

MARY M. GERKOVICH, Ph.D.

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CURRENT POSITION:

Associate Professor
Department of Biomedical and Health Informatics
University of Missouri-Kansas City
School of Medicine

EDUCATION:

- 1998 Doctor of Philosophy Degree: Experimental Psychology with an emphasis on Statistics and Quantitative Methods, University of Kansas, Lawrence, Kansas
- 1981 Master of Arts Degree: Psychology, University of Missouri-Kansas City, Kansas City, Missouri
- 1972 Bachelor of Arts Degree: Psychology, University of Kansas, Lawrence, Kansas

AREAS OF RESEARCH INTEREST:

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| Research Methodology | Health Behavior Change |
| Statistical Analysis | Health Behavior Decision Making |
| Measurement and Evaluation | Adherence to Medical Treatment |
| Analysis of Administrative Health Information | Secondary Data Analysis |

ADDITIONAL TRAINING:

Course work in: Research Methodology, Statistics, Clinical Research Informatics, Statistical Analysis Programming, and Computer Programming (Basic, Fortran, Assembler, and Cobol); course work completed at the University of Kansas, University of Missouri-Kansas City, The Ohio State University, Ohio University, BMDP Institute, and Johnson County Community College; 1977 – present

Workshops on: Healthcare Cost and Utilization Project Data, Data Mining using WEKA, Medical Expenditure Panel Survey Data, Real-Time Data Capture, Event History Analysis, Hierarchical Linear Modeling, Structural Equation Modeling, Latent Transition Analysis, Power Analysis and Research Design, and Analysis of Categorical Response Variables; 1995 - present

ACADEMIC EXPERIENCE:

2002-2005	Adjunct Faculty and research associate; Department of Psychology, University of Missouri-Kansas City, Kansas City, Missouri
2004-2009	Program Director; Department of Psychology, University of Missouri-Kansas City, Kansas City, Missouri
2005-2009	Associate Research Professor; Department of Psychology, University of Missouri-Kansas City, Kansas City, Missouri
2009-2011	Research Associate Professor; Department of Biomedical and Health Informatics, School of Medicine, University of Missouri-Kansas City, Kansas City, Missouri
2011-present	Associate Professor; Department of Biomedical and Health Informatics, School of Medicine, University of Missouri-Kansas City, Kansas City, Missouri

PREVIOUS EXPERIENCE:

1973-1975	Research Assistant; University of Kansas, College of Health Sciences, Kansas City, Kansas
1975-1986	Junior Scientist, Assistant Scientist, Associate Scientist; Midwest Research Institute, Kansas City, Missouri
1986-1998	Senior Biostatistician/Psychophysicologist; Midwest Research Institute, Kansas City, Missouri
1998-1999	Associate Section Manager; Biobehavioral Sciences Section, Midwest Research Institute, Kansas City, Missouri
1999-2001	Section Manager; Health Assessment and Research Center (formerly Biobehavioral Sciences Section), Midwest Research Institute, Kansas City, Missouri
2001-present	Consultant providing services including research design, data management, and statistical analysis

COURSES TAUGHT:

PSYCH 302	Experimental Psychology, undergraduate level
PSYCH 316	Quantitative Methods in Psychology, undergraduate level
PSYCH 517	Multiple Regression and Multivariate Analysis, graduate level
PSYCH 601	Experimental Methods in Design and Analysis I, graduate level
MEDB 5502	Biostatistics II, graduate level
MEDB 5510	Clinical Research Methods, graduate level
MEDB 5513	Overview of Health Services Research, graduate level (co-instructor)

GRANTSMANSHIP:

Extramural Funding (most recent)

- 1989-2000 "Reversal Theory and the Motivations for Health Behavior"
Principal Investigator: Cook, M.R.
Role: Co-Investigator and Statistician
National Institutes of Health, National Institute of Nursing Research
- 1997-2001 "Individual Differences in Neurobehavioral Effects of Pyridostigmine"
Principal Investigator: Cook, M. R.
Role: Task Leader and Statistician
U.S. Army Medical Research Acquisition Activity
- 2000-2005 "Understanding Smoking Among College Students"
Principal Investigator: Harris, K. J.
Role: Co-Investigator
National Institutes of Health, National Cancer Institute and Cancer Research Foundation of America
- 2000-2005 "Autonomic Dysfunction in Gulf War Veterans"
Principal Investigator: Sastre, A,
Role: Consultant for statistical analysis
U.S. Army Medical Research Acquisition Activity
- 2001-2005 "Behaviors and Cognitions for Resisting the Urge to Smoke"
Principal Investigator: O'Connell, K. A.
Role: Consultant for data management and statistical analysis
National Institutes of Health, National Institute of Nursing Research
- 2003-2006 "Practical Implementations of Real-Time Heart Rate Variability"
Principal Investigator: Sastre, A.
Role: Consultant for statistical analysis
U.S. Army Medical Research Acquisition Activity
- 2004-2010 "ART Adherence: Observed Therapy and Enhanced Counseling"
Principal Investigator: Goggin, K.
Role: Co-Investigator and Project Director
National Institutes of Health, National Institute of Mental Health
- 2005-2012 "A Randomized, Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of Lessertia Frutescens in HIV-infected South Africans"
Principal Investigator: Wilson, D, and Goggin, K.
Role: Co-Investigator and Data Management supervision
National Institutes of Health, National Center for Complementary and Alternative Medicine

- 2009-2012 “CAM, Medical Service Utilization, and Quality of Care among Patients with Musculoskeletal Conditions”
Principal Investigator: Bill Lafferty
Role: Statistical Analyst
National Institutes of Health, National Center for Complementary and Alternative Medicine
- 2012-present “Research Support for the Study of Clinical Pharmacists’ Roles, Responsibilities, and Impact”
Principal Investigator: Mary Gerkovich
Role: PI
American College of Clinical Pharmacy
- 2013-present “Factors Related to Engagement in Medical Care”
Principal Investigator: Mary M. Gerkovich
Role: PI
University of Missouri Research Board

Intramural Funding

- 2001 "Tobacco Consumption Behavior and the Cognitive Effects of Tobacco Smoking"
Co-Investigators: Gerkovich, M. M., Cook, M. R., Grobe, J. E., Atchley, P., Atchley, R., and Schreiber, T.
University of Kansas/Midwest Research Institute Alliance
- 2013 “Engagement in Care Interview Study”
Principal Investigator: Mary M. Gerkovich
Role: PI
Department of Biomedical and Health Informatics Fund

PUBLICATIONS AND PRESENTATIONS:

Journal Articles (Peer-Reviewed)

Graham, C., Bond, S. S., **Gerkovich, M. M.**, & Cook, M. R. (1980). Use of the McGill Pain Questionnaire in the assessment of cancer pain: Replicability and consistency. *Pain*, 8, 377-387.

Graham, C., Cook, M. R., Cohen, H. D., Phelps, J. W., & **Gerkovich, M. M.** (1986). STAR: A unique embedded performance assessment technique. *Behavior Research Methods, Instruments, and Computers*, 17, 642-651.

Graham, C., Cook, M. R., Cohen, H. D., Phelps, J. W., & **Gerkovich, M. M.** (1986). Effects of variation in physical effort on frontalis EMG activity. *Biofeedback and Self-Regulation*, 11, 135-141.

Fears, B. A., **Gerkovich, M. M.**, O'Connell, K. A., & Cook, M. R. (1987). Evaluation of salivary thiocyanate as an indicator of smoking behavior. *Health Psychology, 6*, 561-568.

O'Connell, K. A., **Gerkovich, M. M.**, Fears, B. A., & Cook, M. R. (1988). The influence of salivary stimulation on the validity of thiocyanate as an index of smoking status. *Addictive Behaviors, 13*, 383-386.

Gerkovich, M. M., O'Connell, K. A., Fears, B. A., & Cook, M. R. (1990). Measurement of salivary thiocyanate during the process of smoking cessation. *Journal of Substance Abuse, 2*, 69-75.

O'Connell, K. A., Cook, M. R., **Gerkovich, M. M.**, Potocky, M., & Swan, G. E. (1990). Reversal theory and smoking: A state-based approach to ex-smokers' highly tempting situations. *Journal of Consulting and Clinical Psychology, 58*, 489-494.

O'Connell, K. A., Fears, B. A., Cook, M. R., **Gerkovich, M. M.**, & Zechmann, A. (1991). Overcoming the urge to smoke: The strategies of long-term abstainers and late relapsers. *Psychology of Addictive Behaviors, 5*, 1-8.

Potocky, M., **Gerkovich, M. M.**, O'Connell, K. A., & Cook, M. R. (1991). State-outcome consistency in smoking relapse crises: A reversal theory approach. *Journal of Consulting and Clinical Psychology, 59*, 351-353.

Cook, M. R., Graham, C. Cohen, H. D., & **Gerkovich, M. M.** (1992). A replication study of human exposure to 60-hz fields: (1) Effects on neurobehavioral measures. *Bioelectromagnetics, 13*, 261-285.

Cook, M. R., **Gerkovich, M. M.**, Potocky, M., & O'Connell, K. A. (1993). Instruments for the assessment of reversal theory states. *Patient Education and Counseling, 22*, 99-106.

Gerkovich, M. M., Cook, M. R., O'Connell, K. A., & Potocky, M. (1993). Reversal theory analysis of relapse crises following smoking cessation. *Patient Education and Counseling, 22*, 91-97.

Graham, C., Cook, M. R., Cohen, H. D., & **Gerkovich, M. M.** (1994). Dose response study of human exposure to 60 hz electric and magnetic fields. *Bioelectromagnetics, 15*, 447-463.

Cook, M. R., **Gerkovich, M. M.**, Hoffman, S. J., McClernon, F. J., Cohen, H. D., Oakleaf, K. L., & O'Connell, K. A. (1995). Smoking and EEG power spectra: Effects of differences in arousal seeking. *International Journal of Psychophysiology, 19*, 247-256.

Cook, M. R., **Gerkovich, M. M.**, O'Connell, K. A., & Potocky, M. (1995). Reversal theory constructs and cigarette availability predict lapse early in smoking cessation. *Research in Nursing and Health, 18*, 217-224.

- O'Connell, K. A., **Gerkovich, M. M.**, & Cook, M. R. (1995). Reversal theory's mastery and sympathy states in smoking cessation. *Image: Journal of Nursing Scholarship*, 27, 311-316.
- Cook, M. R., **Gerkovich, M. M.**, Hoffman, S. J., McClernon, F. J., & O'Connell, K. A. (1996). Effects of smoking and telic/paratelic dominance on the CNV. *International Journal of Psychophysiology*, 23, 101-110
- Graham, C., Cook, M. R., Riffle, D. W., **Gerkovich, M. M.**, & Cohen, H. D. (1996). Nocturnal melatonin levels in human volunteers exposed to intermittent 60 hz magnetic fields. *Bioelectromagnetics*, 17, 263-273.
- Graham, C., Cook, M. R., Riffle, D. W., **Gerkovich, M. M.**, & Cohen, H. D. (1997). Human melatonin during continuous magnetic field exposure. *Bioelectromagnetics*, 18, 166-171.
- Gerkovich, M. M.**, Cook, M. R., Hoffman, S. J., & O'Connell, K. A. (1998). Individual differences in cardiac and EMG activity after smoking. *Personality and Individual Differences*, 25, 353-364.
- Males, J. R., Kerr, J. H., & **Gerkovich, M. M.** (1998). Metamotivational states during canoe slalom competition: A qualitative analysis using reversal theory. *Journal of Applied Sport Psychology*, 10, 185-200.
- O'Connell, K. A., **Gerkovich, M. M.**, Cook, M. R., Shiffman, S., Hickcox, M., & Kakolewski, K. E. (1998). Coping in real time: Using ecological momentary assessment techniques to assess coping with the urge to smoke. *Research in Nursing and Health*, 21, 487-497.
- Graham, C., Cook, M. R., Cohen, H. D., Riffle, D. W., Hoffman, S., & **Gerkovich, M. M.** (1999). Human exposure to 60-hz magnetic fields: Neurophysiological effects. *International Journal of Psychophysiology*, 33, 169-175.
- Graham, C., Cook, M. R., Sastre, A., **Gerkovich, M. M.**, & Kavet, R. (2000). Cardiac autonomic control mechanisms in power-frequency magnetic fields: A multi-study analysis. *Environmental Health Perspectives*, 108, 737-742.
- Graham, C., Cook, M. R., Sastre, A., Riffle, D. W., & **Gerkovich, M. M.** (2000). Multi-night exposure to 60-hz magnetic fields: Effects on melatonin and its enzymatic metabolite. *Journal of Pineal Research*, 28, 1-8.
- Graham, C., Sastre, A., Cook, M. R., & **Gerkovich, M. M.** (2000). Nocturnal magnetic field exposure: Gender-specific effects on heart rate variability and sleep. *Clinical Neurophysiology*, 111, 1936-1941.
- Graham C., Sastre, A., Cook, M. R., Kavet, R., **Gerkovich, M. M.**, & Riffle, D. W. (2000). Exposure to strong ELF magnetic fields does not alter cardiac autonomic control mechanisms. *Bioelectromagnetics*, 21, 413-421.

- O'Connell, K. A., **Gerkovich, M. M.**, Bott, M., Cook, M. R., & Shiffman, S. (2000). Playfulness, arousal-seeking, and rebelliousness during smoking cessation. *Personality and Individual Differences, 29*, 671-683.
- Popkess-Vawter, S., **Gerkovich, M. M.**, & Wendel, S. (2000). Reliability and validity of the Overeating Tension Scale. *Journal of Nursing Measurement, 8*, 145-160.
- Cook, M. R., **Gerkovich, M. M.**, Sastre, A., & Graham, C. (2001). Side effects of low-dose pyridostigmine bromide are not related to cholinesterase inhibition. *Aviation, Space, and Environmental Medicine, 72*, 1102-1106.
- Graham, C., Cook, M. R., **Gerkovich, M. M.**, & Sastre, A. (2001). Examination of the melatonin hypothesis in women exposed at night to EMF or bright light. *Environmental Health Perspectives, 109*, 501-50.
- Graham, C., Cook, M. R., **Gerkovich, M. M.**, & Sastre, A. (2001). Melatonin and 6-OHMS in high-intensity magnetic fields. *Journal of Pineal Research, 31*, 85-88.
- Graham, C., Sastre, A., Cook, M. R., & **Gerkovich, M. M.** (2001). All-night exposure to EMF does not alter urinary melatonin, 6-OHMS, or immune measures, in older men and women. *Journal of Pineal Research, 31*, 109-113.
- Kerr, J. H., **Gerkovich, M. M.**, & Cook, M. R. (2001). A preliminary validation of the telic and paratelic dominance scales with Japanese respondents. *South Pacific Journal of Psychology, 12*, 23-32.
- Cook, M. R., **Gerkovich, M. M.**, Graham, C., Hoffman, S. J., & Peterson, R. C. (2002). Effects of the nicotine patch on performance during the first week of smoking cessation. *Nicotine and Tobacco Research, 5*, 169-180.
- Cook, M. R., Graham, C., Sastre, A., & **Gerkovich, M. M.** (2002). Physiological and performance effects of pyridostigmine bromide in healthy volunteers: A dose-response study. *Psychopharmacology, 162*, 186-192.
- O'Connell, K. A., **Gerkovich, M. M.**, Bott, M., Cook, M. R., & Shiffman, S. (2002). The effect of anticipatory strategies on the first day of smoking cessation. *Psychology of Addictive Behaviors, 16*, 150-156.
- Sastre, A., Graham, C., Cook, M. R., **Gerkovich, M. M.**, & Gailey, P. (2002). Human EEG responses to controlled alterations of the earth's magnetic field. *Clinical Neurophysiology, 113*, 1382-1390.
- O'Connell, K. A., Schwartz, J. E., **Gerkovich, M. M.**, Bott, M. J., & Shiffman, S. (2004). Playful and rebellious states versus negative affect in explaining the occurrence of temptations and lapses during smoking cessation. *Nicotine and Tobacco Research, 6*, 661-674.

Shearer, J. D., Siemann, L., **Gerkovich, M.**, & House, R. V. (2005). Biological activity of an intravenous preparation of human vaccinia immune globulin in mouse models of vaccinia virus infection. *Antimicrobial Agents and Chemotherapy*, *49*, 2634-2641.

Wise, D., Goggin, K., **Gerkovich, M.**, Metcalf, K., & Kennedy, S. (2006). Predicting intentions to use condoms using gender, sexual experience and the Theory of Planned Behavior. *American Journal of Health Education*, *37*, 210-218.

Cobb, C. M., Williams, K. B., & **Gerkovich, M. M.** (2009). Is the prevalence of periodontitis in the United States in decline? *Periodontology 2000*, *50*, 13-24.

Golin, C., Quinlivan, E. B., Wright, J., **Gerkovich, M.**, Tien, H-C, Patel, S.N., Gardner, L., Marks, G., O'Daniels, C., Wilson, T.E., Thrun, M., & Thompson, M. (2009). Psychosocial characteristics and sexual behaviors of people in care for HIV infection: An examination of men who have sex with men, heterosexual men and women. *AIDS and Behavior*, *13*, 1129-1142.

Lynam, I., Catley, D., Goggin, K., Rabinowitz, J., **Gerkovich, M. M.**, Williams, K., Wright, J., and MOTIV8. (2009). Autonomous regulation and locus of control as predictors of antiretroviral medication adherence. *The Journal of Health Psychology*, *14*, 578-586. PMID:19383658.

Goggin, K., Gqaleni, N., Mbhele, A.L., Makhathini, M.E., Buthelezi, T.D., Ndlovu, S.W., Shange, V.F., Thabethe, M.A., Mkhwanazi, D.A., Nkomo-Gwala, B.L., Hlongwane, T., Mdlalose, T., Ngubane, L., Wilson, D., Wu, A.W., Bartman, P., **Gerkovich, M.**, Williams, K., Berkley-Patton, J., Tsolekile, L., Puoane, T., Catley, D., Johnson, Q., & Folk, W. (2010). The translation and cultural adaptation of patient-reported outcome measures for a clinical study involving Traditional Health Providers and biomedically trained practitioners. *Alternation*, *17*(1), 273-294.

Finocchiaro-Kessler S., Catley, D., Berkley-Patton, J., **Gerkovich, M.**, Williams, K., & Goggin, K. (2011). Baseline predictors of >90% antiretroviral therapy adherence in a diverse urban sample: The role of patient autonomy and fatalistic religious beliefs. *AIDS Patient Care and STDs*, *25*, 1-9. PMID:21235403.

Steele, L., Sastre, A., **Gerkovich, M. M.**, & Cook, M. R. (2012). Complex factors in the etiology of Gulf War illness I: Wartime exposures and risk factors differ in veteran subgroups. *Environmental Health Perspectives*, *120*, 112-118. <http://dx.doi.org/10.1289/ehp.1003399>.

Marinac, J. S., & **Gerkovich, M. M.** (2012). Outcomes from a mentored research boot camp: Focused Investigator Training (FIT) program. *Pharmacotherapy*, *32*(9), 792-8.

Martinez, D. A., Goggin, K., Catley, D., **Gerkovich, M. M.**, Williams, K., Wright, J., Berkley-Patton, J., & MOTIV8 (2012). Do coping styles mediate the relationship between substance use and educational attainment and antiretroviral adherence? *AIDS Behavior*, *16*, 2319-2329. DOI 10.1007/s10461-012-0222-1. PMID:22673969.

Lind, B. K., **Gerkovich, M. M.**, Cherkin, D., Deyo, R., Sherman, K., & Lafferty, W. E. (2012). Effect of risk adjustment method on comparisons of health care utilization between complementary and alternative medicine users and non-users. *Journal of Alternative and Complementary Medicine*, 19(3), 250-256. DOI: 10.1089/acm.2011.0707.

Martin, B. I., **Gerkovich, M. M.**, Sherman, K. J., Lind, B. K., Deyo, R. A., Cherkin, D., & Lafferty, W. E. (2012) The association of complementary and alternative medicine use and health care expenditures for back and neck problems. *Medical Care*, 50, 1029-1036. PMID: 23132198.

Rao, K. C., Enriquez, M., Gantt, T. C., **Gerkovich, M. M.**, Bonham, A. J., Griffin, R. G., & Bamberger, D. M. (2013) Non-engagement in care in HIV: A descriptive and qualitative study in hospitalized patients and community-based analysis. *Journal of the International Association of Physicians in AIDS Care*, 12(3), 178-184. DOI: 10.1177/2325957412472058.

Goggin, K., **Gerkovich, M. M.**, Williams, K. B., Banderas, J., Catley, D., Berkley-Patton, J., Wagner, G. J., Stanford, J., Neville, S., Kumar, V., Bamberger, D. M., & Clough, L. A. (2013). A randomized control trial examining the efficacy of motivational counseling with observed therapy for antiretroviral therapy adherence. *AIDS and Behavior*, 17, 1992-2001. doi: 10.1007/s10461-013-0467-3. PMID:23568228.

Steele, L., Lockridge, O., **Gerkovich, M. M.**, Cook, M. R. & Sastre, A. (in press). Butyrylcholinesterase genotype and enzyme activity in relation to Gulf War illness: Preliminary evidence of gene-exposure interaction from a case-control study of 1991 Gulf War veterans. *Environmental Health*.

Other Publications (Book Chapters and Reports)

Graham, C., Cook, M. R., **Gerkovich, M. M.**, Cohen, H. D., Phelps, J. W., & Fotopoulos, S. S. (1984). Oral dose effects of pyridostigmine on human function. In *Proceedings of the 4th Annual Chemical Defense Biosciences Review* (pp. 121-129).

Fotopoulos, S. S., Graham, C., Cook, M. R., Koontz, E., **Gerkovich, M. M.**, & Cohen, H. D. (1987). 60-hz field effects on human neuroregulatory, immunologic, hematologic, and target organ activity. In L. E. Anderson, B. J. Kelman, & R. J. Weigel (Eds.), *Interaction of Biological Systems with Static and ELF Electric and Magnetic Fields* (pp. 455-470). (NTIS No. CONF-841041)

Graham, C., Cohen, H. D., Cook, M. R., Phelps, J., **Gerkovich, M. M.**, & Fotopoulos, S. S. (1987). A double-blind evaluation of 60-hz field effects on human performance, physiology and subjective state. In L. E. Anderson, B. J. Kelman, & R. J. Weigel, (Eds.), *Interaction of Biological Systems with Static and ELF Electric and Magnetic Fields* (pp. 471-486). (NTIS No. CONF-841041)

Cook, M. R., Bergman, F. J., Cohen, H. D., **Gerkovich, M. M.**, Graham, C., Harris, R. K., & Siemann, L. G. (1991). *Effects of methanol vapor on human neurobehavioral measures (Report No. 42)* Cambridge, Massachusetts: Health Effects Institute.

Cook, M. R., & **Gerkovich, M. M.** (1993). The development of a paratelic dominance scale. In J. H. Kerr, S. Murgatroyd, and M. J. Apter (Eds.), *Advances in Reversal Theory* (pp. 177-188). Amsterdam, Netherlands: Swets and Zeitlinger.

Gerkovich, M. M., Potocky, M., O'Connell, K. A., & Cook, M. R. (1993). Using the somatic modes of reversal theory to classify relapse crises in ex-smokers. In J. H. Kerr, S. Murgatroyd, and M. J. Apter (Eds.), *Advances in Reversal Theory* (pp. 235-246). Amsterdam, Netherlands: Swets and Zeitlinger.

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M. M.**, & Riffle, D. W. (1993). Protocol development for a study of magnetic-field effects on human melatonin. In M. Blank (Ed.), *Electricity and Magnetism in Biology and Medicine*. San Francisco, CA: San Francisco Press, Inc.

O'Connell, K. A., Potocky, M., **Gerkovich, M. M.**, & Cook, M. R. (1993). A reversal theory approach for categorizing strategies used to cope with temptations to smoke. In J. H. Kerr, S. Murgatroyd, and M. J. Apter (Eds.), *Advances in Reversal Theory* (pp. 226-233). Amsterdam, Netherlands: Swets and Zeitlinger.

Cook, M. R., **Gerkovich, M. M.**, & O'Connell, K. A. (1997). Differential EEG effects of smoking in the telic and paratelic states. In S. Svebak and M. J. Apter (Eds.), *Stress and Health: A Reversal Theory Perspective* (pp. 103-116). Washington, D.C.: Taylor and Francis.

Gerkovich, M. M. (1997). Understanding sexual risk-taking behavior. In S. Svebak and M. J. Apter (Eds.), *Stress and Health: A Reversal Theory Perspective* (pp. 131-142). Washington, D.C.: Taylor and Francis.

O'Connell, K. A., **Gerkovich, M. M.**, & Cook, M. R. (1997). Relapse crises during smoking cessation. In S. Svebak and M. J. Apter (Eds.), *Stress and Health: A Reversal Theory Perspective* (pp. 95-102). Washington, D.C.: Taylor and Francis.

Gerkovich, M. M. (1998). Modeling sexual risk behavior by heterosexuals. *Dissertation Abstracts International*.

Gerkovich, M. M. (2001). Risk-taking. In M. J. Apter (Ed.), *Motivational Styles in Everyday Life: A Guide to Reversal Theory* (pp. 215-228). Washington, D.C.: APA Books.

Berkley-Patton, J., Bradley-Ewing, A., Thomson, N., Carruth, T., **Gerkovich, M. M.**, & Goggin, K. (2008). Adherence masters: Reaching for perfection in ART adherence. In C. Pope, R. T. White, and R. Malow (Eds.), *HIV/AIDS: Global Frontiers in Prevention/Intervention*. Routledge Publishers.

Published Abstracts

Cook, M. R., Cohen, H.D., **Gerkovich, M. M.**, Anderson, F. H., & Graham, C. (1979). In vitro and in vivo tests of a continuous measure of cutaneous blood flow [Abstract]. *Psychophysiology*, *16*, 177.

Cook, M. R., **Gerkovich, M. M.**, Graham, C., Cohen, H.D., & Anderson, F. H. (1979). Effects of cognitive and physical stimuli on finger temperature [Abstract]. *Psychophysiology*, *16*, 176.

Fotopoulos, S. S., Knapp, T. M., Bond, S. S., **Gerkovich, M. M.**, Cook, M. R., & Graham, C. (1981). Evaluation of EEG, EMG, SCL feedback for cancer pain alleviation [Abstract]. *Biological Psychology*, *9*, 642.

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M. M.**, Phelps, J. W., & Fotopoulos, S. S. (1981). Physiological learning and EMG biofeedback: A criterion study using double-blind, yoked-control procedures [Abstract]. *Biofeedback and Self-Regulation*, *6*, 424.

Graham, C., Cohen, H. D., Phelps, J. W., **Gerkovich, M. M.**, & Cook, M. R. (1981). Forehead muscle activity as an index of general activation gradients [Abstract]. *Psychophysiology*, *18*, 143.

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M.**, Phelps, J. W., & Fotopoulos, S. S. (1982). EEG sleep stage analysis and EMG learning criteria [Abstract]. *Psychophysiology*, *19*, 319.

Gerkovich, M., Fears, B., O'Connell, K., & Cook, M. R. (1985). Methodological issues affecting SCN as an indicator of smoking status [Abstract]. *Psychophysiology*, *22*, 591.

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M. M.**, Fotopoulos, S. S., & Phelps, J. W. (1985). Further studies of the effects of 60-hz electric and magnetic fields on human function [Abstract]. In *Abstracts: Department of Energy Annual Meeting on Biological Effects from Electric and Magnetic Fields, Air Ions and Ion Currents Associated with High Voltage Transmission Lines*.

Graham, C., Cohen, H.D., Cook, M. R., **Gerkovich, M. M.**, & Phelps, J. W. (1985). Further human studies of the effects of exposure to 60-hz electric and magnetic fields [Abstract]. In *Abstracts of the Annual DOE/EPRI Contractors Review Meeting on Transmission Line Bioeffects Research*.

Graham, C., Phelps, J. W., Cook, M. R., **Gerkovich, M. M.**, & Cohen, H. D. (1985). Effects of 60-hz fields on human brain activity [Abstract]. In *Abstracts of the 7th Annual Meeting of the Bioelectromagnetics Society* (pp. 60).

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M. M.**, & Phelps, J. W. (1986). Studies of the effects of 60-hz electric and magnetic fields on human function [Abstract]. In *Abstracts of the Annual DOE/EPRI Contractors Review Meeting on Transmission Line Bioeffects Research*.

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M. M.**, & Phelps, J. W. (1987). Effects on humans of 60-Hz electric and magnetic fields at two intensity levels [Abstract]. In *Abstracts of the Annual DOE/EPRI Contractors Review Meeting on Transmission Line Bioeffects Research*.

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M. M.**, & Phelps, J. W. (1987). Further research on human exposure to 60-hz fields [Abstract]. In *Abstracts of the 9th Annual Meeting of the Bioelectromagnetics Society*.

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M. M.**, & Riffle, D. W. (1988). Effects of intermittent exposure to 60-hz fields on human physiology [Abstract]. In *Abstracts of the Annual DOE/EPRI Contractors Review Meeting on Transmission Line Bioeffects Research*.

Cook, M. R., **Gerkovich, M. M.**, Hoffman, S. J., McClernon, F. J., Cohen, H. D., & Oakleaf, K. L. (1994). Effects of smoking and paratelic dominance in the go/nogo CNV [Abstract]. *Psychophysiology*, 31(Suppl. 1), 35.

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Usman, S., **Gerkovich, M. M.**, & Gibson, M. E. (2014). Incidence and type of injuries in single versus multiple sport high school athletes. *Medicine and Science in Sports and Exercise*, 46(Suppl), #2831, 764-765.

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Publications Under Review or Revision

Banderas, J. W., Carruth, T., Thomson, D. M., Pinkston, M., **Gerkovich, M. M.**, & Goggin, K. J. for Project MOTIV8. Standard care measurement in antiretroviral therapy adherence research. Manuscript under revision.

Gerkovich, M. M., Bonham, A., Roberts, S., Williams, K. B., Rasu, R., & Lafferty, W.E. The occurrence and impact of chronic medical conditions in patients served by an urban safety net provider system: Comparison to a national sample. *International Journal for Equity in Health*. Revisions requested.

Gerkovich, M. M., Williams, K.B., Bartman, P., Magcaba, Z., Kumari, N., Wilson, D., Goggin, K., & Folk, W. Building capacity of providers and patients in South Africa: Challenges and opportunities from a clinical trial on HIV and phytotherapy. Manuscript under revision.

Pinkston, M. M., **Gerkovich, M. M.**, Williams, K., Banderas, J. W., Catley, D., & Goggin, K. J. An active learning intervention in medical schools: Encouraging empathy for the management of chronic diseases. *Journal of General Internal Medicine*. Manuscript under revision.

Steele, L., Lockridge, O., Sastre, A., Cook, M. R., & **Gerkovich, M. M.** Complex factors in the etiology of Gulf War illness II: Evidence of increased pyridostigmine bromide risk in butyrylcholinesterase genetic subgroup. Submitted for publication.

Teti, M., Conserve, D., Zhang, N, & **Gerkovich, M.** “Another way to talk”: Exploring photovoice as a strategy to support safe disclosure among men and women with HIV/AIDS. *AIDS Education and Prevention*. Manuscript under review.

Wilson, D., Goggin, K., Williams, K., Gerkovich, M., Gqaleni, N., Syce, J., Bartman, P., Johnson, Q., & Folk, W. Consumption of *Sutherlandia frutescens* by HIV-seropositive South African adults: An adaptive double-blind randomized placebo controlled trial. *PLOS ONE*. Manuscript under review.

Publications In Preparation

Banderas, J. W., **Gerkovich, M. M.**, Patel, S. N., Golin, C., Gardner, L., O'Daniels, C., & Marks, G. Evaluation of mediators of sexual risk behavior within a successful HIV transmission prevention intervention. Manuscript in preparation.

Catley, D., **Gerkovich, M. M.**, Williams, K. B., & Goggin, K. Motivation to adhere to HIV medications: Reliability and validity of a short, self-report measure. Manuscript in preparation.

Gerkovich, M. M., Moore, E. W., Marinac, J. S., Garavalia, B. J., & Touchette, D. R. A qualitative analysis of the activities and cognitive processes of clinical pharmacists while providing direct patient care. Manuscript in preparation.

Gerkovich, M. M., Williams, K. B., Banderas, J. M., & Goggin, K. Antiretroviral adherence: The role of person-level and regimen-level factors as predictors of adherence. Manuscript in preparation.

Peer-Reviewed Professional Presentations

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M. M.**, Phelps, J. W., & Fotopoulos, S. S. (1981, March). *Physiological learning and EMG biofeedback: A criterion study using double-blind yoked-control procedures*. Paper presented at the Annual Meeting of the Biofeedback Society of America, Louisville, Kentucky.

Fotopoulos, S. S., Cook, M. R., Graham, C., **Gerkovich, M. M.**, & Cohen, H. D. (1982, September). *Cancer pain: Evaluation of electromyographic and electrodermal feedback*. Paper presented at the 13th International Cancer Congress.

Bliss, R. E., O'Connell, K. A., & **Gerkovich, M.** (1984, August). *Factors contributing to false positive rates in ex-smokers' salivary thiocyanate*. Paper presented at the 92nd Annual Meeting of the American Psychological Association.

Fotopoulos, S. S., Cook, M. R., **Gerkovich, M. M.**, Koontz, E., Graham, C. & Cohen, H. D. (1984). *Effects of 60-hz fields on human biochemical activity*. Paper presented at the Annual DOE Meeting on Transmission Line Bioeffects, St. Louis, Missouri.

Fotopoulos, S. S., Graham, C., Cook, M. R., Koontz, E., **Gerkovich, M. M.**, & Cohen, H. D. (1984). *60-hz field effects on human neuroregulatory, immunologic, hematologic and target organ activity*. Paper presented at the 23rd Annual Hanford Life Sciences Symposium.

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M. M.**, Phelps, J. W., & Fotopoulos, S. S. (1984). *Human exposure to 60-hz fields: Effects on performance, physiology and subjective state*. Paper presented at the Annual DOE Meeting on Transmission Line Bioeffects, St. Louis, Missouri.

Graham, C., Cohen, H. D., Cook, M. R., Phelps, J., **Gerkovich, M. M.**, & Fotopoulos, S. S. (1984). *A double-blind evaluation of 60-hz field effects on human performance, physiology, and subjective state*. Paper presented at the 23rd Annual Hanford Life Sciences Symposium.

Graham, C., Cook, M. R., **Gerkovich, M. M.**, Cohen, H. D., Phelps, J. W., & Fotopoulos, S. S. (1984). *Oral dose effects of pyridostigmine on human function*. Paper presented at the 4th Annual Chemical Defense Biosciences Review Meeting.

Fears, B. A., **Gerkovich, M. M.**, O'Connell, K. A., & Cook, M. R. (1986, March). *Salivary thiocyanate as an index of smoking behavior. Methodological issues*. Paper presented at the Annual Meeting of the Society of Behavioral Medicine, San Francisco, California.

Gerkovich, M. M., Fears, B. A., O'Connell, K. A., Whitlock, R. V., Cook, M. R., & Koontz, E. I. (1986, August). *Changes in salivary thiocyanate during the process of smoking cessation*. Paper presented at the Annual Meeting of the American Psychological Association, Washington, D.C.

Cook, M. R., & **Gerkovich, M. M.** (1989, June). *The development of a paratelic dominance scale*. Paper presented at the 4th International Reversal Theory Conference, Athabasca, Canada.

Cook, M. R., Graham, C. Cohen, H. D., Bergman, F., **Gerkovich, M.**, Graves, S., Harris, R., & Carson, B. (1989, April). *Effects of methanol vapor on human function*. Paper presented at the 6th Annual Conference of the Health Effects Institute, Cambridge, Massachusetts.

Gerkovich, M. M., Potocky, M., O'Connell, K. A., & Cook, M. R. (1989, June). *Using the somatic modes of reversal theory to classify relapse crises in ex-smokers*. Paper presented at the 4th International Reversal Theory Conference, Athabasca, Canada.

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M. M.**, & Riffle, D. W. (1989, November). *A dose-response study of human exposure to powerline electric and magnetic fields*. Paper presented at the Annual DOE Meeting on Transmission Line Bioeffects, Portland, Oregon.

O'Connell, K. A., Cook, M. R., **Gerkovich, M. M.**, & Potocky, M. (1989, June). *Apter's theory of psychological reversals predicts outcome of ex-smokers' tempting situations*. Paper presented at the Annual Meeting of the American Psychological Society, Arlington, Virginia.

O'Connell, K. A., Cook, M. R., **Gerkovich, M. M.**, & Potocky, M. (1989, August). *Application of reversal theory: Classifying relapse crises in ex-smokers*. Paper presented at the Annual Meeting of the American Psychological Association, New Orleans, Louisiana.

O'Connell, K. A., Cook, M. R., **Gerkovich, M. M.**, & Potocky, M. (1989, September). *Using the theory of psychological reversals to predict the outcome of highly tempting situations*. Paper presented at the National Nursing Research Conference, Chicago, Illinois.

Cook, M. R., Bergman, F. J., Cohen, H. D., **Gerkovich, M. M.**, Graham, C., Harris, R. K., & Siemann, L.G. (1990, April). *Effects of methanol vapor on human function*. Paper presented at the 7th Annual Conference of the Health Effects Institute, Cambridge, Massachusetts.

Cook, M. R., Graham, C., Cohen, H. D., & **Gerkovich, M. M.** (1990, June). *Effects of 60-hz fields on human cardiac activity: Review and integration*. Paper presented at the 12th Annual Meeting of the Bioelectromagnetics Society, San Antonio, Texas.

Graham, C., Cohen, H. D., Cook, M. R., & **Gerkovich, M. M.** (1990, November). *Explorations of human exposure to intermittent electric and magnetic fields*. Paper presented at the Annual DOE Meeting on Transmission Line Bioeffects, Denver, Colorado.

O'Connell, K. A., Cook, M. R., **Gerkovich, M. M.**, & Potocky, M. (1990, April). *A state-based explanation of ex-smokers' behavior during highly tempting situations*. Paper presented at the Annual Meeting of the Society of Behavioral Medicine, Chicago, Illinois.

Cook, M. R., **Gerkovich, M. M.**, Potocky, M., O'Connell, K. A., & Hoffman, S. J. (1991, June). *Progress toward the development of instruments to measure reversal theory constructs*. Paper presented at the 5th International Conference on Reversal Theory, Kansas City, Missouri.

Gerkovich, M. M., Cook, M. R., Potocky, M., & O'Connell, K. A. (1991, June). *Applying reversal theory to smoking temptations early in cessation*. Paper presented at the 5th International Conference on Reversal Theory, Kansas City, Missouri.

Gerkovich, M. M., Potocky, M., & Cook, M. R. (1991, June). *A reversal theory look at sexual risk taking*. Paper presented at the 5th International Conference on Reversal Theory, Kansas City, Missouri.

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M. M.**, & Riffle, D. W. (1991, November). *Individual differences in cardiac responsivity to 60-hz fields*. Paper presented at the Annual DOE Meeting on Transmission Line Bioeffects, Milwaukee, Wisconsin.

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M. M.**, Riffle, D. W., & Hoffman, S. J. (1991, June). *Human cardiac activity in 60 hz magnetic fields*. Paper presented at the 13th Annual Meeting of the Bioelectromagnetics Society, Salt Lake City, Utah.

O'Connell, K. A., Apter, M. J., & **Gerkovich, M. M.** (1991, June). *The transactional dominance scale*. Paper presented at the 5th International Conference on Reversal Theory, Kansas City, Missouri.

O'Connell, K. A., **Gerkovich, M. M.**, Potocky, M., & Cook, M. R. (1991, September). *Resisting the urge to smoke during mastery and sympathy states*. Paper presented at the Kansas Nursing Research Exchange, Wichita, Kansas.

Potocky, M., O'Connell, K. A., & **Gerkovich, M. M.** (1991, June). *Coping with the urge to smoke: A reversal theory analysis of strategy effectiveness*. Paper presented at the 5th International Conference on Reversal Theory, Kansas City, Missouri.

Cook, M. R., Graham, C., Cohen, H., **Gerkovich, M.**, Bergman, F., Harris, R., & Siemann, L. (1992, February). *Methanol vapor at a traffic scenario level affects human neurobehavioral measures*. Paper presented at the 31st Annual Society of Toxicology Meeting, Seattle, Washington.

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M. M.**, & Riffle, D. W. (1992, June). *Protocol development for a study of magnetic field effects on human melatonin*. Paper presented at the 1st World Congress for Electricity and Magnetism in Biology and Medicine, Orlando, Florida.

Graham, C., Cohen, H. D., Cook, M. R., **Gerkovich, M. M.**, & Riffle, D. W. (1992, June). *Human cardiac response to 60-hz fields: Exposure parameters and individual differences*. Paper presented at the 1st World Congress for Electricity and Magnetism in Biology and Medicine, Orlando, Florida.

Cook, M. R., **Gerkovich, M. M.**, Hoffman, S. J., Cohen, H. D., & McClernon, F. J. (1993, June). *The interaction between gender, paratelic dominance, and brain arousal/activation systems*. Paper presented at the 6th International Conference on Reversal Theory, Personality, Stress and Health, Bergen, Norway.

Cook, M. R., **Gerkovich, M. M.**, Hoffman, S. J., O'Connell, K. A., & McClernon, F. J. (1993, June). *Dominance, state, and tonic muscle tension*. Paper presented at the 6th International Conference on Reversal Theory, Personality, Stress and Health, Bergen, Norway.

Gerkovich, M. M., & Bishop, M. M. (1993, June). *Evidence of reversal theory's relevance to sexual risk taking*. Paper presented at the 6th International Conference on Reversal Theory, Personality, Stress and Health, Bergen, Norway.

Gerkovich, M. M., O'Connell, K. A., & Cook, M. R. (1993, June). *Reversal theory's application to smoking cessation: A model for addiction research*. Paper presented at the 6th International Conference on Reversal Theory, Personality, Stress and Health, Bergen, Norway.

Graham, C., Cohen, H. D., Cook, M. R., Riffle, D. W., Hoffman, S. J., & **Gerkovich, M. M.** (1993, June). *Melatonin suppression and nocturnal exposure to 60-hz magnetic fields in human volunteers*. Paper presented at the 15th Annual Meeting of the Bioelectromagnetics Society, Los Angeles, California.

Graham, C., Cook, M. R., Cohen, H. D., Riffle, D. W., Hoffman, S. J., McClernon, F. J., Smith, D., & **Gerkovich, M. M.** (1993). *EMF suppression of nocturnal melatonin in human volunteers*. Paper presented at the DOE/EPRI Annual EMF Research Review Meeting, Savannah, Georgia.

O'Connell, K. A., Cook, M. R., **Gerkovich, M. M.**, & Meek, V. (1993, June). *The state of the state: The somatic state questionnaire*. Paper presented at the 6th International Conference on Reversal Theory, Personality, Stress and Health, Bergen, Norway.

O'Connell, K. A., **Gerkovich, M. M.**, Apter, M. J., Svebak, S., & Kerr, J. (1993, June). *The state of the state (measure)*. Panel discussion presented at the 6th International Conference on Reversal Theory, Personality, Stress and Health, Bergen, Norway.

Cook, M. R., **Gerkovich, M. M.**, Hoffman, S. J., & McClernon, F. J. (1995, July). *Effects of smoking on the brain depend on state and gender*. Paper presented at the 7th International Conference on Reversal Theory, Melbourne, Australia.

Gerkovich, M. M., (1995, July). *The role of reversal theory in explaining sexual risk taking by college students*. Paper presented at the 7th International Conference on Reversal Theory, Melbourne, Australia.

Kerr, J. H., Males, J., & **Gerkovich, M. M.** (1995, July). *The experience of sports competition amongst elite slalom canoeists*. Paper presented at the 7th International Conference on Reversal Theory, Melbourne, Australia.

O'Connell, K. A., **Gerkovich, M. M.**, & Cook, M. R. (1995, July). *Using all the metamotivational states: Which pairs are the most important predictors of resisting the urge to smoke*. Paper presented at the 7th International Conference on Reversal Theory, Melbourne, Australia.

Sastre, A., Graham, C., Cook, M. R., Hoffman, S. J., & **Gerkovich, M. M.** (1995, June). *Human heart rate variability in magnetic fields: Continuous versus intermittent exposure*. Paper presented at the Annual DOE Contractors Meeting, Palm Springs, California.

Gerkovich, M. M., Cook, M. R., Hoffman, S. J., & O'Connell, K. A. (1996, March). *Arousal seeking and the effects of smoking on the early components of the event-related potential*. Paper presented at the 2nd Annual Scientific Conference of the Society for Research on Nicotine and Tobacco, Washington, D. C.

Gerkovich, M. M., & Embretson, S. E. (1996, June). *Identifying motivational concepts with structured latent trait and latent classes models for polytomous items*. Paper presented at the Annual Meeting of the Psychometric Society, Banff, Canada.

Graham, C., Cook, M. R., Gibertini, M., Riffle, D. W., & **Gerkovich, M. M.** (1996, June). *EMF effects on melatonin, hormones, and immunity in men*. Paper presented at the Annual Meeting of the Bioelectromagnetics Society, Victoria, B. C., Canada.

O'Connell, K. A., Cook, M. R., & **Gerkovich, M. M.** (1996, November). *Should arousal-avoidance and serious-mindedness be assessed as separate constructs in state measures?* Paper presented at the Georgetown Symposium on Reversal Theory, Washington D.C.

Gerkovich, M. M., & Hershberger, S. L. (1997, July). *Explaining heterosexual risk behavior using reversal theory constructs*. Paper presented at the 8th International Reversal Theory Conference, London, England.

Gerkovich, M. M., & Hershberger, S. L. (1997, November). *Using individual difference and situational variables to explain heterosexual risk behavior*. Paper presented at the 1997 Joint Annual Meeting of the Society for the Scientific Study of Sexuality and the American Society of Sex Educators, Counselors, and Therapists, Arlington, Virginia.

Gerkovich, M. M., O'Connell, K. A., Cook, M. R., Kakolewski, K. E., & Bott, M. J. (1997, July). *Telic and paratelic states during the first ten days of smoking cessation*. Paper presented at the 8th International Reversal Theory Conference, London, England.

O'Connell, K. A., Cook, M. R., & **Gerkovich, M. M.** (1997, July). *Development of a smoking cessation program based on reversal theory*. Paper presented at the 8th International Reversal Theory Conference, London, England.

O'Connell, K.A., **Gerkovich, M. M.**, Cook, M. R., Kakolewski, K. E., Shiffman, S. & Hickcox, M. (1997, June). *Coping responses early in smoking cessation*. Paper presented at the 3rd Annual Scientific Conference of the Society for Research on Nicotine and Tobacco, Nashville, Tennessee.

O'Connell, K. A., Kakolewski, K. E., Goings, K. L., **Gerkovich, M. M.**, & Cook, M. R. (1997, July). *Development of the global assessment of state: Just tell me—Are you telic or paratelic?* Paper presented at the 8th International Reversal Theory Conference, London, England.

Graham, C., Cook, M. R., Sastre, A., & **Gerkovich, M. M.** (1998, September). *Multi-night exposure to 60-hz magnetic fields: Effects on melatonin and its metabolite*. Paper presented at the 1998 Annual Review of Bioeffects Research, Tucson, Arizona.

O'Connell, K. A., **Gerkovich, M. M.**, Cook, M. R., & Shiffman, S. (1998, March). *Metamotivational states during smoking cessation*. Paper presented at the 4th Annual Scientific Conference of the Society for Research on Nicotine and Tobacco, New Orleans.

Gerkovich, M. M. (1999, July). *Individual differences in risk taking: A comparison of reversal theory constructs and other personality measures*. Paper presented at the 9th International Conference on Reversal Theory, Windsor, Ontario.

O'Connell, K. A., **Gerkovich, M. M.**, & Cook, M. R. (1999, July). *Mastery/sympathy states: An opposing pair?* Paper presented at the 9th International Conference on Reversal Theory, Windsor, Ontario.

O'Connell, K. A., **Gerkovich, M. M.**, Cook, M. R., & Bott, M. (1999, July). *Coping and reversal theory states during smoking cessation*. Paper presented at the 9th International Conference on Reversal Theory, Windsor, Ontario.

Gerkovich, M. M., Cook, M. R., Hoffman, S. J., & Peterson, B. E. (2000, February). *Gender differences in the effects of smoking on the contingent negative variation (CNV)*. Paper presented at the 6th Annual Meeting of the Society for Research on Nicotine and Tobacco, Arlington, Virginia.

Cook, M. R., **Gerkovich, M. M.**, Hoffman, S. J. & Peterson, R. C. (2001, March). *Effects of nicotine patch on subtle effects of withdrawal during smoking cessation*. Paper presented at the 7th Annual Meeting of the Society for Research on Nicotine and Tobacco, Seattle, Washington.

O'Connell, K. A., **Gerkovich, M. M.**, Bott, M. J., & Leibowitz, R. (2001, March). *Qualitative and quantitative assessment of coping during smoking cessation*. Paper presented at the 22nd Annual Meeting of the Society of Behavioral Medicine, Seattle, Washington.

O'Connell, K. A., Schwartz, J. E., **Gerkovich, M. M.**, Bott, M. J., & Shiffman, S. (2001, March). *Negative affect predicts temptations, but playfulness and negativism predict lapses*. Paper presented at the 7th Annual Meeting of the Society for Research on Nicotine and Tobacco, Seattle, Washington.

O'Connell, K. A., Schwartz, J. E., **Gerkovich, M. M.**, Bott, M. J., & Shiffman, S. (2001, July). *Reversal theory states versus negative affect in the prediction of lapses during smoking cessation*. Paper presented at the 10th International Conference on Reversal Theory, Hobart, Australia.

Gerkovich, M. M., Cook, M. R., O'Connell, K. A., & Peterson, R. C. (2002, February). *The influence of individual differences on attempts to quit smoking*. Paper presented at the 8th Annual Meeting of the Society for Research on Nicotine and Tobacco, Savannah, Georgia.

Gerkovich, M. M., & Harris, K. J. (2002, February). *Salivary cortisol levels in college smokers and nonsmokers*. Paper presented at the 8th Annual Meeting of the Society for Research on Nicotine and Tobacco, Savannah, Georgia.

Harris, K. J., Grobe, J., McCarter, K., Nazir, N., **Gerkovich, M.**, Choi, W. S., Catley, D., & Ahluwalia, J. S. (2002, February). *Smoking while in college: Baseline analysis from a longitudinal survey*. Paper presented at the 8th Annual Meeting of the Society for Research on Nicotine and Tobacco, Savannah, Georgia.

Goggin, K., Murray, T., Malcarne, V., Metcalf, K., & **Gerkovich, M.** (2003, June). *What's God got to do with it? Adolescents' beliefs about God's role in their alcohol use*. Paper presented at the 26th Annual Scientific Meeting of the Research Society on Alcoholism, Fort Lauderdale, Florida.

Gerkovich, M. M., Goggin, K. G., Metcalf, K. A., Kennedy, S. L., Wise, D., & Murray, T. S. (2004, March). *Predicting African American adolescents' intentions to engage in sexual risk behaviors*. Paper presented at the Society of Behavioral Medicine 25th Annual Meeting and Scientific Sessions, Baltimore, Maryland.

Wise, D. L., Goggin, K. G., **Gerkovich, M. M.**, Metcalf, K. A., Kennedy, S. L., & Murray, T. S. (2004, March). *Should HIV prevention interventions for African American adolescents be gender specific?* Paper presented at the Society of Behavioral Medicine 25th Annual Meeting and Scientific Sessions, Baltimore, Maryland.

Gerkovich, M. M., Goggin, K. J., Wright, J., Catley, D., Williams, K., Bradley, A., Carruth, T., Clark, R. B., Firner, A., Kakolewski, K. E., Liston, R., & Malomo, D. (2005, November). *Design and implementation of a multi-modal adherence trial*. Poster session presented at the Enhancing Adherence: A State of the Science Meeting on Intervention Research to Improve Anti-Retroviral Adherence, New Haven, Connecticut.

Gerkovich, M., Wright, J., Williams, K., & Goggin, K. (2006, March). *Utility of assessing patient and provider ratings of the difficulty associated with antiretroviral therapy (ART)*. Poster session presented at the NIMH/IAPAC International Conference on HIV Treatment Adherence, Jersey City, New Jersey.

Goggin, K., **Gerkovich, M.**, Wright, J., Catley, D., & Williams, K. (2006, March). *Review of a randomized controlled community trial utilizing mDOT*. Paper presented at the NIMH/IAPAC International Conference on HIV Treatment Adherence, Jersey City, New Jersey.

Golin, C. E., Wright, J., **Gerkovich, M.**, Quinlivan, E. B., Tien, H., Patel, S. N., Gardner, L., Marks, G., & O'Daniels, C. (2006, April). *Characteristics and sexual activities of people living with HIV/AIDS (PLWHA) for men who have sex with men, heterosexual men and women*. Poster session presentation at The Society for General Internal Medicine 29th Annual Meeting, Los Angeles, California.

Golin, C. E., Wright, J., **Gerkovich, M.**, Quinlivan, E. B., Tien, H., Patel, S. N., Gardner, L., Marks, G., & O'Daniels, C. (2006, August). *Characteristics and sexual behaviors of HIV-positive men and women in medical care in the United States*. Poster session presentation at The XVI International AIDS Conference, Toronto, Canada.

Hackman, J. L., **Gerkovich, M. M.**, Laures, K. L., & Ma, O. J. (2006, October). *Effect of medical school type on residency in-training exam performance: 20 years of experience*. Poster session presentation at the Association for American Medical Colleges (AAMC) Annual Meeting, Seattle, Washington.

Hackman, J. L., **Gerkovich, M. M.**, Go, S., Van Dillen, C. M., & Ma, O. J. (2006, May). *EM attending assessment of medical student performance does not correlate with medical student assessment of EM attending performance*. Poster session presentation at the Society for Academic Emergency Medicine (SAEM) Annual Meeting, San Francisco, California.

Wright, J., Carruth, T., Malomo, D., Pinkston, M., Clark, R. B., Kakolewski, K. E., **Gerkovich, M. M.**, & Goggin, K. J. (2006, March). *Multimodal measurement of standard of care (SC) in an HIV adherence study*. Poster session presented at the NIMH/IAPAC International Conference on HIV Treatment Adherence, Jersey City, New Jersey.

Berkley-Patton, J., Bradley-Ewin, A., Thomson, N., Carruth, T., **Gerkovich, M.**, & Goggin, K. (2007, March). *Facilitators, barriers, and motivators to ART medication adherence among highly adherent persons*. Paper presented at the 2nd International Conference on HIV Treatment Adherence, Jersey City, New Jersey.

Lynam, I., Catley, D., Goggin, K., **Gerkovich, M.**, Williams, K., Wright, J., & Project MOTIV8 (2007, March). Autonomous regulation and locus of control as predictors of antiretroviral medication adherence. Poster presentation at the 2007 Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington D.C.

Pinkston, M. M., **Gerkovich, M. M.**, Goggin, K. J., & Woods, B. (2007, March). *Examining the perceived risks and benefits of alcohol use among African American adolescents*. Poster presented at the 2007 Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington, D.C.

Gerkovich, M. M., Carruth, T. L., Kakolewski, K. E., Williams, K. B., Bradley-Ewing, A., Thomson, D., Katz, J., & Goggin, K. (2008, March). *Challenges and intricacies of using MEMS for adherence measurement*. Poster presentation at the NIMH/IAPAC 3rd International Conference on HIV Treatment, Jersey City, New Jersey.

Gerkovich, M.M., Williams, K.B., Catley, D., & Goggin, K. (2008, March). *Development and validation of a scale to measure motivation to adhere to HIV medications*. Poster presentation at the NIMH/IAPAC 3rd International Conference on HIV Treatment, Jersey City, New Jersey.

Goggin, K., Catley, D., Thomson D., Bradley-Ewing A., Carruth T., Williams, K., Pinkston, M., **Gerkovich M.**, Wright, J., Kakolewski, K., Berkley-Patton J., Martinez, D., & Clark, K. (2008, March). *Knowing adherence is important doesn't equate to understanding how it is achieved: The knowledge gap and strategies for addressing it*. Poster presentation at the NIMH/IAPAC 3rd International Conference on HIV Treatment, Jersey City, New Jersey.

Goggin, K., Thomson D., Bradley-Ewing A., Catley, D., Carruth T., Pinkston, M., **Gerkovich M.**, Williams, K., Wright, J., Berkley-Patton J., Kakolewski, K., & Martinez, D. (2008, March). *Adherence in low density settings: Is modified Directly Observed therapy a feasible intervention option?* 2008 Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Diego, California.

Martinez, D., Goggin, K., Catley, D., **Gerkovich, M.**, Pinkston, M., Thomson D., Bradley-Ewing A., Carruth T., Williams, K., Wright, J., Berkley-Patton J., Kakolewski, K. & Clark, K. (2008, March). *Coping differences related to age, education, and substance use among HIV+ patients on ART*. 2008 Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Diego, California.

Pinkston, M., Goggin, K., Clark, K., Wright, J., Carruth, T., **Gerkovich, M.**, & Williams, K. (2008, March). *Sometimes a Jelly Bean isn't just a Jelly Bean: Increasing empathy in medical students*. Poster presented at the 2008 Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Diego, California. Meritorious Student Abstract

Wright, J. M., Keller, D. L., **Gerkovich, M. M.**, Ravindran, R. K., Wallace, J. S., Shekar, B., Moon, M., Posada, M., Shim, J., & Cha, H. (2008, October). *A reliable scale to measure patient comfort with communicating about their health literacy status*. Poster presented at the 2008 American College of Clinical Pharmacy Annual Meeting, Louisville, Kentucky.

Martinez, D. A., Goggin, K., **Gerkovich, M. M.**, Williams, K. B., & Catley, D. (2009, April). *Can the Brief COPE and RCOPE be used in HIV+ samples?* Poster presented at the 30th Annual Meeting of the Society of Behavioral Medicine, Montreal, Quebec, Canada.

Schoor, R., Catley, D., Goggin, K., Bradley-Ewing, A., Thompson, D., **Gerkovich, M.**, Williams, K., & Wright, J., & MOTIV8 (2009, April). *Personal values endorsed in Motivational Interviewing: Relationships of common themes to demographic variables in HIV+ individuals participating in an antiretroviral medication adherence trial*. Poster presented at the 30th Annual Meeting of the Society of Behavioral Medicine, Montreal, Quebec, Canada.

Banderas J., Thomson D., **Gerkovich M.**, Carruth T., Pinkston M., Williams K., Martinez D., Clark K., Goggin K. (2010, May). *Value of Multi-modal Standard Care Assessment in ART Adherence Research*. Paper presented at the 5th NIMH/IAPAC International Conference on HIV Treatment Adherence, Miami, FL.

Catley, D., **Gerkovich, M.**, Williams, K., & Goggin, K. (2010, May). *A 4-item measure of motivation to adhere that predicts MEMS adherence over 48 weeks*. Paper presented at the 5th NIMH/IAPAC International Conference on HIV Treatment Adherence, Miami, FL.

Goggin, K., **Gerkovich, M.**, Williams, K., Banderas, J., Catley, D., Berkley-Patton, J., Bradley-Ewing, A., Thomson, D., Carruth, T., Kakolewski, K., Martinez, D., Liston, R., Pinkston, M., Clark, K., Stanford, J., Neville, S., Kumar, V., Bamberger, D., & Clough, L. (2010, May). *Outcomes of Project MOTIV8: A RCT of novel behavioral interventions for ART adherence*. Paper presented at the 5th NIMH/IAPAC International Conference on HIV Treatment Adherence, Miami, FL.

Martin, B.I., **Gerkovich, M. M.**, Sherman, K. J., Lind, B. K., Cherkin, D., Goertz, C., Deyo, R. A., & Lafferty, W. E. (2010, December). *The impact of complementary and alternative medicine on spine-specific and total health care costs in the United States*. Poster presented at the Second Annual Stephen E. Strauss Distinguished Lecture in the Science of Complementary and Alternative Medicine, Bethesda, MD.

Martin, B. I., **Gerkovich, M. M.**, Deyo, R. A., Sherman, K. J., Cherkin, D. C., Goertz, C., & Lafferty, W. (2012, May). *Association of complementary and alternative medicine use and health care expenditures for spine problems*. Paper presented at the Annual Meeting of The International Society for the Study of the Lumbar Spine, Amsterdam, Netherlands.

Gerkovich, M. M., Ojo, V. N., Bonham, A. J., Williams, K. B., & Lafferty, W. E. (2013, March). *Using nationally representative datasets to support health-related issues at a local and*

policy level. Poster presented at the 2013 Summit on Clinical Research Informatics, San Francisco, CA.

Ahmed, A., Venkitachalam, L., Pino, F., **Gerkovich, M. M.**, Lafferty, W. E. (2013, June). Nationwide emergency department visits by children for dental conditions, 2009. Poster presented at the 2013 Annual Research Meeting (Academy Health), Baltimore, MD.

Gerkovich, M. M., Moore, E. W., Marinac, J. S., Garavalia, B., & Touchette, D. R. (2013, November). A qualitative analysis of the use of healthcare information systems by clinical pharmacists. Poster presented at the 2013 Annual Symposium of the American Medical Informatics Association, Washington, DC.

Venkitachalam, L., **Gerkovich, M.**, Simon, S., Ahmed, A., Williams, K., & Lafferty, W. (2014, January). Contemporary profile of diabetes-related ED visits in the United States: A report from 2006-2010 HCUP Nationwide Emergency Department Sample. Poster presented at the Society for Medical Decision Making Asia-Pacific Conference 2014, Singapore.

Venkitachalam, L., Ahmed, A., Hackman, J., Kumari, N., Williams, K. B., Lafferty, W. E., & **Gerkovich, M. M.** (2014, March). The burden of hypertension in US emergency Departments – A report from 2006-2010 HCUP Nationwide Emergency Department Sample. Poster presented at the American Heart Association/American Stroke Association Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2014 Scientific Sessions, San Francisco, CA.

Orth, T., **Gerkovich, M.**, Heitmann, E., Parris, M., Lu, G. (2014, April). Traditional dressing versus Prevena™ negative pressure system in preventing wound complications. Poster presented at the 2014 Annual Clinical Meeting of the American College of Obstetricians and Gynecologists, Chicago, IL.

Usman, S., **Gerkovich, M. M.**, & Gibson, M. E. (2014, May). Incidence and type of injuries in single versus multiple sport high school athletes. Poster presented at the 2014 Annual Meeting, World Congress on Exercise is Medicine, and World Congress on the Role of Inflammation in Exercise, Health and Disease of the American College of Sports Medicine, Orlando, FL.

Koch, S., **Gerkovich, M.**, Williams, K., & Banderas, J. (2014, June). A qualitative investigation of patients' transitional states of engagement in HIV-related medical care. Presented at the 9th International Conference on HIV Treatment and Prevention Adherence, Miami, FL.

Teti, M., **Gerkovich, M.**, & Farnan, R. (2014, June). Snapshots of adherence: Photo-stories as a tool to promote medication use among people with HIV. Presented at the 9th International Conference on HIV Treatment and Prevention Adherence, Miami, FL.

Venkitachalam, L., **Gerkovich, M. M.**, Allsworth, J., Ross, J. N., Hoffman, M., & Williams, K. B. (2014, November). Will access to timely primary care influence the success of the American heart Association's 2020 Strategic Impact Goals? A report from the 2012 National Health

Interview Survey. Presented at the American Heart Association Scientific Sessions 2014, Chicago, IL.

Invited Professional Presentations

Gerkovich, M. M., & Carruth, T. L. (2007, October). *Preliminary findings from Project MOTIV8: A randomized controlled trial to test the efficacy of behavioral interventions to improve adherence to antiretroviral treatment.* Presentation to the Association of Nurses in AIDS Care, Greater Kansas City chapter, Kansas City, Missouri.

Gerkovich, M. (2009, July). *Introduction to NIH forms and required grant writing style.* Presentation at the 2009 Focused Investigator Training (FIT) Program, sponsored by the American College of Clinical Pharmacy Research Institute, Salt Lake City, Utah.

Cleary, J. & **Gerkovich, M.** (2010, June). *Navigating the NIH Web Site: Application to award.* Presentation at the 2010 Focused Investigator Training (FIT) Program, sponsored by the American College of Clinical Pharmacy Research Institute, Tucson, Arizona.

Sherrill, D. & **Gerkovich, M.** (2010, June). *How to work with your biostatistician.* Presentation at the 2010 Focused Investigator Training (FIT) Program, sponsored by the American College of Clinical Pharmacy Research Institute, Tucson, Arizona.

Gerkovich, M. (2010, June). *Introduction to NIH forms and required grant writing style.* Presentation at the 2010 Focused Investigator Training (FIT) Program, sponsored by the American College of Clinical Pharmacy Research Institute, Tucson, Arizona.

Gerkovich, M. M. (2011, April). *Conducting a randomized control trial in real-world clinical settings.* Presentation to the Clinical Trials graduate course (MEDB 5112), Department of Biomedical and Health Informatics Master's program, University of Missouri-Kansas City, Kansas City, Missouri.

Gerkovich, M. (2011, June). *Introduction to NIH forms and required grant writing style.* Presentation at the 2011 Focused Investigator Training (FIT) Program, sponsored by the American College of Clinical Pharmacy Research Institute, Tucson, Arizona.

Gerkovich, M. (2011, June). *How to work with your biostatistician.* Presentation at the 2011 Focused Investigator Training (FIT) Program, sponsored by the American College of Clinical Pharmacy Research Institute, Tucson, Arizona.

Gerkovich, M. M. (2012, March). *What is health care quality and how is it measured.* Presentation to the Health Policy Research graduate course (MEDB 5113), Department of Biomedical and Health Informatics Master's program, University of Missouri-Kansas City, Kansas City, Missouri.

Gerkovich, M. M. (2012, April). *Logistics in clinical research: Data collection and management*. Presentation to the Clinical Trials graduate course (MEDB 5112), Department of Biomedical and Health Informatics Master's program, University of Missouri-Kansas City, Kansas City, Missouri.

Gerkovich, M. M. (2012, April). *Tips on scientific writing*. Presentation at the 2012 American College of Clinical Pharmacy Academy Research and Scholarship Certificate Program, Reno, Nevada.

Gerkovich, M. M. (2012, April). *Common statistical tests*. Presentation at the 2012 American College of Clinical Pharmacy Academy Research and Scholarship Certificate Program, Reno, Nevada.

Gerkovich, M. M. (2012, April). *Formulating the survey*. Presentation at the 2012 American College of Clinical Pharmacy Academy Research and Scholarship Certificate Program, Reno, Nevada.

Gerkovich, M. M. (2012, July). *Policy Research for Long-Term Change*. Presentation to the UMKC School of Nursing Research Day, University of Missouri-Kansas City, Kansas City, Missouri.

Gerkovich, M. M. (2013, April). *Tips on scientific writing*. Presentation at the 2013 American College of Clinical Pharmacy Academy Research and Scholarship Certificate Program, Reno, Nevada.

Gerkovich, M. M. (2013, April). *Common statistical tests*. Presentation at the 2013 American College of Clinical Pharmacy Academy Research and Scholarship Certificate Program, Reno, Nevada.

Gerkovich, M. M. (2013, May). *Conducting a RCT in real-world clinical settings*. Presentation to the Clinical Trials graduate course (MEDB 5512), Department of Biomedical and Health Informatics Master's program, University of Missouri-Kansas City, Kansas City, Missouri.

Gerkovich, M. M. (2014, May). *Lessons Learned from Conducting a RCT in a clinical setting*. Presentation to the Clinical Trials graduate course (MEDB 5512), Department of Biomedical and Health Informatics Master's program, University of Missouri-Kansas City, Kansas City, Missouri.

Gerkovich, M. M. (2014, August). *Introduction to Statistics for Clinical applications*. Presentation to faculty and fellows in the Primary Care Sports Medicine and Gerontology departments, Truman Medical Centers Lakewood Campus, Kansas City, Missouri.

GRADUATE RESEARCH

Gerkovich, M. M. (1981). *A study of the relationship between EMG biofeedback and subjective feelings of self-control*. Master's Thesis, Department of Psychology, University of Missouri-Kansas City.

Gerkovich, M. M. (1998). *Modeling sexual risk behavior by heterosexuals*. Doctoral Dissertation. Department of Psychology, University of Kansas.

GRADUATE RESEARCH ADVISORY COMMITTEE SERVICE:

Ph.D. Level

- 2003 Lizbeth Wilson. Relationship of reported state measures of performance to self-perceived teaching competence: An intrapersonal analysis of ten adult educators. University of Sydney. (Committee Member)
- 2008 Daniel L. Wise. Criminal penalties for non-disclosure of HIV-positive status: Effects on HIV testing rates and incidence. University of Missouri-Kansas City. (Consultant)
- 2008 Megan M. Pinkston. Increasing empathy in medical school students towards individuals living with HIV/AIDS and medication adherence. University of Missouri-Kansas City. (Consultant)
- 2011 Shelly L. Peterson. Influence of depressive symptoms on within-session change talk and HIV antiretroviral medication adherence in a motivational interviewing based adherence intervention. University of Missouri-Kansas City. (Committee Member)
- 2014 Summer Cross. Impact of nurse practitioner practice regulation on access to healthcare services. University of Missouri-Kansas City. (Committee Member)
- 2014 Rubi Mahato. Evaluation of siRNA mediated silencing of IKK α in prostate cancer and CD40 in Type-1 diabetes. University of Missouri-Kansas. (Committee Member)

Masters Level

- 2008 Jamie E. Katz. The MOTIV8 study: No reactivity to MEMS among HIV+ participants randomized to standard care. University of Kansas Masters of Public Health. (Consultant)
- 2012 Victoria Ojo. Health costs of sickle cell disease patients from the Medical Expenditures Panel Survey, 1996-1997, 2002-2003, 2007-2008. University of Missouri-Kansas City Masters of Bioinformatics. (Chair)
- 2013 Erica Heitmann. The utility of umbilical artery dopplers in preterm premature rupture of membranes. University of Missouri-Kansas City Masters of Bioinformatics. (Chair)

- 2013 Kedar Sanjel. National annual estimate of ED visits associated with uncontrolled diabetes. University of Missouri-Kansas City Masters of Bioinformatics. (Chair)
- 2013 Nivedita Kumari. Clinic-community connection: Supporting diabetes care and self-management goals. University of Missouri-Kansas City Masters of Bioinformatics. (Chair)
- 2013 Stephanie L. Koch. A qualitative investigation of patients' transitional states of engagement in HIV-related medical care. University of Missouri-Kansas City Masters of Bioinformatics. (Chair)
- 2014 Rohan Bandara. Understanding the relationship between barriers to timely primary care and emergency department utilization across insurance categories – An analysis of the National Health Interview Survey data (1999 – 2011). University of Missouri-Kansas City Masters of Bioinformatics. (Member)
- 2014 Allegra Vinson. A qualitative assessment of the role of patient navigation. University of Missouri-Kansas City Masters of Bioinformatics. (Member)

PROFESSIONAL ACTIVITIES:

University Service

- 2010-present Co-Chair; Curriculum and Student Progression Committee; Department of Biomedical and Health Informatics, University of Missouri-Kansas City School of Medicine
- 2010-present Member; Committee to develop Competencies for the Department of Biomedical and Health Informatics, University of Missouri-Kansas City School of Medicine
- 2011 Member, Faculty Search Committee, Department of Biomedical and Health Informatics, University of Missouri-Kansas City School of Medicine.
- 2011 Member, Faculty Committee, University of Missouri-Kansas City School of Medicine Student Research Day
- 2011-present Member; Faculty Senate, University of Missouri-Kansas City
- 2011-present Member; Faculty Council, University of Missouri-Kansas City School of Medicine
- 2011-present Member; Non-Physicians Promotion Committee, University of Missouri-Kansas

City School of Medicine

2012-present Faculty Judge, Health Sciences Student Research Summit, University of Missouri-Kansas City

2014 Reviewer, University of Missouri Research Board grant program.

NIH/NSF Invited Reviewer

2005 NIDA SBIR contract proposal review for “Real-time Data Collection Paired with Ecological Momentary Assessment (EMA)”

2006 NIDA SBIR contract proposal review for “Wearable Wireless PDA Peripheral for Research – Phase II SBIR”

2012 National Science Foundation Review Panel

2013 National Science Foundation Review Panel

2014 National Science Foundation Review Panel

External Reviewer

2011 External expert reviewer for the Ontario Research Fund, Ontario Ministry of Research and Innovation

2014 American Medical Informatics Association 2014 Annual Symposium

2015 American Medical Informatics Association 2015 Joint Summits Symposium

Journal Reviewer

2009-present *Health Education and Behavior*

2013-present *The Journal of Maternal-Fetal & Neonatal Medicine*

2013-present *Journal of Health Care for the Poor and Underserved*

Service

2009-present Invited faculty mentor; Focused Investigator Training (FIT) Program sponsored by the American College of Clinical Pharmacy Research Institute; 2009 – Salt Lake City, Utah; 2010 – Tucson, Arizona; 2011 – Tucson, Arizona; 2013 – Athens, Georgia.

2012-present Invited faculty mentor; American College of Clinical Pharmacy Academy Research and Scholarship Certificate Program; 2012 - Reno, Nevada; 2013 – Reno, Nevada.

Consultantships

2001-2005 Consultant; Teachers College Columbia University; NIH grant "Behaviors and Cognitions for Resisting the Urge to Smoke"; Client: Kathleen A. O'Connell, Ph.D., Principal Investigator

2002 Consultant; University of Kansas Medical Center Research Institute, Inc.; Grant "Barriers to Self-Sufficiency Among Current and Former TANF Recipients"; Client: Nancy Dunton, Ph.D., Principal Investigator

2002-present Consultant; Midwest Research Institute; Various contracts from federal and industrial clients; Clients include: Antonio Sastre, Ph.D., Kevin King, Ph.D., Kelly Brown, Ph.D., Principal Investigators

2007-2008 Consultant; University of Missouri-Kansas City School of Medicine; Project "Investigation of a practical tool for assessing health literacy"; Client: Julie Wright, PharmD., and Darcie Keller, PharmD., Co-Principal Investigators

2009-present American College of Clinical Pharmacy (ACCP); Various consulting and mentoring activities supporting the ACCP Research Institute Focused Investigator Training Workshop, ACCP Academy, and project work investigating the range of activities clinical pharmacists engage in as a member of health care teams.

International Organizations

1991-present Executive board member and officer, Reversal Theory Society

1990-1991 Co-organizer and co-chair, 5th International Conference of the Reversal Theory Society, Kansas City, Missouri

1989-present Member, Reversal Theory Society

2013-present Member, International Association of Providers of AIDS Care

National Organizations

2011-present Member, American Medical Informatics Association

1996-2013 Member, The American Psychological Association

Member, Division 5 – Evaluation, Measurement, and Statistics
Member, Division 38 – Health Psychology

- 1994-2010 Member, The Association for Psychological Science (formerly The American Psychological Society)
- 1996-2002 Member, Society for Research on Nicotine and Tobacco
- 1996-1998 Member, The Psychometric Society
- 1988-2003 Member, Society for Psychophysiological Research

SERVICE ACTIVITIES:

- 1994, 1997, 2001 Presentations to Science Pioneers Program, Sponsored by Marion Merrill Dow and Midwest Research Institute
- 2000-2001 Developed and Conducted “Managing the Project Team,” Midwest Research Institute
- 2000-2005 Member, Board of Directors, The AIDS Council of Greater Kansas City
- 2002-2004 Member, Mini Grants Program for Shawnee Mission East High School
- 2005 Chair, Board of Directors, The AIDS Council of Greater Kansas City
- 2009 Volunteer, Free clinic conducted by the National Association of Free Clinics in Kansas City, Missouri
- 2010 Volunteer, UMKC School of Medicine medical treatment facility during the Hospital Hill Run
- 2010 Volunteer, UMKC Health Sciences Wellness Fair
- 2012 Volunteer, 2012 Touchdown Family Fest Health and Wellness Extravaganza

HONORS AND SPECIAL RECOGNITION:

- 1980-1981 Staff Development Award, Midwest Research Institute
- 1981 Psi Chi (psychology honorary society)
- 1981 Phi Kappa Phi (scholastic honorary society)
- 1984 Sigma Xi (Scientific Research Society of North America)
- 1988 Achievement Award, Council of Principal Scientists, Midwest Research Institute
- 1993-1994 Staff Development Award, Midwest Research Institute

1997-1998 Staff Development Award, Midwest Research Institute

CURRENT RESEARCH ACTIVITIES

Dr. Gerkovich is involved in research projects and activities with a focus on health-related outcomes and processes. Her research emphasizes issues related to engagement in medical care and adherence to medical treatment. Dr. Gerkovich has been part of multi-disciplinary and international teams conducting clinical trials. In addition, she is part of a team conducting research to evaluate the use of complementary and alternative treatment for low back pain in terms of health and economic outcomes. Dr. Gerkovich is also experienced providing program evaluation for a variety of health-related projects, and conducts research on various health-related topics using secondary data analysis of national datasets.