

---

Center Director / Senior Research Scientist II  
Pacific Institute for Research and Evaluation  
Calverton, MD, 20705

## Education

2002 Ph.D., Social Psychology, University of Maryland, College Park, MD  
1998 M.A., Social Psychology, University of Maryland, College Park, MD  
1991 B.A., Psychology, The American University, Washington, DC

## Employment

1998 – pres. Center Director and Senior Research Scientist II  
Pacific Institute for Research and Evaluation, Calverton, MD  
[Previous titles: *research assistant, research associate, associate research scientist, research scientist*]

- Assumes Full Time (40 hrs/week) since 2002

2009 – 2014 Adjunct Lecturer (co-instructor)  
Special Topics in Health: Impaired Driving Research [Health 688]  
School of Public Health  
University of Maryland, College Park, MD

2002 – 2010 Adjunct Lecturer  
Introduction to Statistics [Psychology 200]  
University of Maryland, College Park, MD

2004 – 2007 Team Mentor  
Gemstone Undergraduate Honors Program (team-based research)  
“Relating Objective Measures of Student Drinking to Alcohol Related Problems”  
University of Maryland, College Park, MD

## General Research Experience

I have 25+ years designing, implementing and disseminating rigorous social scientific research across a variety of content areas and using an eclectic array of methodologies. I've conducted well over 50 studies throughout my graduate and professional career. I am trained in experimental/laboratory behavioral methodologies, with emphasis on testing theory and underlying constructs. But my experience with experimental/causal designs extends to larger RCTs, including evaluations of community-level interventions, as well as to quasi-experimental studies examining policies, procedures and demographic features. I have specialized experience in developing and conducting novel *field experiments*, designed to promote high ecological validity, where experiment units are sampled in the field and randomly assigned to experimental conditions. On top of this I have considerable epidemiological research experience as well and have analyzed numerous large national social science databases (NSDUH, NSCH, BRFSS, FARS) as well as conducted analytic studies of numerous other observational studies.

## External Research Funding

I have considerable experience developing and implementing independent research projects across various health topics and methodologies. Below is a list of external grant and contract funding I have received for which I have served as the *Principal Investigator* or *co-Investigator*. All projects were completed on time and within budget.

Translating Drinking and Driving Risk Information into Risk Perception (NIH, R01 AA020510), \$1,352,398, August 2012 through June 2017. Role: Principal Investigator / Senior Statistician

Prevention of Young Adult Drug Use in Club Settings (NIH, R01 DA018770) (2<sup>nd</sup> Competing Renewal), May 2005 through April 2020, Role: co-Investigator / Senior Statistician

IVDIRM: A New Methodology for Examining Drug- and Alcohol-Impaired Driving (NIH, R01 DA034616), \$1,066,462, Role: Principal Investigator / Senior Statistician

A Community-based ZT Program: Completing the Model of MLDA Enforcement (NIH, R01 AA017186), \$3,374,610, September 2009 through June 2015. Role: Principal Investigator / Senior Statistician

Testing Alcohol Prevention Strategies using High-validity Field Experiments (NIH, R21 AA018766), \$424,803, July 2010 through June 2013. Role: Principal Investigator / Senior Statistician

Drinking Patterns at Clubs: Using Oral Assays and Portal Methodology (NIH, RC1 AA019110, September 2009 through August 2012, Role: co-Investigator / Senior Statistician

Evaluation of NHTSA's 2008 and 2009 Alcohol-Impaired Driving Crackdowns (NHTSA, DTNH22-06-D-00035), \$204,569, June 2008 – October 2010. Role: Principal Investigator / Senior Statistician

Demonstration Projects to Evaluate Countermeasures to Traffic System Problems Caused by Distracted, Inattentive or Fatigued Drivers (NHTSA, DTNH22-06-D-00035), \$611,465, September 2007 through November 2010. Role: Principal Investigator

Moderating Social Norms Interventions: Field Experiment (NIH, R01 AA015716), \$952,814, May 2007 through March 2011. Role: Principal Investigator / Senior Statistician

ARRA Administrative Supplement to the above, \$127,747, (August 2009)

Determine the Effectiveness of Implementing a Sustained Comprehensive Communication Component to DUI Enforcement (NHTSA, DTNH22-06-D-00035), \$178,418, September 2006 – August 2009. Role: Principal Investigator

Evaluation of a High Intensity Social Norms Safety Belt Campaign for Teens (NHTSA, DTNH22-05-D-25043), \$165,856, September 2005 through December 2008. Role: Principal Investigator / Senior Statistician

Guardian Angel Alcohol Test: The Devil is in the Details (NIH, R01 AA014355), \$421,436, September 2004 through August 2007. Role: Principal Investigator / Senior Statistician

Motivation and Information: Altering Drinkers' Behavior (NIH, R21 AA014633), \$335,089, July 2004 through June 2007. Role: Principal Investigator / Senior Statistician

## **Research Administration and Evaluation**

I have experience, in multiple capacities, with the evaluation and administration of research, which is directly applicable to the position in question.

First, under 3-year contract with the National Highway Traffic Safety Administration (DTNH22-06-D-00035), I developed and disseminated a solicitation to attract bidders for research projects in support of NHTSA's goals. I collated and organization applications received, participated in the reviews of those applications, and served as program manager of the three awards granted, through their completion.

Second, at PIRE, I served as Chair of the Corporate Development (CDEV) committee, which was tasked with distributing internal funding to support proposal writing and pilot projects. This involved a thorough review and critique of funding applications, obtaining and integrating opinions from the committee members, solicited responses to questions from applicants, and managing our internal budget. Also, in this capacity I conducted a return-on-investment analysis on several years of CDEV applications.

Third, as Center Director of the PIRE's Washington, D.C. area office, I help shape the direction research our scientific staff pursuit. This involves contributing to the development of grant and contract research applications from other staff, providing quality control, and coordinating resources. I drive our Center's Business Development meetings and facilitate the evolution of research ideas into quality applications, focusing specifically on junior staff.

Fourth, for almost 10 years I have served as an associated editor of *Addiction*, one of the highest impact journals focusing on substance use and misuse. In this capacity I personally critique number manuscripts, identify and recruit qualified reviewers, integrate and synthesize comments across reviewers, and make recommendations to senior editorial staff.

Fifth, I have served as a reviewer for NIH grant application on numerous occasions, sitting in on the AA-3 study section (NIAAA) on multiple occasions, reviewing a P50 Center application,

serving on a special emphasis panel, reviewing applications for NIA RFA, and reviewing for several rounds of COVID-related grant applications.

Sixth, I have served as member of the Institutional Review Board at PIRE for nearly 20 years. While the focus of IRB reviews concern compliance with human protection protocols, attention to the scientific merit of the research also is essential, as the science is what drives the potential benefit of the research and might justify any costs to human subjects participants.

## **Education and Experience as a Data Analyst**

As demonstrated on my Transcript, I have completed **30 graduate credits** in coursework with 100% focus on mathematical or applied statistics. From the Department of Psychology, the coursework included Quantitative Methods I and II, Multivariate Analysis I and II, Multivariate Methods, Psychometric Theory (Seminar) and Mathematical Model (Seminar) [PSYC601, 602, 701, 702, 708, 709, 744]. From the Department of Measurement and Statistics, I completed courses on Structural Equation Modeling, Multivariate Experimental Design, and Factor Analysis [EDMS 657, 772, 771].

I was originally hired by the Pacific Institute for Research and Evaluation as a data analyst/statistician. I have served as the senior statistician on over 24 Federal and State funded research projects, plus numerous additional projects, and was the senior statistician on over 50 peer reviewed papers and government reports. I taught statistics at the University of Maryland in an adjunct capacity for many years and authored by own statistics textbook.

## **Publications**

### **Refereed Journal Publications and Proceedings**

Miller, T., **Johnson, M. B.**, Dziura, J., et al., (under review). Cost-Effectiveness of Alternative Smoking Cessation Approaches in an Emergency Department Setting.

**Johnson, M. B.** (under review). Does knowing where drinking drivers crash help explain why they crash? *PlosOne*.

**Johnson, M.B.**, McKnight, A. S., Taylor, E., & Mechtler, L. (under review). The effects of  $\beta$ -myrcene on simulated driving and divided attention: A double-blind, placebo-controlled, crossover pilot study. *Cannabis*.

Kopetz, C., Starnes, W., Woerner, J. I., Leander, N. P., **Johnson, M. B.** (under review). Risk taking as strategic goal pursuit. *Psychological Review*.

**Johnson, M. B.**, Mechtler, L., Ali, B., Swedler, D., & Kelley-Baker, T. (2021). Cannabis and crash risk among older drivers. *Accident Analysis & Prevention*, 152, 105987.  
<https://doi.org/10.1016/j.aap.2021.105987>

Starnes, W., Kopetz, C. & **Johnson, M.** (2021). For better and for worse: The role of negative affect in decisions to drink and drive. *Motivation and Emotion*, 45, 354–367.  
<https://doi.org/10.1007/s11031-021-09876-4>

**Johnson, M. B.** (2019). A feasibility test of the In Vivo Driving Impairment Research Method: Examining cannabinoid concentrations as predictors of risky driving. *Cannabis*, 2(2), 144-50. <https://doi.org/10.26828/cannabis.2019.02.004>

Byrnes, H., Miller, B. A., Bourdeau, B., **Johnson, M. B.**, Buller, D. B., Berteletti, J., & Rogers, V. (2019). Prevention of alcohol and other drug overuse among nightclub patrons: A

- randomized trial of a group-based mobile intervention at nightclubs. *Journal of Studies on Alcohol and Drugs*, 80(4), 423-430. <https://doi.org/10.15288/jsad.2019.80.423>
- Byrnes, H. F., Miller, B. A., Bourdeau, B., & **Johnson, M. B.** (2019). Impact of group cohesion among drinking groups at nightclubs on risk from alcohol and other drug use. *Journal of Drug Issues*, 49(4), 668-679. <https://doi.org/10.1177/0022042619859257>
- Johnson, M.B.**, (2018). Correlates of cannabinoid concentrations, real-world driving, and driving-related skills. BioRx preprint server 387936; doi: <https://doi.org/10.1101/387936>
- Johnson, M. B.**, & Kopetz, C. E. (2017). The unintended effects of providing risk information about drinking and driving, *Health Psychology*, 36(9), 872-880. PMID: PMC5591027
- Bourdeau, B., Miller, B., Voas, R., **Johnson, M. B.**, Byrnes, H. (2017). Social drinking groups and risk experience in nightclubs: latent class analysis, *Health, Risk & Society*, 19(5-6), 316-335.
- Johnson, M. B.** (2016). Are we using the right model of cannabis tolerance? *Journal of Studies on Alcohol and Drugs*, 77(6), 992-993.
- Johnson, M. B.** (2016). A successful high-visibility enforcement intervention targeting underage drinking drivers. *Addiction*, 111(7), 1196-202.
- Yao, J., **Johnson, M. B.** & Tippetts, S. (2016). Enforcement uniquely predicts reductions in alcohol-impaired crash fatalities. *Addiction*, 111(3), 448-5
- Johnson M. B.**, Voas, R., Miller, B. A., Byrnes, H., & Bourdeau, B. (2016). Night club patrons who feel safe will return: Evidence to encourage management to address club violence. *Journal of Safety Research*, 56, 29-32.
- Johnson, M. B.**, Voas, R., Miller, B., Bourdeau, B., & Byrnes, H. (2015). Clubbing with familiar social groups: Relaxed vigilance and implications for risk. *Journal of Studies on Alcohol and Drugs*, 76(6), 924-7.
- Bourdeau, B., Miller, B. A., **Johnson, M. B.**, & Voas, R. B. (2015). *Method of transportation and drinking among club patrons. Transportation Research, Part F, Traffic psychology and behavior*, 32, 11-22.
- Pollini, R., Romano, E., **Johnson, M. B.**, Lacey, J. (2015). The Impact of Marijuana Decriminalization on California Drivers. *Drug and Alcohol Dependence*, 150, 135-140.
- Miller, B., Bourdeau, B., **Johnson, M. B.**, & Voas, R. B. (2015, in press). Experiencing aggression in clubs: social group and individual level predictors. *Prevention Science*, 16(4), 527-37
- Byrnes, H.F., Miller, B.A., **Johnson, M.**, & Voas, R. (2014). Indicators of club management practices and biological measurements of patrons' drug and alcohol use, *Substance Use and Misuse*, 49(14), 1878-87.
- Brooks, A., **Johnson, M.B.**, & Kelley-Baker, T. (2013). Adapting the SafeNights intervention for college campuses, *American Journal of Health Studies*, 28(3), 101-105.
- Jones, P.R., Taylor, D.M., Dampeer-Moore, J., Van Allen, K.L., Saunders, D., Snowden, C.B., & **Johnson, M.B.** (2013). Health-related stereotype threat predicts health services delays among Blacks. *Race and Social Problems*, 5(2), 121-136.

- Miller, B.A., Byrnes, H.F., Branner, A., **Johnson, M.**, & Voas, R. (2013). Group influences on individual's drinking and drug use at clubs. *Journal of Studies on Alcohol and Drugs*, 74(2), 280-287.
- Miller, B.A., Byrnes, H.F., Branner, A., Voas, R. & **Johnson, M.** (2013). Assessment of alcohol and drug use among club patrons: The use of biological markers. *American Journal of Preventive Medicine*, 45(5), 637-43.
- Voas, R.B., **Johnson, M. B.**, Miller, B. A. (2013). Alcohol and Drug Use Among Young Adults Driving to a Drinking Location. *Journal of Drug and Alcohol Dependence*, 132(1-2), 69-73.
- Yao, J., **Johnson, M. B.**, & Beck, K. (2013, in press). Predicting DUI Decisions in Different Legal Environments: Investigating Deterrence with a Conjoint Experiment, *Traffic Injury Prevention*, 15(3), 213-21.
- Johnson, M. B.** (2012). Experimental test of social norms theory in a real world drinking environment. *Journal of Studies on Alcohol and Drugs*, 73, 851-859.
- Johnson, M.B.**, Voas, Robert B., & Miller, Brenda A. (2012). Driving decisions when leaving electronic music dance events: Driver, passenger, and group effects. *Traffic Injury Prevention*, 13(6), 577-584. doi: 10.1080/15389588.2012.678954
- Johnson, M.B.**, Kelley-Baker, T., Voas, R.B., & Lacey, John H. (2012). The prevalence of cannabis-involved driving in California. *Drug and Alcohol Dependence*, 123(1-3), 105-109.
- Johnson, M.B.** (2012). The effects of BAC estimation tools on drinking behavior and perceptions of impairment and driving risk *Midyear meeting & workshop of the TRB Alcohol, Other Drugs and Transportation Committee—Young impaired drivers: The nature of the problem and possible solutions*. Woods Hole, MA: Transportation Research Circular.
- Johnson, M. B.**, & Clapp, J. D. (2011). The impact of providing drinkers with "Know Your Limit" information on drinking and driving: A field experiment. *Journal of Studies on Alcohol and Drugs*, 72(1), 79-85.
- Kelley-Baker, T., **Johnson, M. B.**, Romano, E., Mumford, E. A., & Miller, B. A. (2011). Preventing victimization among young women: The SafeNights intervention. *American Journal of Health Studies*, 26(4), 185-195.
- Johnson, M. B.**, & McKnight, A. S. (2009). Warning drivers about potential congestion as a means to reduce frustration-driven aggressive driving. *Traffic Injury Prevention*, 10(4), 354-360.
- Johnson, M. B.**, Voas, R. A., Miller, B. A., & Holder, H. D. (2009). Predicting drug use at electronic music dance events: Self-reports and biological measurement. *Evaluation Review*, 33(3), 211-225.
- Miller, B. A., Furr-Holden, C. D., **Johnson, M. B.**, Voas, R. A., Holder, H. D., & Keagy, C. (2009). Biological markers of drug use in club settings. *Journal of Studies on Alcohol and Drugs*, 70(2), 261-268.
- Clapp, J. D., **Johnson, M. B.**, Shillington, A. M., & Voas, R. B. (2008). Blood alcohol concentrations of college students in field settings: Seasonal, temporal, and contextual patterns. *Journal of Studies on Alcohol and Drugs*, 69(2), 323-331.

- Johnson, M. B.**, Voas, R. B., Kelley-Baker, T., & Furr-Holden, C. D. (2008). The consequences of providing drinkers with blood alcohol concentration information on assessments of alcohol impairment and drunk-driving risk. *Journal of Studies on Alcohol and Drugs*, 69(4), 539-549.
- Kelley-Baker, T., Mumford, E.A., Vishnuvajjala, R., Voas, R.B., Romano, E., & **Johnson, M.** (2008). A night in Tijuana: Female victimization in a high-risk environment. *Journal of Alcohol and Drug Education*, 52, 46-71.
- Voas, R. B., **Johnson, M. B.**, Turrissi, R. J., Taylor, D., Honts, C. R., & Nelsen, L. (2008). Bringing alcohol on campus to raise money: Impact on student drinking and drinking problems. *Addiction*, 103, 940-950.
- Kelley-Baker, T., Voas, R. B., **Johnson, M. B.**, Furr-Holden, C. D. M., & Compton, C. (2007). Multimethod measurement of high-risk drinking locations: Extending the portal survey method with follow-up telephone interviews. *Evaluation Review*, 31(5), 490-507.
- Johnson, M. B.**, Lange, J., Voas, R. B., Clapp, J. D., Lauer, E., & Snowden, C. B. (2006). The sidewalk survey: A field methodology to measure late-night college drinking. *Evaluation Review*, 30(1), 27-43.
- Hill, C. E., Crook-Lyon, R. E., Hess, S. A., Goates-Jones, M., Roffman, M., Stahl, J. S., Sim, W., & **Johnson, M. B.** (2006). Prediction of the session process and outcome in the Hill Dream Model: Contributors of client characteristics and the process of the three stages. *Dreaming*, 16, 159-185.
- Lange, J. E., **Johnson, M. B.**, & Reed, M. B. (2006). Drivers within natural drinking groups: An exploration of role selection, motivation, and group influence on driver sobriety. *American Journal of Drug and Alcohol Abuse*, 32, 261-274.
- Lange, J. E., Reed, M. B., **Johnson, M. B.**, & Voas, R. B. (2006). The efficacy of experimental interventions designed to reduce drinking among designated drivers. *Journal of Studies on Alcohol*, 67, 261-268.
- Sigall, H., **Johnson, M.B.**, & Lozier, S. (2006). The relationship between facial contact with a pillow and mood. *Journal of Applied Psychology*, 36, 505-526.
- Taylor, D. M., Johnson, M. B., Voas, R. B., & Turrissi, R. (2006). Demographic and academic trends in drinking patterns and alcohol-related problems on dry college campuses. *Journal of Alcohol & Drug Education*, 1, 35-54.
- Voas, R. B., Furr-Holden, C. D. M., Lauer, E., Bright, C., **Johnson, M. B.**, & Miller, B. (2006). Portal surveys of timeout drinking locations: A tool for studying binge drinking and AOD use. *Evaluation Review*, 30(1), 44-65.
- Clapp, J. D., **Johnson, M.**, Voas, R. B., & Lange, J. E. (2005). Reducing DUI among college students: Results of an environmental prevention trial. *Addiction*, 100(3), 327-334.
- Lange, J. E., **Johnson, M. B.**, & Voas, R. B. (2005). Testing the racial profiling hypothesis for seemingly disparate traffic stops on the New Jersey Turnpike. *Justice Quarterly*, 22(2), 193-223.
- Johnson, M. B.**, Voas, R. B., Lacey, J. H., McKnight, A. S., & Lange, J. (2004). Living dangerously: Driver distraction at high speed. *Traffic Injury Prevention*, 5(1), 1-7.

- Johnson, M. B., & Voas, R. B.** (2004). Potential risks of providing drinking drivers with BAC information. *Traffic Injury Prevention, 5*(1), 42-49.
- Clapp, J. D., Lange, J., Min, J. W., Shillington, A., **Johnson, M. B., & Voas, R.** (2003). Two studies examining environmental predictors of heavy drinking by college students. *Prevention Science, 4*(2), 99-108.
- Clapp, J.D., Lange, J.E., Min, J.W., **Johnson, M.,** Shillington, A.M., & Voas, R.B. (2002). Environmental predictors of heavy episodic drinking among college students: A preliminary validation study. In Daniel R. Mayhew & Claude Dessault (Eds.), *Proceedings of Alcohol, Drugs & Traffic Safety - T 2002: 16th International Conference on Alcohol, Drugs & Traffic Safety, August 4-9, 2002* (Vol. 3, pp. 1033-1039). Montreal, Canada: Société de l'assurance automobile du Québec.
- Johnson, M.,** Lange, J.E., & Kelley Baker, T. (2002). Driver resistance. In Daniel R. Mayhew & Claude Dessault (Eds.), *Proceedings of Alcohol, Drugs & Traffic Safety - T 2002: 16th International Conference on Alcohol, Drugs & Traffic Safety, August 4-9, 2002* (Vol. 3, pp. 261-265). Montreal, Canada: Société de l'assurance automobile du Québec
- Lacey, J., Falb, T., Kelley Baker, T., Voas, R.B., **Johnson, M.B., & Lange, J.E.** (2002, December). Group composition, driver gender, and alcohol consumption. In Daniel R. Mayhew & Claude Dessault (Eds.), *Proceedings of Alcohol, Drugs & Traffic Safety - T 2002: 16th International Conference on Alcohol, Drugs & Traffic Safety, August 4-9, 2002*. Montreal, Canada: Société de l'assurance automobile du Québec.
- Lange, J.E., Falb, T., & **Johnson, M. B.** (2002). Experimental testing of the designated driver concept. In D.R. Mayhew & C. Dussault (Eds.), *Proceedings of Alcohol, Drugs & Traffic Safety - T 2002: 16th International Conference on Alcohol, Drugs & Traffic Safety, August 4-9, 2002* (Vol. 3, pp. 803-808). Montreal, Canada: Société de l'assurance automobile du Québec.
- Voas, R.B., & **Johnson, M.B.** (2002). The impact of 9/11 border security on youthful cross-border drinking. In D.R. Mayhew & C. Dussault (Eds.), *Proceedings of Alcohol, Drugs & Traffic Safety - T 2002: 16th International Conference on Alcohol, Drugs & Traffic Safety, August 4-9, 2002* (Vol. 3, pp. 1019-1027). Montreal, Canada: Société de l'assurance automobile du Québec.
- Voas, R. B., Tippetts, A. S., **Johnson, M. B.,** Lange, J. E., & Baker, J. (2002). Operation Safe Crossing: Using science within a community intervention, *Addiction, 97*(9), 1205-1214.
- Voas, R. B., Lange, J. E., & **Johnson, M. B.** (2002). Reducing high-risk drinking by young Americans south of the border: The impact of a partial ban on sales of alcohol. *Journal of Studies on Alcohol, 63*(3), 286-292. PMID: 12086129
- Voas, R. B., **Johnson, M. B., & Lange, J. E.** (2002). Permission to cross the border: Effective policy reduces high-risk drinking by marines. *Journal of Studies on Alcohol, 63*(6), 645-648. PMID: 12529063
- Lange, J. E., Voas, R. B., & **Johnson, M. B.** (2002). South of the border: a legal haven for underage drinking. *Addiction, 97*(9), 1195-1203.



- Lange, J. E., Clapp, J. D., Turrisi, R., Taki, R., Jaccard, J., **Johnson, M. B.**, Voas, R. B., & Larimer, M. (2002). College binge drinking: What is it? Who does it? *Alcoholism: Clinical and Experimental Research*, 26(5), 723-730. MS # 1442-0202RR PMID: 12045482
- Johnson, M. B.**, Lange, J. E., & Voas, R. B. (2001). Driver's resistance to drinking (Abstract No. 216). *Alcoholism: Clinical and Experimental Research*, 25(5 Suppl), 43A.
- Kelley-Baker, T., **Johnson, M. B.**, Voas, R. B., & Lange, J. E. (2000). To reduce youthful binge drinking: Call an election in Mexico. *Journal of Safety Research*, 31(2), 61-69.
- Johnson, M.**, Lange, J.E., & Voas, R.B. (2000). Mexican policy changes' effects on U.S. cross-border binge drinking. In H. Laurell & F. Schlyter (Eds.), *Alcohol, Drugs and Traffic Safety - T 2000: Proceedings of the 15th International Conference on Alcohol, Drugs and Traffic Safety, May 22-26, 2000* (Vol. 1). Stockholm, Sweden.
- Lange, J.E., & **Johnson, M.B.** (2000). Only sometimes do the best-laid plans go awry: Investigating the relationship between drinking intentions and drinking behavior. In H. Laurell & F. Schlyter (Eds.), *Alcohol, Drugs and Traffic Safety - T 2000: Proceedings of the 15th International Conference on Alcohol, Drugs and Traffic Safety, May 22-26, 2000* (Vol. 1, pp. 172-178). Stockholm, Sweden.
- Voas, R.B., Lange, J.E., Tippetts, A.S., & **Johnson, M.B.** (2000). Operation Safe Crossing: Using science within a community intervention. In H. Laurell & F. Schlyter (Eds.), *Alcohol, Drugs and Traffic Safety - T 2000: Proceedings of the 15th International Conference on Alcohol, Drugs and Traffic Safety, May 22-26, 2000* (Vol. 3, pp. 888-894). Stockholm, Sweden.
- Sigall, H., & **Johnson, M.** (1998). The relationship between political preference and judgments of President Clinton's integrity depends on cognitive complexity. *Journal of Applied Social Psychology*, 28, 1465-1476

## Government Reports

- Johnson, M. B.**, & Watson, D. (2010). Evaluation of NHTSA's 2008 and 2009 Alcohol Impaired Driving Crackdowns (DTNH22-99-D-00035). Washington, DC: National Highway Traffic Safety Administration.
- Johnson, M. B.**, Tippetts, S., & Vishnuvajjala, R., (2009). Develop an Impaired-Driving High-Visibility Enforcement Model. (DTNH22-06-D-00035). Washington, DC: National Highway Traffic Safety Administration.
- Johnson, M. B.**, & Wiliszowski, C., (February 2008). Evaluation of a High Intensity Social Norms Safety Belt Campaign for Teens. (DTNH22-05-D-25043). Washington, DC: National Highway Traffic Safety Administration.
- Johnson, M. B.**, Langston, E., Lacey, J. H., Shinar, D., Voas, R. B., McKnight, A. S., Hernandez, I., Cotton, R., & Jordan, D. (February 2005). Studying Instrumental Aggressive Driving: Observational and Experimental Approaches. (DTNH22-99-35099). Washington, DC: National Highway Traffic Safety Administration.

- Johnson, M. B.**, Lacey, J. H., & Voas, R. B. (April 2005). New Jersey Turnpike Safety Belt Use as a Function of Age, Gender, Ethnicity and Speed. (DTNH22-98-35079). Washington, DC: National Highway Traffic Safety Administration.
- Johnson, M. B.**, Voas, R. B., Lacey, J. H., & McKnight, A. S. (August 2005). Observable Driver Distractions on the New Jersey Turnpike. (DTNH22-98-D-35079). Washington, DC: National Highway Traffic Safety Administration.
- Johnson, M.B.**, Voas, R.B., Lacey, J.H., & McKnight, A.S. (2004). Use of Handheld Cell Phones While Driving at Highway Speeds: Supplement to "Observable Driver Distractions on the New Jersey Turnpike". (Draft Final Report). Washington, DC: National Highway Traffic Safety Administration.
- Lange, J.E., Blackman, K.O., & **Johnson, M.B.** (2001). Speed violation survey of the New Jersey Turnpike: Final Report. NJ: Office of the New Jersey Attorney General.

### **Books Authored**

- Johnson, M. B.** (2006). *Fundamentals of Statistics for the Social Sciences*. (1st ed.). Dubuque, IA: Kendall/Hunt Publishing Company.

### **Conference Presentations and Posters**

- Johnson, M. B.** & Brooks, A. A high visibility enforcement intervention to prevent underage drinking and driving [poster]. 37<sup>th</sup> Annual Research Society on Alcoholism Scientific Meeting. Seattle, WA. Research Society on Alcoholism; 2014.
- Johnson, M. B.**, Kopetz., C., & Carr. M. Drunk driving as motivated cognition and action [poster]. 37<sup>th</sup> Annual Research Society on Alcoholism Scientific Meeting. Seattle, WA. Research Society on Alcoholism; 2014.
- Voas, R.B., **Johnson, M.B.**, & Miller, B.A. Young adult driving decisions: Appropriate for alcohol but not for drugs [poster]. 36th Annual Research Society on Alcoholism Scientific Meeting. Vol June 22 to 26, 2013. Orlando, FL: Research Society on Alcoholism; 2013.
- Johnson, M.B.**, & Todaro A.D. Alcohol experiments in the field: The high ecological survey of risky behavior. 35th Annual RSA Scientific Meeting. San Francisco, CA; 2012.
- Johnson, M.B.**, Voas, R.B., & Miller B. Young adult risky behaviors: Riding and driving after drinking in clubs. Society for Prevention Research 20th Annual Meeting Washington, DC; 2012.
- Miller, B.A., Byrnes H., **Johnson M.B.**, et al. The influence of the group on club patron's alcohol and drug use: Indicators for designing intervention. . Society for Prevention Research 20th Annual Meeting Washington, DC; 2012.
- Johnson, M.B.** A Field Experiment on the Effect of Norms Correction on Alcohol Consumption. The Tri-Annual Meeting of the International Council on Alcohol, Drugs and Traffic Safety. Oslo, Norway: International Council on Alcohol, Drugs and Traffic Safety; 2010.
- Kelley-Baker T., Cobb P., Compton C., et al. Young Women, Alcohol and Other Drugs, and Victimization: Assessing Personal Behaviors, Group Characteristics, and the Environment to Increase Safety. SPR 15th Annual Meeting "Advancing Science-Based Prevention: Creating Real World Solutions". Washington, DC: Society for Prevention Research; 2007.

- Johnson, M.B.**, Lange J.E., Voas R.B., et al. The sidewalk survey: A method for collecting drinking measures on college campuses. 13th Society of Prevention Research Annual Meeting. Washington, DC; 2005.
- Voas, R.B., Furr-Holden, C.D.M., Lauer E., et al. Portal surveys of time-out drinking locations: A tool for studying binge drinking and AOD use. 13th Annual Meeting of the Society for Prevention Research. Washington, DC; 2005.
- Taylor, D.M., **Johnson, M.B.**, Voas, R.B., et al. The kiosk technique for surveying college drinking. Society for Preventative Research 13th Annual Meeting. Washington, DC; 2005.
- Turrisi, R.J., **Johnson, M.B.**, Taylor, D.M., et al. Campus in transition: Change in student drinking as a "dry" campus becomes "wet". Paper presented at: 13th Society of Prevention Research Annual Meeting, 2005; Washington, DC.
- Johnson, M.B., Turrisi, R, Voas R, et al. Taking the pulse of campus drinking: Advances in low-cost methods for collecting data on alcohol consumption. Paper presented at: 18th Annual National Meeting on Alcohol and Other Drug Abuse and Violence Prevention in Higher Education; October 16-19, 2004; Arlington, VA.
- Johnson, M.B.** The Guardian Angel personal breath test: A pilot study on field usability and consequences for driving after drinking. Society for Prevention Research 11th Annual Meeting. Washington, DC; 2003.
- Johnson, M.B.**, Voas, R.B., & Lange, J.E. Characteristics and motivations of U.S. residents who cross into Mexico to drink. Paper presented at: 10th Annual Meeting of the Society for Prevention Research; May 29-June 1, 2002; Seattle, WA.
- Johnson, M.B.**, Lange, J.E., & Kelley Baker T. Driver resistance. Paper presented at: Proceedings of Alcohol, Drugs & Traffic Safety - T 2002: 16th International Conference on Alcohol, Drugs & Traffic Safety, August 4-9, 2002, 2002; Montreal, Canada.
- Kelley Baker, T, & **Johnson, M.B.** Group drinking and driver gender. Paper presented at: 10th Annual Scientific Meeting of the Research Society on Alcoholism (RSA); July 2, 2002; San Francisco, CA.
- Lacey, J., Falb, T., Kelley Baker, T., et al. Group composition, driver gender, and alcohol consumption. Paper presented at: Proceedings of Alcohol, Drugs & Traffic Safety - T 2002: 16th International Conference on Alcohol, Drugs & Traffic Safety, August 4-9, 2002; December 2002; Montreal, Canada.
- Turrisi, R., Nelson, L., Honts, C., et al. Examination of perceptions of serving alcohol on a university campus. 25th Annual Scientific Meeting of the Research Society on Alcoholism. San Francisco: Research Society on Alcoholism; 2002.
- Johnson, M.B.**, Voas, R.B., Lange, J.E. Motivations of binge drinkers. Paper presented at: 2001 Scientific Meeting of the Research Society on Alcoholism; June 22-28, 2001; Montreal, Quebec, Canada.
- Voas, R.B., **Johnson, M.B.**, Lange, J.E., et al. Changes in the perception and behavior of cross-border drinkers following the events of September 11, 2001. Paper presented at: 10th Annual Meeting of the Society for Prevention Research; May 29-June 1, 2002; Seattle, WA.

**Johnson, M.B.,** Lange, J.E., & Voas, R.B. Mexican policy changes' effects on U.S. cross-border binge drinking. Paper presented at: American Medical Association's Alcohol Policy XII Meeting, 2000; Chicago, IL.

## **PROFESSIONAL SERVICE**

### **Editorial**

2012-present Assistant Editor, *Addiction*

2002-present ad hoc reviewer: *Journal of Studies on Alcohol and Other Drugs; Traffic Injury Prevention; Substance Abuse, Treatment; Prevention and Policy, Drug and Alcohol Dependence; Neuroscience Letters; PLOS One*

### **Intra-Organizational** (Pacific Institute for Research and Evaluation)

2015-present Center Director, Calverton Center

2012-2015 Chair, Corporate Development committee (allocates internal funding)

2002-present member, Institutional Review Board

### **Extra-Organizational** (outside of PIRE)

2005-present Member, *Data and Safety Monitoring Board*. Served as a Statistical Expert for multiple NIH grants awarded to the Friends Research Institute, Baltimore, MD, dealing largely with treatment for opioid dependence treatment in prison populations.

### **Association Memberships**

American Psychological Society

Research Society on Alcoholism

International Council on Alcohol Drugs and Traffic Safety