak, A. P., **Tonigan, J. S.,** & Buckman, J. F. (2006). How cognitive impairment influences therapeutic mechanisms of change. *Psychology of Addictive Behavior*, 20(3), 241-253.

Bogenschutz, M. P., **Tonigan, J. S.,** & Miller, W. R. (2006). Examining the effects of alcoholism typology and AA attendance on self-efficacy as a mechanism of change. *Journal of Studies on Alcohol*, 67(4), 562-567.

Clifford, P.R., Maisto, S. A., Stout, R. L., McKay, J. R., **Tonigan, J. S.,** (2006). Long-term post-treatment functioning among those treated for alcohol use disorders (AUD). *Alcoholism: Clinical and Experimental Research*, 30(2), 311-319.

COMBINE (2006). Effect of combined pharmacotherapies and behavioral interventions for alcohol dependence. *Journal of the American Medical Association*, 295(17), 2003-2017.

Kingree, J. B., Simpson, A., Thompson, M., McCrady, B., **Tonigan, J. S.,** & Lautenschlager, G. (2006). The development and initial validation of the Survey of Readiness for Alcoholics Anonymous Participation. *Psychology of Addictive Behaviors*, 20(4), 453-462.

Tonigan, J. S., Bogenschutz, M. P., & Miller, W. R. (2006). Is alcoholism typology a predictor of both Alcoholics Anonymous affiliation and disaffiliation after treatment? *Journal of Substance Abuse Treatment*, 30, 323-330.

Peer Reviewed Publications 2005

* Freyer, J., **Tonigan, J. S.,** Keller, S., Rumpf, H.-J., John U., & Hapke, U. (2005). Readiness for change and readiness for help-seeking: A composite assessment of client motivation. *Alcohol and Alcoholism*, 40(6), 540-544.

* Freyer, J., **Tonigan, J. S.,** Keller, S., John, U., Rumpf, H.-J. & Hapke, U. (2005). Motivation bei Alkoholproblemen: Ist die Unterscheidung von Verhaltensänderungs- und Inanspruchnahmemotivation sinnvoll? [Motivation in persons with alcohol problems: Is the distinction between behavior change motivation and help-seeking motivation useful?] In A. Helmes (Ed.) *Lebensstiländerungen in Prävention und Rehabilitation* [Lifestyle change in prevention and rehabilitation]. Lengerich: Pabst, p. 72.

Longabaugh, R., Donovan, D. M., Karno, M.P., McCrady, B.S., Morgenstern, J., & **Tonigan, J. S.** (2005). Active ingredients: How and why evidence-based alcohol behavioral treatment interventions work. *Alcoholism: Clinical and Experimental Research*, 29(2), 235-240.

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Walters, S. T., Tonigan, J. S., Miller, W. R., & Underwood, L. (2000). Response stability of the Brief Measure of Religiousness and Spirituality. Alcoholism: Clinical and Experimental Research, 24(5, Supplement), 77A. (Abstract)

Walters, S, Tonigan, J.S., & Miller, W.R., (2000, June). Evaluation of the Brief Measure of Religiousness and Spirituality (BMRS) among treatment-seeking polysubstance abusers, Poster prepared for the annual conference, Research Society on Alcoholism, Denver, CO

Wheeler, D. R., Woodall, W. G., & Tonigan, J. S. (2000). Predictors of BAC: A retrospective study of court defined first time DWI offenders. Alcoholism: Clinical and Experimental Research, 24(5, Supplement), 157A. (Abstract)

Westerberg, V. S., Miller, W. R., & Tonigan, J. S. (2000). Outcomes in a randomized trial vs. treatment as usual. Alcoholism: Clinical and Experimental Research, 24(5, Supplement), 39A. (Abstract)

Wilbourne, P., Miller, W. R., & Bennett, M. E. (2000). *Mesa Grande: A methodological meta-analysis of alcohol treatment efficacy*. Alcoholism: Clinical and Experimental Research, 24(5, Supplement), 39A. (Abstract)

Wilbourne, P., Miller, W. R., & Tonigan, J. S. (2000). Motivational profiles in three female samples of substance abusers. Alcoholism: Clinical and Experimental Research, 24(5, Supplement), 111A. (Abstract)

Abstracts 1999

Arroyo, J. A., Miller, W. R., & Tonigan, J. S. (1999). The influence of ethnic identification on long term outcome in three alcohol treatment modalities. Alcoholism: Clinical and Experimental Research, 23, (supplemental), 426 A. (Abstract).

Abstracts 1995

Grant, K. A. Arciniega, L., Tonigan, J. S., & Miller, W. R. (1995). Reconstruction of drinking in a clinical population, Alcoholism: Clinical and Experimental Research (Abstract).

Westerberg, V. S., Miller, W. R., & Tonigan, J. S. (1995). Prospective prediction of relapse: Alternative models. Proceedings off the 29th Annual Convention of the Association for Advancement of Behavior Therapy, 56, Abstract.

Abstracts 1994

Miller, W. R., Brown, J. M., Simpson, T. S., Handmaker, N. S., Bien, T.H., Luckie, L. F., Montgomery, H. A., Hester, R. K. & Tonigan, J. S. (1994) What works? A methodological analysis of the alcohol treatment literature. Poster presented at the annual meeting of Research Society on Alcoholism, Maui, HI.

Miller, W. R., Tonigan, J. S., & Connors, G. (1994). A univariate measure of Religious Belief and Behavior for Use in Behavior Change research, Poster presented at the annual conference , AABT, San Diego, CA.

Abstracts 1993

Tonigan, J. S. & Miller, W. R. (1993). Assessment and validation of the Drinker Inventory of Consequences (DrInC): A multi-site outpatient and aftercare clinical sample of problem drinkers. Alcoholism: Clinical and Experimental Research . 17, 513. (Abstract).

Presentations (Alphabetical)

Cervantes, E., Tonigan, J. S., Miller, W. R., Kaven, M., Meyers, (November, 1999). Comparison of time-line follow-back and averaging methods for quantifying alcohol consumption in treatment research. (CASAA). Presented at the annual meeting of the Association of Advanced Behavior Therapist, San Francisco, CA.

Clark, S. & Tonigan, J. S. (October, 1997). Characteristics of gambling adults in New Mexico: Apparent catalysts for problem gambling., poster presentation, Boston, MA.

- Connors, G., Tonigan, J. S., & Miller, W. R. (November, 1994). Measurement of Alcoholics Anonymous involvement in alcoholism treatment research, symposium accepted for presentation at AABT, San Diego, CA.
- Emrick, C. D., Tonigan, J. S., Montgomery, H. A., & Little, L. (1992, February). Affiliation processes in and treatment outcomes of Alcoholics Anonymous: A meta-analysis of the literature. Keynote address at conference funded by NIAAA # R13-AA09051, Albuquerque, NM.
- Gossage, J. P., May, P.A., & Tonigan, J. S., (1999, November). The epidemiology of alcohol consumption by women within four American Indian Communities in advance of efforts to prevent fetal alcohol syndrome, American Public Health Association Annual meeting, Chicago, IL.
- Ladd, B. O., McCrady, B. S., Epstein, E. E., Cook, S., & Tonigan, J. S. (November, 2009). The factor structure and predictive power of the Important People Interview in a sample of women with alcohol use disorders, ABCT, New York, NY.
- Lam, T., Panofsky, C., & Tonigan, J. S. (1989, March) Survey of LEP statewide policies. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Meyers, R. J., Miller, W. R., & Tonigan, J. S. (1999, November). Engaging the unmotivated in treatment for alcohol problems.. Annual Conference for the Association for Advancement of Behavior Therapy, Toronto,.
- Meyers, R.J., Miller, W.R. & Tonigan, J.S. (June, 2000). Engaging the unmotivated for treatment through family members. In R. Longabaugh (Chair), Enhancing treatment effectiveness by involving significant others in treatment. Symposium conducted at the 23rd annual scientific meeting of Research Society on Alcoholism, Denver, Colorado.
- Meyers, R. J., Hill, D. E., Waldorf, V. A., Yahne, C. E., Miller E. J., Lopez, V. C., Miller, W. R., & Tonigan, J. S., Changing substance abuse through the use of Community Reinforcement training, APA, Women Conference.
- Miller, W. R., Meyers, R. J., Grant, K., Tonigan, J. S., Montgomery, H.A., Connor, L., Abbott, P., & Delaney, H. (1993, January) A randomized trial of the community reinforcement and 12-step treatments. Paper presented at the annual meeting of the International Conference on Treatment of Addictive Behaviors (ICTAB-6) in Santa Fe, NM.
- Miller, W. R., Meyers, R. J., Tonigan, J. S., Grant, K. A., & Abbott, P. J. (1996). Community reinforcement and Twelve-Step approaches in treatment of alcoholism, Symposium accepted for presentation at the annual conference of Research Society on Alcoholism, Washington, D.C.
- Miller, W. R., Meyers, R. J., & Tonigan, J. S., & Hester, R. (1992). Effectiveness of the Community Reinforcement Approach, RO1-AAO7564. Center on Alcoholism, Substance Abuse, and Addictions (CASAA). University of New Mexico.
- Miller, W. R., Sovereign, G. S., & Tonigan, J. S. (1990, November). The Drinker's Check-up: Two clinical trials of a secondary prevention strategy. Paper presented at the annual meeting of the Association of Advanced Behavior Therapist, San Francisco, CA.
- Miller, W. R., Westerberg, V. S., & Tonigan, J. S. (1994, November). Assessing alcohol involvement, symposium presentation at AABT, San Diego, CA.

Montgomery, H. A., Miller, W. R., Tonigan, J. S., Meyers, R. J., Hester, R. K., Abbott, P. J., & Delaney, H. D. (1990, November). SOCRATES as presage: Validation of a new instrument for assessing motivation for behavior change in problem drinkers. Paper presented at the annual meeting of The Association for the Advancement of Behavior Therapy, San Francisco, CA.

Montgomery, H. A., Tonigan, J. S., & Miller, W. R. (1992). The General Alcoholics Anonymous Tools of Recovery Instrument. Unpublished instrument, University of New Mexico.

Montgomery, H. A., Miller, W. R., & Tonigan, J. S. (1995, May). Does Alcoholics Anonymous involvement predict treatment outcome? Seventh International Conference on Treatment of Addictive Behaviors (ICTAB), Netherlands, 1995.

Nurnberg, H. G., Westerberg, V.S., Bogenschutz, M., Tonigan, J.S., Sanchez, F. P. & Tuason, V. B. Sertraline in the Treatment of Alcoholism, APA annual meeting, Miami, FL., 1995.

Nurnberg, H. G., Westerberg, V.S., Bogenschutz, M., Tonigan, J.S., Sanchez, F. P. & Tuason, V. B. (submitted for review). Effects of Sertraline in the treatment of Alcoholism: 12 month pilot results of the ARTS project, Seventh International Conference on Treatment of Addictive Behaviors (ICTAB), Netherlands, 1995.

Pohland, P., Milstein, M., Schilling N., & Tonigan, J. S. (1987, November). Emergent issues in the curriculum of educational administration: The University of New Mexico case. Paper presented at the first annual convention of the University Council for Educational Administration, Charlottesville, VA.

Tonigan, J. S. (June, 2012). Transcending the study of spiritual change as a statistical mediator: Current findings, refinements, and future directions. Research Society on Alcoholism, San Francisco, CA.

Tonigan, J. S. (April, 2011). The benefits of Alcoholics Anonymous: What research does and does not tell us, Seminar Series, Research Institute on Addictions, Buffalo, NY.

Tonigan, J. S. (June, 2011). Mechanisms of change in Twelve step Treatments: Panel I (Chair). Seventh annual Mechanisms of Behavioral Change preconference workshop, Research Society on Alcoholism, Atlanta GA.

Tonigan, J. S. (June, 2011). Where do we draw the line? Recovery, substance use, and well-being. Roundtable: Improving the rigor of research on recovery: Models, dimensions, and measures, Chairs, Murray, M., & Hesselbrock, M., Research Society on Alcoholism, Atlanta, GA.

Tonigan, J. S. (June, 2010). Therapeutic mechanisms of change in AA. Sixth annual Mechanisms of Behavioral Change preconference workshop, Research Society on Alcoholism, Houston, Tx.

Tonigan, J. S. (June, 2010). Therapeutic mechanisms of change in AA. Sixth annual Mechanisms of Behavioral Change preconference workshop, Research Society on Alcoholism, Houston, Tx.

Tonigan, J. S. (June, 2010). Symposia chair, 12-step practices that predict abstinence. Invited talk, The benefits of sponsorship in 12-step programs, Research Society on Alcoholism, Houston, Tx.,

Tonigan, J. S. (April, 2009). Evidence-based findings about 12-step programs: How and why they help people with substance abuse problems. Blending Addiction Science and Practice: Evidence-based

treatment and prevention in diverse settings and population, National Institute on Drug Abuse, Albuquerque, NM.

Tonigan, J. S. (November, 2009). 12-Step therapy and community-based AA: Evidence-based findings. Grand Rounds, Department of Psychiatry, School of Medicine, University of New Mexico.

Tonigan, J. S. (June, 2009). Preparing an NIH application that investigates mechanisms of behavior change. Invited presentation. Research on mechanisms of behavior change: A focus on methods. Pre-conference satellite session, Research Society on Alcoholism, San Diego, CA

Tonigan, J. S. (June, 2009, chair) Recent Advances in NIAAA Sponsored Mutual-Help Research: Processes and Mechanisms Accounting for AA-related Benefit (Symposium). Research Society on Alcoholism, San Diego, CA

Tonigan, J. S. (June, 2009). AA participation, selfishness, and drinking, Recent Advances in NIAAA Sponsored Mutual-Help Research: Processes and Mechanisms Accounting for AA-related Benefit (Symposium). Research Society on Alcoholism, San Diego, CA

Tonigan, J. S. (September, 2008). Treatment of Alcohol Use Disorders: Current Findings and Future Directions USA-Japan Joint workshop. Yokohama, Japan.

Tonigan, J. S. (September, 2008). Motivational Interviewing: Active ingredients of an evidence-based intervention for substance abuse. Japanese Society for Psychiatric Research on Alcoholism (JSPRA) and the Japanese Forum on Nicotine and Drug Dependence Studies (JFNDDS) Joint Meeting. Yokohama, Japan.

Tonigan, J. S. (2008). Making sense of mechanisms of change in mutual-help research. Plenary presentation. Modeling behavior change over time: The 12-step experience. Pre-conference satellite session, Research Society on Alcoholism, Washington, D.C.

Tonigan, J. S. (March, 2008). Examination of the active ingredients of Twelve Step Facilitation, and Alcoholics Anonymous, Plenary presentation. Addiction medicine conference for family physicians, Vancouver Island Health Authority, Vancouver.

Tonigan, J. S. (March, 2008). New Approaches to stages of change: An evidence-based perspective. Plenary presentation. Addiction medicine conference for family physicians, Vancouver Island Health Authority, Vancouver.

Tonigan, J. S. (November, 2007). 12-Step Therapy and Alcoholics Anonymous: An Evidence-Based Approach, Plenary Presentation. Western Canadian Addictions Conference, Vancouver, Canada.

Tonigan, J. S. (July, 2007). AA involvement during and after COMBINE treatment. Symposia chairs, Allen Zweben & Helen Pettinatti, Chicago, IL.

Tonigan, J. S. (December, 2006). The effectiveness of Twelve step therapy and community-based AA: An evidence-based approach. American Academy of Addiction Psychiatry, Tampa Bay, FL.

Tonigan, J.S. (July, 2006). The many faces of spirituality: Mythology and 12-step programs. Plenary address at the International Society of Personal Meaning, Vancouver, CA.

- Tonigan, J. S. (June, 2006). Mechanisms of change: Writing NIH applications. Pre-conference workshop, Research Society on Alcoholism, Baltimore, MA.
- Tonigan, J.S. (January, 2006). When AA is not enough: Behavior change processes that may predict the escalation to seeking formal alcohol treatment. Eleventh International Conference on Treatment of Addictive Behaviors (ICTAB), Symposium chair, Santa Fe, New Mexico.
- Tonigan, J. S. (November, 2005). AA and 12-step therapy: Mechanisms of action and a conceptual model. NIAAA sponsored conference, Mechanisms of Change Initiative, Bethesda.
- Tonigan, J. S. (November, 2005). Research-based strategies and assessment tools for identifying and assisting substance abusers in faith communities. Enhancing linkages with the drug abuse treatment system: The role of faith leaders, communities, and organizations, NIDA sponsored conference, Bethesda, MA.
- Tonigan, J. S. (September, 2005). Project MATCH: Matching alcohol treatments to client heterogeneity. Presentation at the Wisconsin Bureau of Mental Health and Substance Abuse Services Teleconference Series.
- Tonigan, J.S. (June, 2005). Co-Chair, Pre conference satellite session, The search for mechanisms of change in evidence-based behavioral treatments, Research Society on Alcoholism, Santa Barbara, CA.
- Tonigan, J.S., (June, 2005). Chair, Pre conference satellite session, Second Annual State of the Art Mutual-help Research Conference, Research Society on Alcoholism, Santa Barbara, CA.
- Tonigan, J. S. (June, 2005). Long-term patterns and benefits of self-help: 10-year follow-up of the Project MATCH Albuquerque sample, Accepted symposia to CPDD, Orlando FL.
- Tonigan, J. S. (April, 2005). Examination of the active ingredients of Twelve-step Facilitation (TSF) and Alcoholics Anonymous, Workshop presentation at the Annual ASAM conference, Dallas, TX.
- Tonigan, J. S. (April, 2005). From Spirits to Spirituality. Symposium presentation at the Annual ASAM conference, Dallas, TX.
- Tonigan, J. S. (2004, November). Plenary Speaker. The Nature and Role of Spirituality in Recovery From Addiction: Investigation of Unquestioned Answers. Association for Medical Education and Research on Substance Abuse, Washington, D.C.
- Tonigan, J.S. (2004, September). Amazing Grace? Religion, Spirituality, and Substance Abuse Treatment. National Center on Addictions and Substance Abuse (CASA).
- Tonigan, J.S.(2004, June). Examination of the Active Ingredients of Twelve Step Facilitation & Alcoholics Anonymous, 26th Annual Research Society on Alcoholism, Vancouver, BC.
- Tonigan, J. S. (2004, June) Program organizer, State-of-the-art Mutual Help Research Satellite Session, 26th Annual Research Society on Alcoholism, Vancouver, BC.
- Tonigan, J. S. (2004, May) . Spiritual practices and altruistic love: Two studies of Alcoholics Anonymous members, Fetzer Institute, Washington, DC.
- Tonigan, J. S. (2004, April). Plenary Speaker, Spirituality and Addictions. Texas Research Society on

Alcoholism, Lubbock, TX.

Tonigan, J.S. (2003, November). Alcoholics Anonymous: Involvement and Disaffiliation. 131st Annual meeting of the American Public Health Association, San Francisco, CA.

Tonigan, J. S., (2003, October). Behavioral changes among substance abusers: Investigations of unquestioned answers. Department of Behavioral Science, University of Kentucky, Lexington, Kn.

Tonigan, J.S., (2003, June). Spiritual change as mediator of outcome in MATCH sample, Research Society on Alcoholism, Fort Lauderdale, FL.

Tonigan, J.S. (2003, June) Project MATCH Treatment Engagement and Outcome Among Three Ethnic Groups", 9th Biennial Conference on Community Research and Action. Las Vegas, NM.

Tonigan, J.S. (2003, April). Alcohol Abuse, Dependence, and Spirituality. International Center for the Integration of Health and Spirituality (ICIHS). National Institute of Health, Bethesda, MD.

Tonigan, J.S. (2003, March). Spirituality and AA practices: 10-Year Project MATCH follow-up. Society for Behavioral Medicine, Salt Lake, UT.

Tonigan, J. S, (2002, October). Project MATCH: Main and Interaction Effects. California Society of Addiction Medicine, Los Angeles, CA

Tonigan, J. S. (2002, September). Project MATCH: Ethnic Treatment Participation and Outcome. Health Disparity Workshop, National Institute on Alcohol Abuse and Alcoholism, Bethesda, MD.

Tonigan, J. S. (2001, October). Project MATCH: Twelve step facilitation and AA participation, California Society of Addiction Medicine, Los Angeles, CA

Tonigan, J. S. (2001, September). Mythology and Evidenced-based Knowledge about AA, annual conference, Behavior Change in Addictions, Glasgow, Scotland..

Tonigan, J. S. (2001, September). New Research on Alcoholics Anonymous: Myths and Treatment Implications, annual conference, CASAA State of the Art Conference, Albuquerque, New Mexico.

Tonigan, J. S. (2000, November). Spirituality and AA: Recent findings and implications. Symposium submitted for consideration at the annual AABT conference, Chair: John E. Perez, Yale University.

Tonigan, J. S. (2000, Jan). Structural Equation modeling: Cross-cultural applications. Presented at the Mental Health Mentoring and Education Program Conference, Albuquerque, N.M.

Tonigan, J. S. (1999, June). Adverse Consequences of Alcohol use and measurement of Quality of life. Accepted at the Research Society on Alcoholism annual conference, Santa Barbara, CA.

Tonigan, J. S. (1999, Feb). Spirituality in 12 step programs, presented at the Spirituality and Alcohol Conference sponsored by the Fetzer Institute and the National Institute on Alcoholism and Alcohol Abuse, Washington D.C.

Tonigan, J. S., Miller, W. R., & Toscova, R. T. (1998, June). Does the 12-step approach work? Symposium, Research on Alcoholics Anonymous: Current findings and future directions, accepted at the Research Society on Alcoholism annual conference, Hilton Head, SC.

Tonigan, J. S. (1997, May). Using Twelve-Step Fellowships in Treatment and Case Management. Addressing Addictions in New Mexico: A State-of-the-art Conference for Health Professionals, Albuquerque, New Mexico.

Tonigan, J. S. (1997, April). AA Involvement and treatment outcome: Project MATCH, symposium held at ASAM, San Diego.

Tonigan, J. S., (1996, September). Effects of Alcoholics Anonymous involvement. Accepted symposium presentation at international conference, Addictions 1996, Hilton Head Island, SC.

Tonigan, J. S., (1996). Expert Panel member in the Research Development Conference Series conducted by NIH/Templeton Foundation, Spirituality and Addictions, Leesburg, VA.

Tonigan, J. S. (1995, July). AA and the treatment world, Workshop presentation in symposium, Alcoholics Anonymous at age 60, Kentucky School for Alcohol and Drug Studies, Northern Kentucky University, Kentucky.

Tonigan, J. S., Connors, G. J., & Miller, W. R. (1996, November). Meaning-seeking and differential Twelve Step Facilitation treatment response, Accepted symposium presentation, Project MATCH: Matching results and processes, for AABT in Washington, DC.

Tonigan, J. S. & Toscova, R. (1994, June). Meta-analysis of the Alcoholics Anonymous Literature: A search for moderating variables. Symposium presentation at Research Society on Alcoholism, Meta-Analysis in the Psychological Literature, Maui, HI.

Tonigan, J. S. (1993, June). Statistical dilemmas. Didactic Workshop on Alcohol Treatment Research and Evaluation, National Institute on Alcohol Abuse and Alcoholism, San Antonio, TX.

Tonigan, J. S., Miller, W.R., Connors, G. J., & Montgomery, H. A. (1991). The AA Involvement Questionnaire. Unpublished instrument, University of New Mexico. Center on Alcoholism, Substance Abuse, and Addictions, (CASAA).

Tonigan, J. S., Miller, W. R., Connors, G. J. (1991). The Religious Background and Beliefs Scale (RBB) Unpublished instrument, University of New Mexico, Center on Alcoholism, Substance Abuse, and Addictions, (CASAA).

Tonigan, J. S. & Miller, W. R. (1992, November). The Drinker Inventory of Consequences (DrInC): Development and validation of an instrument for assessing alcohol-related problems. Paper presented at the annual meeting of the Association of Advance Behavior Therapist, Boston, MA.

Tonigan, J. S., (1994, May). Program evaluation: Design and statistical considerations, Program Evaluation Workshop, Albuquerque, New Mexico.

Tonigan, J.S., Miller, W.R., & Vick, D., (2000, June). Psychometric properties and stability of the General Alcoholics Anonymous Tools of Recovery (GAATOR, 2.1), Poster prepared for the annual conference, Research Society on Alcoholism, Denver, CO

Philip A. May, PhD, J. Phillip Gossage, PhD, and J. Scott Tonigan, PhD. Analysis of Alcohol Consumption Patterns (Abstainers, Occasional, Regular, and Heavy Drinkers) and Alcohol-Related

Problems Within Four American Indian Communities. 128th Annual meeting of APHA. Albuquerque, NM 87106

Westerberg, V. S., Tonigan, J. S., & Miller, W. R. (1993, January). The topography of relapse: Mapping the contours in an alcohol dependent clinical sample. Paper presented at the annual meeting of the International Conference on Treatment of Addictive Behaviors (ICTAB-6) in Santa Fe, NM.

Westerberg, V. S., Miller, W. R., Harris, R., & Tonigan, J. S. (May, 1995). What is a relapse? In C. Lowman (Chair), Precipitants of relapse: Assessing the paradigm. Symposium at the Seventh International Conference on Treatment of Addictive Behavior, Leeuwenhorst Center, The Netherlands.

Westerberg, V. S., Miller, W. R., & Tonigan, J. S. (November, 1995). Prospective prediction of relapse: Alternative models. Presented at AABT symposium, Assessing Alternative Approaches to Predicting Relapse (AABT, Washington, D.C.)

Wilde, J., Gordon, W., & Tonigan, J. S. (1988, April). Survey research: Why respond? Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.

Yahne, C.E., Tonigan, J.S., & Miller, W.R. (2000, June). Motivational interviewing with outpatient cocaine-abusing adults, Presentation at the 62nd Annual scientific meeting of The College on Problems of Drug Dependence. San Juan, Puerto Rico.

TECHNICAL REPORTS

- 1999 Test-retest Study of the Brief Measure of Religiousness and Spirituality (BMRS): Treatment-seeking Substance Users. John E. Fetzer Institute (1999).
- 1990 Outcome evaluation of a cross cultural primary prevention traffic safety program
- 1991 Institute of Public Law, School of Law, University of New Mexico. Funded by United States Department of Transportation, # DTNH - 89-Z - 15162.
- 1989 Navajo K-12 student enrollment projections and facility planning, co-author. Prepared for the Ganado Unified School District No. 20, Ganado, AZ. Performed data analyze and graphics design.
- 1987 Program approval submission to State Department of Education, prepared by the Department of Educational Administration, University of New Mexico. Perform data analyses of faculty and graduate student ratings of the curriculum.
- 1987 School and Community survey results: Jicarilla Apache Indian Reservation and the Dulce Public School District, sole author. Prepared for Lester Sandoval, Ph.D..Survey instrument construction, data analyses and final report.
- 1986 Jicarilla Apache Department of Education community library needs assessment, sole author. Prepared for Lester Sandoval , Ph.D..Survey instrument construction, data analyses, and final report.
- 1986 Educational specifications Chinle High School, co-author. Prepared for the Chinle Public School Board, Chinle, AZ. Design specifications for microcomputer learning center.

- 1985 Educational needs assessment survey for the relocation of St. Pius X High School Task Force, co-author, Albuquerque, New Mexico. Survey research and specifications for microcomputer learning center.
- 1984 Population estimates and projections of New Mexico's developmentally disabled for the years 1980-2000, co-author. Prepared for the Disabilities Planning Council, Santa Fe, New Mexico. Demographic projections for the New Mexico State Legislature Advisory Council.
- 1982 Educational Planning and management project: Unified School District No. 352, co-author. Prepared student enrollment projections for grades K-12.
- 1980 Kirtland petition study: Central Consolidated School District, co-author. Prepared for the Central Consolidated School Board, Shiprock, New Mexico. Assessed impact of proposed division of school district on Navajo students.
- 1992 Miller, W.R.; Meyers, R.J.; Tonigan, J.S.; Hester, R.K. *"Effectiveness of the community reinforcement approach: Final progress report to the National Institute on Alcohol Abuse and Alcoholism"* Albuquerque, NM: University of New Mexico, Center on Alcoholism, Substance Abuse, and Addictions, 1992. 56 p (122105)