ANDREW LAC

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EDUCATION

Ph.D. Psychology 2011
Dissertation: Attachment Theory and Theory of Planned Behavior: An Integrative Model
Chair: William Crano, Ph.D.
Claremont Graduate University (CGU)
M.A. Psychology
California State University, Los Angeles (CSLA)
M.P.A. Public Administration
California State University, Dominguez Hills (CSDH)
B.S. Cognitive Science, Specialization: Computing
University of California, Los Angeles (UCLA)

RESEARCH EXPERIENCE

Visiting Professor
Psychology Department, Loyola Marymount University ▪ 2010 - Present

Consultant
Institute for Prevention Research, University of Southern California ▪ 2009 - Present

Statistical Consultant
Heads UP, Psychology Department, Loyola Marymount University ▪ 2007- Present

Research Associate
Psychology Department, Claremont Graduate University ▪ 2005 - 2010

Institutional Research Analyst
Pasadena City College ▪ 2003

Research Analyst II
Quality & Outcome Division, L.A. County Department of Mental Health ▪ 1999 - 2003

Research Assistant
Cognitive Psych Lab, Psychology Department, University of California, Los Angeles ▪ 1998 - 1999

Laboratory Assistant III
Developmental Psych Lab, Psychology Department, University of California, Los Angeles ▪ 1998

PUBLICATIONS

Crano, W. D., & Lac, A. (in press). History of research methods. In *Handbook of the History of Social Psychology*, A. Kruglanski (Ed.).

Lac, A., Unger, J. B., Basanez, T., Ritt-Olson, A., Soto, D. & Baezconde-Garbanati, L. (in press). Marijuana use among Hispanic adolescents: Gender differences in protective familial factors. *Substance Use & Misuse*.

Lac, A., & Crano, W. D. (in press). Marijuana use. In *Encyclopedia of Adolescence*, Roger J. R. Levesque (Ed.). Springer Publishing.

Siegel, J. T., Crano, W.D., Alvaro, E.A., Lac, A., Rast, D., & Kettering, V. (in press). Dying to be popular: A purposive explanation of adolescent willingness to endure harm. *Extremism and the Psychology of Uncertainty*, M. Hogg (Ed.). Blackwell Wiley.

Grant, S., Labrie, J. W., Hummer, J. F., & Lac, A. (in press). "How drunk am I? Misperceiving one's level of intoxication in the college drinking environment." *Psychology of Addictive Behaviors*.

Grant, S., Labrie, J. W., Hummer, J. F., & Lac, A. (in press). Underestimations of blood alcohol concentration predict event-specific negative consequences. *Substance Use and Misuse*.

Siegel, J. T., Crano, W. D., Alvaro, E. A., Lac, A., Hackett, J. D., & Hohman, Z. (in press). Trajectories of adolescent marijuana use: A quasi-experimental longitudinal analysis. *Prevention Science*.

Hummer, J. F., Labrie, J. W., & Lac, A. (in press). Warming up and staying loose: The prevalence, style, and influence of prepartying behavior and drinking games among intercollegiate athletes. *Athletic Insight*.

Labrie, J. W., Hummer, J. F., Kenney, S., Lac, A., Pedersen, E. (2011). Identifying factors that increase the likelihood for alcohol-induced blackouts in the prepartying context. *Substance Use & Misuse*, 46, 992-1002.

Labrie, J. W., Kenney, S. W., Migliuri, S., & Lac, A. (2011). Sexual experience and risky alcohol consumption among incoming first-year college females. *Journal of Child and Adolescent Substance Abuse*, 20, 15-33.

Hemovich, V., Lac, A., & Crano, W. D. (2011). Understanding early-onset drug and alcohol outcomes among youth: The role of family structure, social factors, and interpersonal perceptions of use. *Psychology, Health & Medicine, 16, 249-267*.

Labrie, J. W., Kenney, S. R., Mirza, T., Lac, A. (2011). Identifying factors that increase the likelihood of driving after drinking among college students. *Accident Analysis and Prevention*, 43, 1371-1377.

Labrie, J. W., Hummer, J. F., Lac, A., Ehret, P. J., & Kenney, S. R. (2011). Parents know best, but are they accurate? Parental normative misperceptions and their indirect impact on students' alcohol-related outcomes. *Journal of Studies on Alcohol and Drugs, 72*, 521-529.

Labrie, J. W., Lac, A., Kenney, S. R., Mirza, T. (2011). Protective behavioral strategies mediate the effect of drinking motives on alcohol use among heavy drinking college students: Gender and race differences. *Addictive Behaviors, 36*, 354-361.

Labrie, J. W., Hummer J. F., & Lac, A. (2011). Comparing injunctive marijuana use norms of salient reference groups among college student marijuana users and nonusers. *Addictive Behaviors, 36*, 717-720.

Lac, A., Hemovich, V.,& Himelfarb, I. (2010) Predicting position on teaching creationism (instead of evolution) in public schools. *Journal of Educational Research, 103*, 253-261.

Labrie, J. W., Hummer, J. F., & Lac, A., Lee, C. M. (2010). Direct and indirect effects of injunctive norms on marijuana use: The role of reference groups. *Journal of Studies on Alcohol and Drugs*, 71, 904-908.

Labrie, J. W., Kenney, S. W., & Lac, A. (2010). The use of protective behavioral strategies is related to reduced risk in heavy drinking college students with poorer mental and physical health. *Journal of Drug Education, 40*, 361-378.

Labrie, J. W., Hummer, J. F., Grant, S., & Lac, A. (2010). Immediate reductions in misperceived social norms among high-risk college student groups. *Addictive Behaviors, 35*, 1094-1101.

Labrie, J. W., Migliuri, S., Kenney, R. & Lac, A. (2010). Family history of alcohol abuse associated with problematic drinking among college students. *Addictive Behaviors*, 35, 721- 725.

Lac, A., & Crano, W. D. (2009). Monitoring matters: Meta-analytic review reveals the reliable linkage of parental monitoring with adolescent marijuana use. *Perspectives on Psychological Science, 4*, 578-586.

Lac, A., Alvaro, E.M., Crano, W. D., & Siegel, J. T. (2009). Pathways from parental knowledge and warmth to adolescent marijuana use: An extension to the Theory of Planned Behavior. *Prevention Science*, 10, 22-32

LaBrie, J. W., Huchting, K., Lac, A., Tawalbeh, S., Thompson, A. D., & Larimer, M., E. (2009). Preventing risky drinking in first-year college women: Further validation of a female-specific motivational-enhancement group intervention. *Journal of Studies on Alcohol and Drugs. Supplement 16*, 77-85.

Hummer, J. Labrie, J. W., & Lac, A. (2009) The prognostic power of normative influences among NCAA college student-athletes. *Addictive Behaviors, 34*, 573-580.

Labrie, J. W., Cail, J., Hummer, J. F. Lac, A., & Neighbors, C. (2009). What men want: The role of reflective opposite-sex normative preferences in alcohol use among college women. *Psychology of Addictive Behaviors, 23*, 157-162.

Labrie, J. W., Feres, N., Kenney, S. R., & Lac, A. (2009). Family history of alcohol abuse moderates effectiveness of a group motivational enhancement intervention in college women. *Addictive Behaviors, 34*, 415-420.

Labrie, J. W., Kenney, S. R., Lac, A., Garcia, J. A., & Ferraiolo, P. (2009) Mental and social health impacts the use of protective behavior strategies in reducing risky drinking and alcohol consequences. *Journal of College Student Development, 50*, 35-49.

Labrie, J. W. Kenney, S. R., Lac, A., & Migliuri, S. F. (2009). Differential drinking trajectories of family history positive and family history negative first semester college females. *Addictive Behaviors, 34*, 190-196.

Skenderian, J. J., Siegel, J. T., Crano, W. D., Alvaro, E. M., & Lac, A. (2008). Expectancy violations and adolescents' intentions to use marijuana. *Psychology of Addictive Behaviors*, 22, 563-569.

Siegel, J. T., Alvaro, E. M., Crano, W. D., Skenderian, J., Lac, A., & Patel, N. (2008). Influencing inhalant intentions by changing socio-personal expectations. *Prevention Science, 9*, 153-165.

Crano, W. D., Siegel, J. T., Alvaro, E. M., Lac, A., & Hemovich, V. (2008). The at-risk adolescent marijuana non-user: Expanding the standard user/non-user distinction. *Prevention Science, 9*, 129-137.

Siegel, J. T., Alvaro, E. M., Crano, W. D., Lac, A., Ting, S., & Jones, S. P. (2008). A quasi-experimental investigation of message appeal variations on organ donor registration rates. *Health Psychology*, 27, 170-178.

Pedersen, E. R., LaBrie, J. W., & Lac, A. (2008). Assessment of perceived and actual alcohol norms in varying contexts: Exploring Social Impact Theory among college students. *Addictive Behaviors, 33*, 552-564.

Huchting, K., Lac, A., & LaBrie, J. W. (2008). An application of the Theory of Planned Behavior to sorority alcohol consumption. *Addictive Behaviors, 33*, 538-551.

Siegel, J. T., Alvaro, E. M., Lac, A., Crano, W. D., & Dominick, A. (2008). Intentions of becoming a living organ donor among Hispanics: A theory-based approach exploring differences between living and non-living organ donation. *Journal of Health Communication, 13*, 80-99.

LaBrie, J. W., Thompson, A. D., Huchting, K., Lac, A., & Buckley, K. (2007). A group Motivational Interviewing intervention reduces drinking and alcohol-related negative consequences in adjudicated college women. *Addictive Behaviors, 32*, 2549-2562.

CONFERENCE PRESENTATIONS

Lac, A. Unger, J. B., Basanez, T., Ritt-Olson, A., Soto, D. W., Baezconde-Garbanti, L. (2011). Marijuana use among Latino adolescents: Gender and protective factors. Paper presented at the 91st convention of the Western Psychological Association (WPA). Attendees earned CE units. Los Angeles, CA.

Lac, A, & Himelfarb, I. (2011). Privacy on impression management: Interplay of experimenter and participant gender. Poster presented at the 91st convention of the Western Psychological Association (WPA). Los Angeles, CA.

Lac, A. (2011). Inhalant users: initiation age, years of use, and inhalant types. Poster presented at the 91st convention of the Western Psychological Association (WPA). Los Angeles, CA.

Himelfarb, I., & Lac, A. (2011). School-related delinquencies and extracurricular activities on academic grades. Poster presented at the 91st convention of the Western Psychological Association (WPA). Los Angeles, CA.

Himelfarb, I., & Lac, A. (2011). Factors influencing acceptance of homosexuality: A latent class analysis. Poster presented at the 91st convention of the Western Psychological Association (WPA). Los Angeles, CA.

Himelfarb, I., & Lac, A. (2011). A binary latent class analysis of religiousness on political views. Poster presented at the 91st convention of the Western Psychological Association (WPA). Los Angeles, CA.

Alabastro, A., Rast, D. E., Lac, A., Hogg, M. A., & Crano, W. D. (2011). The effect of winning or losing on leader influence. Poster presented at the 91st convention of the Western Psychological Association (WPA). Los Angeles, CA.

Kenney, S. R., Labrie, J., Mirza, T., Lac, A., & Wisenberg, G. (2011). Predictors of driving after drinking risk among college students. Poster presented at the 91st convention of the Western Psychological Association (WPA). Los Angeles, CA.

Grant, S. P., Labrie, J. W., Hummer, J. F., Lac, A, & Stern, A. (2011). Heightened alcohol expectancies while drinking in the college social environment. Poster presented at the 91st convention of the Western Psychological Association (WPA). Los Angeles, CA.

Grant, S. P., Labrie, J. W., Hummer, J. F., Lac, A., & Pham, A. (2011). Misperceptions of intoxication in the college drinking environment. . Poster presented at the 91st convention of the Western Psychological Association (WPA). Los Angeles, CA.

Alabastro, A., Rast, D. E., Lac, A., Hogg, M. A., & Crano, W. D. (2011). Intergroup bias and perceived similarity: Political victory or failure on in- and outgroup leader support. Poster to be presented at the 12th Annual Meeting of the Society for Personality and Social Psychology (SPSP). San Antonio, Texas.

LaBrie, J. W., Lac, A., Kenney, S. R., Mirza, T., & Pham, A. (2010). Protective behavioral strategies mediate the effect of drinking motives on alcohol use among heavy drinking college students: Gender and race differences. Poster presented at the 44th annual convention of the Association for Behavioral and Cognitive Therapies (ABCT), San Francisco, CA.

LaBrie, J. W., Lac, A., Rohrbach, J., & Sessoms, A. (2010). Ethnic-specific normative influences differ among Hispanic and Caucasian college students. Poster presented at the 118th annual convention of the American Psychological Association (APA), San Diego, CA.

Kenney, S. R., LaBrie, J. W., & Lac, A. (2010). Protective behavioral strategies, health, and alcohol risk among college students. Poster presented at the 118th annual convention of the American Psychological Association (APA), San Diego, CA.

Hummer, J. F., LaBrie, J. W., Lac, A., & Grant, S. (2010). An examination of prepartying and drinking games among intercollegiate athletes. Poster presented at the 118th annual convention of the American Psychological Association (APA), San Diego, CA.

Hummer, J. F., LaBrie, J. W., Sessoms, A. E., Lac, A., & Mirza, T. (2010). The role of reflective opposite-sex norms in predicting alcohol use among college students: Exploring Greek and gender effects. Poster presented at the 33rd annual meeting of Research Society on Alcoholism (RSA), San Antonio, TX.

LaBrie, J. W., Hummer, J. F., Grant, S., & Lac, A. (2010). Immediate reductions in misperceived norms following a brief live interactive normative group intervention among high-risk college student groups. Poster presented at the 33rd annual meeting of Research Society on Alcoholism (RSA), San Antonio, TX.

Basanez, T., & Lac, A. (2010). Acculturation and risky behaviors among Hispanics. Poster presented at the 90th annual convention of the Western Psychological Association (WPA). Cancun, Mexico.

Crano, W. D., Siegel, J. T., Alvaro, E. M., Hemovich, V., & Lac, A. (2010). Anti-marijuana ad evaluations predict usage: Implications for developing persuasive communications. Paper presented at the 90th annual convention of the Western Psychological Association (WPA). Cancun, Mexico.

LaBrie, J. W., Hummer, J. F., Kenney, S. R., & Lac, A. (2010). The risky relationship between prepartying behavior and alcohol-induced blackouts. Poster presented at the 90th annual convention of the Western Psychological Association (WPA), Cancun, Mexico.

LaBrie, J. W., Hummer, J. F., & Lac, A., & Lee, C. (2010). Misperceptions and injunctive normative influences on college student marijuana use. Poster presented at the 90th annual convention of the Western Psychological Association (WPA), Cancun, Mexico.

Lac, A., & Crano, W. D. (2009). A meta-analytic review of parental monitoring and adolescent marijuana use. Poster presented at the 17th Annual Society for Prevention Research (SPR). Washington, D.C.

Lac, A., Alvaro, E. M., Crano, W. D., & Siegel, J. T. (2009). Pathways from parental knowledge and warmth to adolescent marijuana use. Poster presented at the 17th Annual Society for Prevention Research (SPR). Washington, DC.

Hemovich, V., Lac, A., & Crano, W. D. (2009). Identifying differences among adolescent drug users across diverse family structures. Poster presented at the 17th Annual Society for Prevention Research (SPR). Washington DC.

Crano, W. D., & Siegel, J. T., Alvaro, E. M., & Lac, A. (2009). Adolescent risk status affects reactions to anti-drug media. Poster presented at the 21st Annual Convention of American Psychological Science (APS). San Francisco, CA.

Lac, A., Alvaro, E. M., Crano, W. D., & Siegel, J. T. (2008). Parenting Styles predicting Theory of Planned Behavior: Examining marijuana use. Poster presented at the 88th Annual Convention of the Western Psychological Association (WPA). Irvine, CA.

Lac, A., Hemovich, V., & Himelfarb, I. (2008). Examining support for creationism (instead of evolution) in public schools. Poster presented at the 88th Annual Convention of the Western Psychological Association (WPA). Irvine, CA.

Labrie, J. W. Hummer, J. F., & Lac, A. (2008). What men want: The role of reflective opposite-sex normative expectations in predicting alcohol use among college women. Poster presented at the 31st annual scientific meeting of the Research Society on Alcoholism (RSA). Washington, DC.

Labrie, J. W., Kenney, S. R., Lac, A., & Migliuri, S. F. (2008). Drinking trajectories of family history positive first semester college females. Poster presented at the 116th Conference of the Annual American Psychological Association (APA). Boston, MA.

Labrie, J., Kenney, S., Migliuri, S., & Lac, A. (2008). Drinking motives ad alcohol-related negative consequences among sexually experienced and inexperienced first-year college females. Poster presented at the 116th Conference for the American Psychological Association (APA). Boston, MA

Labrie, J. W., Feres, N., Lac, A, Kenney, S. R. (2008). Family history of alcohol abuse: A moderator of intervention efficacy. Poster presented at the 116th Conference of the Annual American Psychological Association (APA). Boston, MA.

Labrie, J. W., Kenney, S., Lac, A., Garcia, J. A., & Ferraiolo, P (2008). Health protective behavioral strategies and alcohol use among college students. Poster presented at the 88th Annual Convention of the Western Psychological Association

Hummer, J. F. Labrie, J. W., & Lac, A., Migliuri, S. (2008). The prognostic power of normative influences among college student-athletes. Poster presented at the 88th Annual Convention of the Western Psychological Association (WPA). Irvine, CA.

Skenderian, J. J., Siegel, J., Crano, W. D., Alvaro, E. M., & Lac, A. (2008). Expectancy violations and adolescents' intentions to use marijuana. Poster presented at the 88th Annual Convention of the Western Psychological Association (WPA). Irvine, CA.

Siegel, J. T., Hemovich, V., Lac, A., Patel, N. M., & Ting, S. (2007). Predictors of major depression. Paper presented at the 15th Annual Society for Prevention Research (SPR). Washington, DC.

Botts, N., Charoen, D., Kosaka, K., Roust, T., Chamberlin, E., Lac, A., Stephenson, C., Ting, S., Chatman-Riley, D., Hidalgo, Cho, J. H., Lee, S., Nakagoshi, A., Nix, C., Ubani, B., Smith, T., & Tao, R. (2006). Tenure Trax – An interactive game to help faculty recognize, handle, and reduce the stresses of day-to-day life. Workshop presented at the 18th Annual Lilly West Conference of College & University Teaching. Pomona, CA.

Chamberlin, E., Lac, A., Omoto, A., & Snyder, M. (2006). *Shame regarding one's HIV+ status: Psychological and social predictors*. Poster presented at the 6th Biennial Society for the Psychological Study of Social Issues (SPSSI) Convention. Long Beach, CA.

Alvaro, E. M., Siegel, J. T., Lac, A., Jones, S. P., & Crano, W.D. (2005). If nearly everyone supports organ donation, why is there a donor shortage? Improving the relationship between organ donation intentions and behavior. Paper presented at the 133rd Annual Meeting of the American Public Health Association (APHA), Philadelphia, PA.

METHODOLOGICAL SKILLS

Scale Development and Validation*
ANOVA/MANOVA*
Multiple Regression*
Mediation/Moderation including simples slope analyses and Aiken & West*
Structural Equation Modeling (Path, Latent, and MTMMM)*
Measurement/Structural Invariance*
Canonical Correlation
Cross-Lagged Panel Analysis
Binary/Multinomial Logistic Regression*
Discriminant Function Analysis*
Exploratory & Confirmatory Factor Analysis*
Meta-Analysis (Fixed & Random Effect Models)*
Log-Linear (Multi-Way Frequency) Analysis*
Power Analysis
Cluster Analysis
Repeated Measures/Longitudinal Analyses*
Non-Parametric Analyses*
Complex Sampling Weighting of Nationally Representative Datasets*
Hierarchical Linear Modeling*
Growth Curve Modeling
Latent Class Analysis

*Published in peer-reviewed journal using the technique