

CURRICULUM VITAE

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EDUCATION

- 1990 Post-Doctoral Research Fellow, Clinical Services Research Fellowship Program, Western Psychiatric Institute and Clinic
- 1990 Ph.D., University of Illinois, Psychology.

Major field: Clinical/Community Psychology
Minor field: Quantitative Psychology

Dissertation: *The Measurement of Change in a Self-Help Context*
- 1988 M.A., University of Illinois, Psychology.

Thesis: *Setting and Behavior: Behavior Setting Theory and Mutual Help*
- 1983 A.B. with honors, Washington University

PROFESSIONAL EXPERIENCE

- 2008 – Present Professor of Social Work, George Warren Brown School of Social Work, Washington University in St. Louis.
- 2008 – Present Founding Faculty Member, Institute of Public Health, Washington University in St. Louis.
- 2008 – Present Director, Center for Tobacco Policy Research, George Warren Brown School of Social Work, Washington University in St. Louis.
- 2007 – 2008 Professor of Community Health, Saint Louis University School of Public Health.
- 2007 – 2008 Co-Director, Doctoral Program in Public Health Studies, Saint Louis University School of Public Health.
- 2001 – 2008 Director, Center for Tobacco Policy Research, Saint Louis University School of Public Health.

- 2000 – 2007 Associate Professor and Biostatistics Division Director, Department of Community Health, School of Public Health, Saint Louis University.
- 2000 – 2001 Visiting Associate Professor, Department of Psychology, Harvard University.
- 1994 – 2000 Assistant Professor, School of Public Health, Saint Louis University.
- 1990 - 1994 Assistant Professor (Non-tenure track), Department of Psychology, Michigan State University

AWARDS & RECOGNITION

- 2007 Member, NIH CSR Study Section: *Community Influences on Health Behavior*, National Institutes of Health.
- 1999 *Expanding behavior setting theory: Setting phenotypes in a mutual help organization* selected as one of the 10 most influential methodology articles published in the first 25 years of the *American Journal of Community Psychology*.
- 1989 Ed Scheiderer Memorial Award, For outstanding research by a clinical psychology graduate student, University of Illinois.
- 1984 Outstanding instructor, Introduction to Psychology, University of Illinois.
- 1983 Phi Beta Kappa, Washington University.

GRANTS AND CONTRACTS

- 2007 – Present Principal Investigator (10%); Missouri Tobacco Control Assessment Project; Saint Louis University Center for Tobacco Policy Research. (\$167K; 1 year; Missouri Foundation for Health).
- 2007 – Present Principal Investigator (7%); National Tobacco Control Networks for Priority Populations - Evaluation; Saint Louis University Center for Tobacco Policy Research. (\$64K; 1 year; CDC).
- 2007 – Present Biostatistician (4%); Cancer Control Dissemination Research Among State-Level Policy Makers; Saint Louis University. (5 years; NCI).
- 2005 – Present Principal Investigator (20%); External Evaluator for MFH Tobacco Control Initiative; Saint Louis University Center for Tobacco Policy Research. (\$1.3 million; 3 years; Missouri Foundation for Health).

2005 – 2006 Biostatistician (In kind); Analysis of Patterns and Policy-related Correlates of State Obesity; Saint Louis University. (\$62,000; 1 year; Robert Wood Johnson Foundation).

2004 – Present Biostatistician (4%); Health Promotion and Disease Prevention Research Center; Saint Louis University. (5 years; CDC).

2004 – 2007 Evaluation Coordinator (4%); Cancer Prevention & Control Research Network; Saint Louis University. (5 years; CDC).

2003 – Present Principal Investigator (30%); Cancer Communication in Black Newspapers; Saint Louis University. (\$2.0M; 5 years; NCI).

2003 – 2005 Principal Investigator (20%); Evaluation of Economic Impact on State Tobacco Control Programs; Saint Louis University. (\$450,000; 2 years; CDC, NCI, American Legacy Foundation).

2003 – 2004 Biostatistician (20%); Relationship of Cardiac and Upper Respiratory Illnesses Reported at Emergency Departments and Air Pollution in the St. Louis Metropolitan Area. Principal Investigator: David Sterling. (\$175,000; 1 year; EPRI).

2002 – 2004 Co-Investigator (3%); Physical Activity, Obesity and Diabetes Prevention; Saint Louis University. Principal Investigator: Ross Brownson. (\$1.2M; 3 years; NIDDK).

2001 – 2005 Co-Investigator (10%); The Collaborative Genetic Study of Nicotine Dependence; Washington University. Principal Investigator: Theodore Reich. (\$11M; 5 years; NCI).

2001 – 2004 Principal Investigator (25%); Multistate Evaluation of Tobacco Control Best Practices; Saint Louis University, Missouri Department of Health. (\$600,000; 3 years; CDC, American Legacy Foundation).

2001 – 2003 Co-Investigator (15%); Alcoholism: Epidemiologic High Risk Family Study; Washington University. Principal Investigator: Kathleen Bucholz. (5 years; NIAAA).

1999 – 2003 Consultant (2%); Development of Practical Measures of Protective Social Factors and Social Capital; Saint Louis University. Principal Investigator: Elizabeth Baker. (\$238,406; 3 years; CDC).

1998 – 2003 Co-Investigator (10%); Media Dissemination Core Study: Chronic Disease Prevention in High-Risk Communities; Saint Louis University. Principal Investigator: Matthew Kreuter. (\$835,000; 5 years; CDC).

1998 – 2003 Co-Investigator (5%); Methods Core: Chronic Disease Prevention in High-Risk Communities; Saint Louis University. Principal Investigator: Elena Andresen. (5 years; CDC).

1999 – 2000 Principal Investigator (15%); Development of an Ecological Cancer Risk Assessment Instrument; Saint Louis

- University/Washington University/AMC Cancer Center.
(\$100,000; 1 year; AMC Cancer Center)
- 1997 - 1998 Principal Investigator (20%); Teen Responses to Tobacco Control Policies; Saint Louis University. (\$100,000; 1 year; CDC).
- 1997 - 2000 Biostatistical Consultant (5%); Cognitive Processes in PTSD: Focus on Domestic Violence; University of Missouri-St. Louis. Principal Investigator: Patricia Resick. (\$2,079,457; 4 years; NIMH).
- 1997 - 1998 Biostatistical Consultant (5%); Removal of Lead from Carpets and Upholstery; Saint Louis University. Principal Investigator: Roger Lewis. (\$125,000; 1 year; HUD).
- 1996 - 1997 Principal Investigator (25%); Teen Responses to Tobacco Advertising; Saint Louis University. (\$97,418; 1 year; CDC).
- 1996 - 1997 Biostatistical Consultant (10%); Developing Prostate Cancer Early Detection Programs; Missouri Department of Health. (\$150,000; 1 year; CDC).
- 1994 - 1999 Biostatistical Consultant (5%); Rural Chronic Disease Prevention Center; Saint Louis University. Principal Investigator: Ross Brownson. (5 years; CDC)
- 1995 - 1996 Principal Investigator (30%); Sociocultural Factors in Adolescent Smoking; Saint Louis University. (\$100,000; 1 year; CDC).
- 1995 - 1996 Biostatistical Consultant (5%); The Assessment and Validation of the Health Promotion Environments; Saint Louis University. (\$98,099; 1 year; CDC)
- 1995 - 1996 Biostatistical Consultant (5%); Dioxin Exposure Study from Incinerator Emissions, Times Beach, Missouri; Missouri Department of Health & Saint Louis University. Principal Investigator: Greg Evans. (2 years; EPA)
- 1990 - 1994 Co-Principal Investigator (50%), Evaluation of a Specialized Treatment Program for Dual-Diagnosis, Michigan Department of Mental Health and Michigan State University. Principal Investigators: Carol Mowbray and William Davidson III. (\$650,000; 5 years; NIMH)

PUBLICATIONS

Harris, J. K., Luke, D. A., Zuckerman, R., & Shelton, S. C. (in press). Forty years of secondhand smoke research: The gap between discovery and delivery. *American Journal of Preventive Medicine*.

- Harris, J.K. , Luke, D.A., Burke, R.C., & Mueller, N.B. (2008). Seeing the forest and the trees: Using network analysis to develop an organizational blueprint of state tobacco control systems. *Social Science & Medicine*, *67*, 1669-1678.
- Caburnay, C., Kreuter, M. W., Cameron, G., Luke, D. A., Cohen, E., McDaniels, L., Wohlberg, M., & Atkins, P. (2008). Black newspapers as a tool for cancer education in African American communities. *Ethnicity & Disease*, *18*, 488-495.
- Boehmer, T. K., Luke, D. A., Haire-Joshu, D. L., Bates, H. S., & Brownson, R. C. (2008). Preventing childhood obesity through state policy: Predictors of bill enactment. *American Journal of Preventive Medicine*, *34*, 333-340.
- Mueller, N. B., Burke, R. C., Luke, D. A., Harris, J. K. (2008). Getting the word out: A trial of multiple dissemination methods. *Journal of Public Health Management and Practice*, *14*, 170-176.
- Cohen, E. L., Caburnay, C. A., Luke, D. A., Rodgers, S., Cameron, G. T., & Kreuter, M. W. (in press). Cancer coverage in general audience and Black newspapers. *Health Communication*.
- Len-Rios, M. E., Park, S., Cameron, G. T., Luke, D. A., & Kreuter, M. (in press). Reporter gender and reporting on breast cancer and prostate cancer in the general audience and Black press. *Newspaper Research Journal*.
- Schneider, J. K., Cook, J. H., & Luke, D. A. (in press). Cognitive behavioral therapy, exercise, and older adults' quality of life. *Western Journal of Nursing Research*.
- Luke, D. A., Harris, J. K. (2007). Network analysis in public health: History, methods and applications. *Annual Review of Public Health*, *28*, 69-93.
- Luke, D. A. (2007). Multilevel growth curve analysis for quantitative outcomes. In Scott Menard (Ed.), *Handbook of Longitudinal Research: Design, Measurement, and Analysis across the Social Sciences*. Academic Press.
- Nelson, D. E., Reynolds, J. H., Luke, D. A., Mueller, N. B., Eischen, M. H., Jordan, J., Lancaster, B., Marcus, S. E., & Vallone, D. (2007). Successfully maintaining program funding during trying times: Lessons from tobacco control programs in fives states. *Journal of Public Health Management and Practice*, *13*, 612-620.
- Mueller, N. B., Luke, D. A., Herbers, S. H., & Montgomery, T. P. (2006). The *Best Practices*: Use of the guidelines by ten state tobacco control programs. *American Journal of Preventive Medicine*, *31*, 300-306.
- Brownson, R. C., Haire-Joshu, D., & Luke, D. A. (2006). Shaping the context of health: A review of environmental and policy approaches in the prevention of chronic diseases. *Annual Review of Public Health*, *27*, 341-370.
- Luke, D. A. (2005). Getting the big picture in community science: Methods that capture context. *American Journal of Community Psychology*, *35*, 185-200.

- McMullen, K. M., Brownson, R. C., Luke, D. A., & Chriqui, J. (2005). Strength of clean indoor air laws and smoking related outcomes in the United States. *Tobacco Control, 14*, 43-48.
- Brownson, R. C., Boehmer, T. K., & Luke, D. A. (2005). Declining rates of physical activity in the United States: What are the contributors? *Annual Review of Public Health, 26*. 421-443.
- Luke, D. A. (2004). *Multilevel modeling*. Sage University Papers Series on Quantitative Applications in the Social Sciences. Thousand Oaks, CA: Sage.
- Luke, D. A., & Krauss, M. (2004). Where there's smoke there's money: Tobacco industry campaign contributions and U.S. Congressional voting. *American Journal of Preventive Medicine, 27*, 363-372.
- Andresen, E., Diehr, P., & Luke, D. A. (2004). Health surveillance of low-frequency populations. *Annual Review of Public Health, 25*, 25-52.
- Fisher, E. B., Brownson, R. C., Heath, A. C., Luke, D. A., & Sumner, W. II. (2004). Cigarette smoking. In J. Raczynski, & L. Leviton (Eds.), *Handbook of clinical health psychology. Vol. II – Disorders of behavior and health* (pp. 75-120). Washington, D.C.: American Psychological Association.
- Boslaugh, S. E., Luke, D. A., Brownson, R. C., Naleid, K. S., & Kreuter, M. W. (2004). Perceptions of environmental opportunities for physical activity: Is it “Who you are” or “Where you live?” *Journal of Urban Health, 81*, 671-681.
- Krauss M, Mueller N, Luke D. Interorganizational relationships within state tobacco control networks: a social network analysis. Preventing Chronic Disease [serial online] 2004 Oct. Available from: URL: http://www.cdc.gov/pcd/issues/2004/oct/04_0041.htm.
- Caburnay, C.A, Kreuter, M.W., Luke, D.A., Logan, R.A., Jacobsen, H.A., Reddy, V.C., Vempaty, A.R., & Zayed, H.R. (2003). The news on health behavior: Coverage of diet, activity, and tobacco in local newspapers. *Health Education and Behavior, 30*, 709-722.
- Stamatakis, K. A., Brownson, R. C., & Luke, D. A. (2002). Risk factors for exposure to environmental tobacco smoke among ethnically diverse women in the United States. *Journal of Women's Health and Gender Based Medicine, 11*, 45-51.
- Crawford, M. A., Balch, G. I., Mermelstein, R., & The Tobacco Control Network Writing Group (2002). Responses to tobacco control policies among youths. *Tobacco Control, 11*, 14-19.
- Klasner, A. E., Luke, D. A., & Scalzo, A. J. (2002). Pediatric orogastric and nasogastric tubes: A new formula evaluated. *Annals of Emergency Medicine, 39*, 268-272.

- Luke, D. A., Ribisl, K. M., Walton, M. A., & Davidson, W. S. (2002). Assessing the diversity of personal beliefs about addiction: Development of the Addiction Belief Inventory. *Substance Use & Misuse, 37*, 91-121.
- Holcomb, W. L., Chaiworapongsa, T., Luke, D. A., & Burgdorf, K. (2001). An odd measure of risk: Use and misuse of the odds ratio. *Obstetrics and Gynecology, 98*, 685-688.
- Luke, D. A., Allen, P., Arian, G., Crawford, M., Headen, S., Spigner, C., Tassler, P., & Ureda, J. (2001). Teens' images of smoking and smokers. *Public Health Reports, 116*, 194-202.
- Crawford, M. A., Tobacco Control Network Writing Group. (2001). Cigarette smoking and adolescents: Messages they see and hear. *Public Health Reports, 116*, 203-215.
- Jacobsen, H. A., Kreuter, M W., Luke, D. A., & Caburnay, C. (2001). Seat belt use in top-grossing movies and actual U.S. rates, from 1978-1998. *American Journal of Public Health, 91*, 1395-1396.
- Luke, D. A., Stamatakis, K. A., & Brownson, R. C. (2000). State youth access tobacco control policies and youth smoking behavior in the United States. *American Journal of Preventive Medicine, 19*, 180-187.
- Herman, S. E., Frank, K. A., Mowbray, C. T., Ribisl, K. M., Davidson, W. S., BootsMiller, B., Jordan, L., Greenfield, A. L., Loveland, D., & Luke, D. A. (2000). Longitudinal effects of integrated treatment of alcohol use for persons with serious mental illness and substance use disorders. *Journal of Behavioral Health Services and Research, 27*, 286-302.
- Luke, D. A., Esmundo, E., Bloom, Y. (2000). Smoke signs: Patterns of tobacco billboard advertising in a metropolitan region. *Tobacco Control, 9*, 16-23.
- Sterling, D. A., Lewis, R. D., Luke, D. A., & Shadel, B. N. (2000). A portable X-ray fluorescence instrument for analyzing dust wipe samples for lead: Evaluation with field samples. *Environmental Research, 84*.
- Bennett, S. E., Hughes, H. M., & Luke, D. A. (2000). Heterogeneity in patterns of child sexual abuse, family functioning, and long-term adjustment. *Journal of Interpersonal Violence, 15*, 134-157.
- Mermelstein, R. & The Tobacco Control Network Writing Group. (1999). Explanations of ethnic and gender differences in youth smoking: A multi-site, qualitative investigation. *Nicotine & Tobacco Research, 1*, S91-S98.
- Medvene, L. J., Wituk, S., & Luke, D. A. (1999-2000). Characteristics of self-help group leaders: The significance of professional and founder statuses. *International Journal of Self-Help and Self-Care, 1*.
- Thom, D., Ribisl, K. M., Stewart, A. L., & Luke, D. A. (1999). Further validation and reliability testing of the Trust in Physician Scale. *Medical Care, 37*, 510-517.

- Sterling, D. A., Roegner, K. C., Lewis, R. D., & Luke, D. A. (1999). Evaluation of four sampling methods for determining exposure of children to lead-contaminated household dust. *Environmental Research*, *80*, 130-141.
- Roberts, L. J., Salem, D., Rappaport, J., Toro, P., Luke, D., & Seidman, E. (1999). Giving and receiving help: Interpersonal transactions in mutual-help meetings and psychosocial adjustment of members. *American Journal of Community Psychology*, *27*, 841-868.
- Mowbray, C. T., Jordan, L. C., Ribisl, K. M., Kewalramani, A., Luke, D. A., Herman, S., & Bybee, D. (1999). Analysis of postdischarge change in a dual diagnosis population. *Health and Social Work*, *24*, 91-102.
- Luke, D. A., & Homan, S. M. (1998). Time and change: Using survival analysis in clinical assessment and treatment evaluation. *Psychological Assessment*, *10*, 360-378.
- Hughes, H. M., & Luke, D. A. (1998). Heterogeneity in adjustment among children of battered women. In G. W. Holden, R. Geffner & E. N. Jouriles (Eds.). *Children exposed to marital violence: Theory, research, and applied issues. APA science volumes.* (pp. 185-221). Washington, DC: American Psychological Association.
- Ohar, J. A., Waller, K. S., Williams, T. J., Luke, D. A., & deMello, D. E. (1998). Computerized morphometry of the pulmonary vasculature over a range of intravascular pressures. *Anatomical Record*, *252*, 92-101.
- BootsMiller, B., Davidson, W., Luke, D. A., Mowbray, C. T., Ribisl, K. M., & Herman, S. E. (1997). Social climate differences in a large psychiatric hospital: Staff and client observations. *Journal of Community Psychology*, *25*, 325-336.
- Mowbray, C. T., Ribisl, K. M., Solomon, M., Luke, D. A., & Kewson, T. (1997). Exploring the characteristics of dual diagnosis: An examination of individual, social and community domains. *American Journal of Drug and Alcohol Abuse*, *23*, 309-326.
- Mowbray, C. T., & Luke, D. A. (1996). Innovative methodologies for longitudinal evaluation of human service programs. *Evaluation and Program Planning*, *19*, 279-285.
- Luke, D. A., Mowbray, C. T., Klump, K., Herman, S. E., & BootsMiller, B. (1996). Exploring the diversity of dual-diagnosis: Utility of cluster analysis for program planning. *Journal of Mental Health Administration*, *23*, 298-316.
- Luke, D. A. (1996). The structure of American colleges: Utility of cutting-edge visualization tools for expanding cluster analysis. *1995 Proceedings of the Section on Statistical Graphics.* Alexandria, VA: American Statistical Association.
- Jordan, L. C., Luke, D. A., Mowbray, C. T., Herman, S. E., Davidson, W. S., & Conklin, C. (1996). Correlates of functioning in a population with dual-diagnosis: An examination of diagnosis and problem history. *Journal of Mental Health Administration*, *23*, 260-271.

Brownson, R. C., Mack, N. E., Meegama, N. I., Pratt, M., Brownson, C. A., Dean, C., Dabney, S., & Luke, D. A. (1996). Changes in newspaper coverage of cardiovascular health issues in conjunction with a community-based intervention. *Health Education Research, 11*, 479-486.

Ribisl, K. M., Walton, M. A., Mowbray, C. T., Luke, D. A., Davidson, W. S., & BootsMiller, B. J. (1996). Minimizing participant attrition in panel studies through the use of effective retention and tracking strategies: Review and recommendations. *Evaluation and Program Planning, 19*, 1-25.

Mowbray, C. T., Ebejer, M., Deiz, N., Solomon, M., Brown, W., Bandla, H., Ribisl, K. M., Luke, D. A., Davidson, W. S., & Herman, S. (1995). Treatment for mental illness and substance abuse in a public psychiatric hospital: Successful strategies and challenging problems. *Journal of Substance Abuse Treatment, 12*, 129-139.

Luke, D. A. (1993). Charting the process of change: A primer on survival analysis. *American Journal of Community Psychology, 21*, 203-246.

Luke, D. A., Roberts, L., & Rappaport, J. (1993). Individual, group context, and individual-group fit predictors of self-help group attendance. *Journal of Applied Behavioral Science, 29*, 214-236.

Reprinted in:

Powell, T. J., (Ed.). (1994). *Understanding the self-help organization: Frameworks and findings*. Thousand Oaks, CA: SAGE Publications, Inc.

Rapkin, B., & Luke, D. A. (1993). Cluster analysis in community research: Epistemology and practice. *American Journal of Community Psychology, 21*, 247-277.

Ribisl, K. M., & Luke, D. A. (1993). Social network characteristics of persons with dual diagnosis. *The Community Psychologist, 27*, 44-45.

Luke, D. A., Rappaport, J., & Seidman, E. (1991). Expanding behavior setting theory: Setting phenotypes in a mutual help organization. *American Journal of Community Psychology, 19*, 147-167.

Reprinted in:

Revenson, T. A., D'Augelli, A. R., French, S. E., Hughes, D., Livert, D., Seidman, E., Shinn, M., & Yoshikawa, H. (Eds.). (2002). *Ecological Research to Promote Social Change: Methodological Advances from Community Psychology*. New York: Plenum.

Roberts, L. J., Luke, D. A., Rappaport, J., Seidman, E., Toro, P., & Reischl, T. M. (1991). Charting uncharted terrain: A behavioral observation system for mutual help groups. *American Journal of Community Psychology, 19*, 715-737.

Toro, P. A., Reischl, T. M., Zimmerman, M. A., Rappaport, J., Seidman, E., Luke, D. A., & Roberts, L. J. (1988). Professionals in mutual help groups: Impact on social climate and members' behavior. *Journal of Consulting and Clinical Psychology, 56*, 631-632.

In preparation and under editorial review:

Leischow S., Luke D.A., Mueller N.B., Harris J.K., Ponder P., Clark P.I. (under review). Mapping the US Department of Health and Human Services tobacco control leadership.

Luke, D. A., & Caburnay, C. A. (under review). Using constructed week sampling in newspaper content analysis of health stories.

Caburnay, C. A., Luke, D. A., et al. (in preparation). Using customized cancer news releases to increase quantity and quality of cancer coverage in Black newspapers.

Boyce, J. C., Mueller, N. B., Hogan-Watts, M., Luke, D. A., Compton, D. (under review). Evaluating the strength of school tobacco policies: The development of a practical rating system.

Schneider, J. K., Cook, J. H., & Luke, D. A. (under review). Effects of cognitive-behavioral therapy on self-reported exercise behavior and functional outcomes in older adults.

TECHNICAL REPORTS, BRIEF REPORTS, COMMERCIAL PRODUCTS

The Center for Tobacco Policy Research. (2003). *The Washington Profile: A review of Washington's tobacco prevention & control program*. St. Louis, MO. Available online at: <http://ctpr.slu.edu/practices.html>.

Other state evaluation reports are available for Oklahoma, Indiana, Wyoming, New York, Michigan, Pennsylvania, Mississippi, Hawaii, and Missouri. Available online at: <http://ctpr.slu.edu/practices.html>.

Laumann, G., Luke, D. A., & Stewart, M. (Eds.). (1988). *Self-help directory* (3rd ed.). Champaign, IL: Family Service of Champaign County.

Luke, D. A., & Luke, R. E. (1986). *CMS: A general-purpose clinic management system* [Computer program]. Champaign, IL.

Bradbury, T. N., & Luke, D. A. (1985). A comment on Sarason. *American Psychologist, 40*, 966-967.

INVITED PRESENTATIONS

- Luke, D. A. (2007, November). *Do warning labels work? Lessons from tobacco control*. Invited presentation to the 8th Annual NCRG Conference on Gambling and Addiction, NCRG, Las Vegas, NV.
- Luke, D. A., & Mueller, N. B. (2006, June). *A sustainability model for state tobacco control: Maintaining program effectiveness in good times and bad*. Invited national netconference, Office on Smoking and Health, CDC.
- Luke, D. A. (2006, March). *Inter-organizational network analysis: The utility of a systems approach to health research and practice*. Invited presentation to annual meeting of the American Academy of Health Behavior, Carmel, CA.
- Luke, D. A. (2005, August). *Capturing the context of health: The utility of multilevel modeling in public health*. Invited presentation to the Behavioral Science Working Group, Centers for Disease Control & Prevention, Atlanta, GA.
- Luke, D. A. (2005, June) *An Exploration Of Multilevel Models: The Good, The Bad, And The Ugly*. Invited discussant for symposium presented at the Biennial Conference of the Society for Community Research & Action, Champaign, IL.
- Luke, D. A., & Mueller, N. B. (2004, June). *Evaluation of changes in tobacco control programs: Utility of a systems approach for assessing sustainability*. Plenary talk presented at the Tobacco Control Investigators Meeting: Synthesizing Research for the Public's Health, NCI, San Diego, CA.
- Luke, D. A. (2004, February) *Evaluation of effects of reduced funds*. Plenary talk presented at the Evaluation of Surveillance and Evaluation Workshop, CDC, Atlanta, GA.
- Luke, D. A. (1998, October). *Teen's Images of Smoking*. Paper presented at the 1998 National Conference on Tobacco and Health, St. Paul, MN.
- Luke, D. A. (1993, February). *Putting the elephant together: The ecology of self-help participation*. Paper presented at the Center for Self-Help Research & Knowledge Dissemination Conference on Self-Help Research, Ann Arbor, MI.

SELECTED PAPER PRESENTATIONS

- Harris, J. K., Luke, D. A., Ballew, P., & Brownson (2008, January). *Are there similarities in the interorganizational network structures of state public health systems? Using network analysis to compare tobacco control programs to physical activity promotion programs*. Poster presented at the 28th annual International Sunbelt Social Network Conference, St. Pete Beach, Florida.
- Harris, J. K., Luke, D. A., & Zuckerman, R. (2007, January). *From discovery to dissemination: Using citation network analysis to examine connections between two branches of secondhand smoke research*. Poster presented at the 27th annual International Sunbelt Social Network Conference, Corfu, Greece.
- Harris, J. K., Zuckerman, R., Burke, R. C., Herbers, S. H., & Luke, D. A. (2006, November). *Where in the world are our evaluation results? Using the Web to*

- disseminate research findings*. Poster presented at the 134th Annual Meeting of the American Public Health Association, Boston, MA.
- Luke, D. A., Harris, J. K., Mueller, N. B., Ponder, P., & Leischow, S. (2006, February). *Mapping the U.S. Department of Health and Human Services tobacco control leadership*. Paper presented at the Society for Research on Nicotine and Tobacco's 12th Annual Meeting, Orlando, FL.
- Luke, D. A., Harris, J. K., Mueller, N. B., & Burke, R. C. (2005, December). *Using network analysis to evaluate tobacco control programs*. Paper presented at the 133rd Annual Meeting of the American Public Health Association, Philadelphia, PA.
- Mueller, N. B., Boyce, J. C., Hogan-Watts, M. L., & Luke, D. A. (2005, December). *Evaluating the strength of school tobacco policies: The development of a practical rating system*. Paper presented at the 133rd Annual Meeting of the American Public Health Association, Philadelphia, PA.
- Harris, J. K., Burke, R. C., Herbers, S. H., Mueller, N. B., & Luke, D. A. (2005, December). *Examining the changes in communication networks of two state tobacco programs: A social network analysis*. Paper presented at the 133rd Annual Meeting of the American Public Health Association, Philadelphia, PA.
- Luke, D. A., Mueller, N. B., Harris, J. K., Montgomery, T. P., & Burke, R. C. (2005, March). *Using network analysis to evaluate tobacco control program systems*. Paper presented at the Society for Research on Nicotine and Tobacco's 11th Annual Meeting, Prague, Czech Republic.
- Luke, D. A., Schmitt, C., Clark, P., & Mueller, N. B. (2004, June). *The consequences of defunding state tobacco control programs: A model for data sharing*. Paper presented at the Tobacco Control Investigators Meeting: Synthesizing Research for the Public's Health, NCI, San Diego, CA.
- Krauss, M.J., Mueller, N.H., and Luke, D.A. (February 2003) *Using social network analysis to examine inter-organizational relationships in tobacco control*. Paper presented at the 17th National Conference on Chronic Disease Prevention and Control, St. Louis, MO.
- Luke, D. A., & Krauss, M. (2002, November). *Relationship between Tobacco Industry political contributions and U.S. Congressional activity*. Paper presented at the 2002 National Conference on Tobacco or Health, San Francisco, CA.
- Mueller, N., & Luke, D. A. (2002, November). *Best Practices: Current policy, evaluation, & practice*. Paper presented at the 2002 National Conference on Tobacco or Health, San Francisco, CA.

- Luke, D. A. (1999, June). *Wearing multiple hats: Statistics, public health, and community psychology*. Paper presented at the 7th Biennial Conference of the Society for Community Research and Action, New Haven, CT.
- Luke, D. A. (1998, March). *A cloudy view: Teens' images of smokers*. Paper presented at the 4th Annual Scientific Sessions of the Society for Research on Nicotine and Tobacco, New Orleans, LA.
- Esmundo, E., Luke, D. A., & Rafii, R. (1998, March). *Smoke signs: An analysis of tobacco billboard advertising*. Poster presented at the 4th Annual Scientific Sessions of the Society for Research on Nicotine and Tobacco, New Orleans, LA.
- Luke, D. A. (1997, May) *Virtual self-help: The emergence of online support groups*. Paper presented at the 5th Biennial Conference on Community Research & Action, Columbia, SC.
- Luke, D. A., Weber, D., Cromer, L. (1996, November). *Gender, race and maps: Dimensions of functional value of teen smoking*. Paper presented at the 124th Annual Meeting of the American Public Health Association, New York, NY.
- Luke, D. A., Breer, M. L., Campbell, R., Embree, M. G., Englund, S., Huber-Yoder, M. S., Lizotte, H. A. (1993, June). *Concept Mapping: Using a new technique to understand feminist issues*. Symposium presented at the 4th Biennial Conference on Community Research & Action, Williamsburg, VA.
- Klump, K., Luke, D. A., Mowbray, C. (1993, June). *Exploring diversity in a dual-diagnosis population: An example of cluster analysis*. Paper presented at the 4th Biennial Conference on Community Research & Action, Williamsburg, VA.
- Ribisl, K., Luke, D., Mowbray, C., Boots, B., Davidson, W., Dinverno, A. M., & Kewson, T. (1992, November). *Specialized dual-diagnosis treatment: Short-term evaluation findings*. Paper presented at the American Public Health Association's 120th Annual Meeting, Washington, DC.
- Luke, D. A., & Roberts, L. J. (1992, August). *A two stage model of self-help group participation*. Paper presented at the Centennial Convention of the American Psychological Association, Washington, DC.
- Mowbray, C., & Luke, D. (1992, August). *Characteristics of dually diagnosed patients in a public psychiatric hospital: Subgroup differences*. Paper presented at the Centennial Convention of the American Psychological Association, Washington, DC.
- Ribisl, K., Luke, D., Mowbray, C., Davidson, W., & Boots, B. (1992, August). *Results on the short-term effectiveness of a specialized, inpatient, treatment program for the dually diagnosed*. Paper presented at the Centennial Convention of the American Psychological Association, Washington, DC.
- Luke, D. A. (1991, June). *Measuring change in a self-help group: Outcome redefined*. Paper presented at the 3rd Biennial Conference on Community Research & Action, Tempe, AZ.

- Luke, D. A., Boots, B., Wordes, M., & Ribisl, K. (1991, June). *The social ecology of inpatient dual-diagnosis treatment settings*. Paper presented at the 3rd Biennial Conference on Community Research & Action, Tempe, AZ.
- Luke, D. A. (1991, November). *Evaluations at the cutting edge of mental health interventions: Self-help groups*. Paper presented at the American Evaluation Association Annual Meeting, Chicago, IL.
- Luke, D. A., & Stewart, M. (1989, October). *The self-help center: An innovative setting for service provision*. Paper presented at the Biennial Family Service America National Conference, Tampa, FL.
- Luke, D. A. (1989, June). *Open systems and the search for valid methods*. Paper presented at the Second Biennial Conference on Community Research & Action, East Lansing, MI.
- Luke, D. A. (1989, June). *Assessing individual change in a mutual help organization*. Paper presented at the Second Biennial Conference on Community Research & Action, East Lansing, MI.
- Luke, D. A. (1989, June). *Action anthropology and the context of community help*. Paper presented at the Second Biennial Conference on Community Research & Action, East Lansing, MI.
- Luke, D. A. (1988, July). *Cluster analysis and the formation of setting taxonomies*. Paper presented at the 21st Annual Mathematical Psychology Meeting, Evanston, IL.
- Luke, D. A. (1987, May). *The impact of organizational culture on group behavior*. Paper presented at the First Biennial Conference on Community Research and Action, Columbia, SC.
- Toro, P. A., Roberts, L. J., Luke, D. A., Rappaport, J., Seidman, E. (1986, November). *Evaluation research on mutual help groups*. Paper presented at the 20th Annual AABT Conference, Chicago, IL.
- Luke, D. A. (1985, October). *Ecologically based definitions of 'minority'*. In D. A. Luke (Chair), *Defining 'minority': Should we accept the majority view?* Symposium conducted at the 1985 Annual Midwestern Eco-Community Conference, Gurnee, Illinois.
- Luke, D. A. (1985, August). *Computerizing the clinic: Practical, financial and ethical issues*. Paper presented at the 93rd Annual Meeting of the American Psychological Association, Los Angeles, CA.
- Luke, D. A., & Rapkin, B. (1985, August). *Behavioral differences among groups within a mutual help organization*. Paper presented at the 93rd Annual Meeting of the American Psychological Association, Los Angeles, CA.

PROFESSIONAL SERVICE

Grant and Contract Proposal Reviews:

CSR Study Section Member – *Community Influences on Health Behavior (CIHB)*. National Institute of Health, 2005-Present.

Review Panel – *ICTS Novel Methodologies and Pilot Studies Program*, Washington University Institute of Clinical and Translational Sciences, 2008.

Contract Review Panel – *National Treatment Outcomes Monitoring System*, Substance Abuse and Mental Health Services Administration, 2002.

Contract Review Panel – *National Analytic Center for the National Household Survey on Drug Abuse*, Substance Abuse and Mental Health Services Administration, 1999.

Program Project Review Panel – *Tobacco Use and Oral Cancer: Etiology and Prevention*, National Institute of Dental & Craniofacial Research, 1999.

Scientific Peer Review Panel – Small Project Special Review Committee, Agency for Health Care Policy & Research, 1998.

Editorial:

American Journal of Community Psychology

Tobacco Control

American Journal of Public Health

American Journal of Evaluation

Health Education & Behavior

Preventive Medicine

Journal of Gerontology: Social Sciences

Psychological Assessment

Evaluation and Program Planning

British Journal of Social Psychology

Evaluation and Program Planning

Book reviewer for Enslow Publishers.

Student editor, *American Journal of Community Psychology* (1989)

Other Professional Service Activities:

President, Saint Louis University School of Public Health Faculty Assembly, 2006-2007.

Member, *Missouri's Comprehensive Tobacco Use Prevention Program Strategic Plan Workgroup*, 2006.

Member, Special Tobacco Program Review Panel, Pennsylvania Department of Health.

Member, Task Force on Nicotine Dependence, United HealthCare, 1999.

Member, Family Advocacy and Education Program Advisory Council, Family Service of Champaign County, 1986.

Midwest Region Student Representative, Society for Community Research & Action, 1985.

Professional Affiliations:

American Public Health Association
Society for Community Research & Action
American Statistical Association
Classification Society of North America
International Network for Social Network Analysis

COURSES TAUGHT

Saint Louis University, 1994-2007:

Principles of Biostatistics
Multilevel and Longitudinal Modeling
Analysis of Variance
Social Network Analysis
Cluster Analysis
Exploratory Data Analysis
Applied Data Management
Ph.D. Seminar in Design and Analysis

Harvard University, 2001:

Multivariate Statistical Analysis

Michigan State University, 1991-1994:

Alternative Research Methods for Social Scientists
Proseminar in Ecological Psychology
Psychological Statistics
Seminar in Mental Health Service Systems Research

University of Illinois, 1983-1990:

Advanced Quantitative Methods - Analysis of Variance
Abnormal Psychology
Programming Advanced Database Applications
Clinical Psychology
Introduction to Psychology