

## MEGAN A. LEWIS

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### Summary of Professional Experience

Megan A. Lewis is a senior research scientist and directs RTI International's Patient and Family Engagement Research Program in the Center for Communication Science. She has unique expertise in health-related interpersonal communication focusing on health promotion and chronic illness management and the use of health and social science behavior theory in guiding research and intervention development. Her current work examines how digital and Internet-based interventions support informed decision making about obtaining genomic sequencing, changing behaviors that promote health and manage chronic health conditions. Her research is distinguished by the use of dyadic and interpersonal theories and analytic methods to study how couple and family functioning affect a wide array of health behaviors and disease processes, and she has published extensively on these topics. She has worked on public health subjects such as genomics, cancer prevention, HIV, type 1 and 2 diabetes, arthritis and chronic disease management. Her work has been funded by the National Cancer Institute (NCI), National Institute of Mental Health (NIMH), National Institute of Arthritis and Musculoskeletal Diseases (NIAMS), the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the National Human Genome Research Institute (NHGRI) and the National Institute on Aging (NIA), the Centers of Disease Control and Prevention (CDC) as well as private foundations and universities.

### Education

PhD, Social Ecology, University of California, Irvine, CA, 1992.

MA, Social Ecology, University of California, Irvine, CA, 1989.

BA, Psychology, 1984, University of California, Santa Barbara, CA, 1984. Graduated with honors and distinction.

### Selected Project Experience

***DuchenneConnect PCORnet*** (2015 to date)—*Senior Advisor*. In this network award from PCORI, Dr. Lewis will be advising the DuchenneConnect PI and team on development of a decision support tool to support families making decisions about clinical research participation for Duchenne and Becker muscular dystrophy. The tool will address research knowledge, attitudes, and emotional perceptions—all of which are important for a disorder that causes significant progressive impairment and early death. In addition, the tool will address the complexity of a disorder that spans pediatric to adult years, with associated parent proxy and patient decision making.

***Assessing Preferences for Use of Clinical Data Among Individuals with IDD and Their Guardians*** (2015-2018)—*Co-investigator*. In this RO1 funded by NHGRI we will identify the ethical, legal, and social issues that contribute to patient preferences regarding the research use of clinical records and data. We will conduct a discrete choice experiment to quantify the preferences of guardians of individuals with intellectual disabilities regarding the research use of their adolescent or young

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adult child's clinical records and data, and also conduct a discrete choice experiment with high-functioning young adults with IDD regarding research use of their clinical records and data.

***Positive Health Check Evaluation*** (2015 to date)—*Principal Investigator*. This cooperative agreement funded by the Centers for Disease Control and Prevention (CDC) will conduct a Type 1 hybrid randomized controlled trial (RCT) to evaluate the effectiveness of Positive Health Check, a tailored, video counseling intervention developed by RTI and CDC in a prior contract. The intervention is designed to deliver highly tailored prevention messages to people living with HIV (PLWH) during their primary care clinic appointments. RTI will evaluate the impact of Positive Health Check on achieving improved clinical outcomes using EHR data, document costs associated with implementation, and assess implementation longitudinally in up to six HIV primary care clinics.

***North Carolina Newborn Exome Sequencing as Universal Screening (NC NEXUS) Project 3: Ethical and Social Implications of Applying Whole Exome Sequencing (WES) in Newborn Screening (NBS)*** (2013 to date)—*Co-Principal Investigator, Project 3*. This project is one of three projects comprising the 5-year NC NEXUS Center grant, funded by the National Institutes of Health's (NIH's) Eunice Kennedy Shriver National Institute of Child Health and Human Development and the National Human Genome Research Institute. The project's three aims are to (1) refine and describe, in lay terms, meaningful "bins" or categories of genes to enable parents to make informed decisions about learning incidental findings; (2) develop and evaluate the effectiveness of a decision aid to help parents in these decisions; and (3) conduct a prospective study designed to determine parents' willingness to accept WES for their child, the choices they make regarding the spectrum of results they wish to learn, factors associated with their choices, and the consequences of return of results for both children and families.

***Development of a Computer-Based Intervention Tool for Use with Both English-Speaking and Spanish-Speaking Persons Living with HIV Attending Routine HIV Primary Care Visits*** (2012 to date)—*Project Director*. RTI is working with the Centers for Disease Control and Prevention (CDC) to develop an interactive computer-based (CB) tool that will deliver highly tailored prevention messages to people living with HIV (PLWH) during their primary care clinic appointments. The tool will also generate feedback to patients and their health care providers to support their communication around adherence, retention in care, and sexual risk reduction. RTI will establish a technical consultant group that will provide ongoing input on tool development, film actors who will deliver tailored messages, and a video catalogue of all tailored messages. RTI will also conduct an implementation evaluation of the computer-based tool in three to four HIV primary care clinics. Supervises staff, ensures scientific integrity of all project and study protocols, develops study questionnaires for technical consultants, and oversees the implementation evaluation.

***Evaluation of a Hybrid Intervention that Addresses Obesity, Depression, and Cardio-Metabolic Risk***. (2013-2018)—*Co-investigator*. In this NHLBI funded project we are testing the efficacy of a technology-mediated intervention for comorbid obesity and depression and cardiometabolic risk factors. The intervention is built on combining 2 empirically-supported programs: the PEARLS program for depression and the GLB program for weight loss and cardiometabolic risk reduction. The pragmatic trial is being implemented in primary care practices and also uses the RE-AIM framework to understand implementation during the trial.

***Caregiver Influence on Consumer Understanding of and Response to DTC Prescription Drug Advertisements*** (2013 to 2015)—*Project Director*. This study funded by the FDA examined caregiver influence on consumer understanding and response to DTC prescription drug advertising. We used qualitative and quantitative methods to understand caregiver influence and consumer responses.

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***The Merck Alliance to Reduce Disparities in Diabetes*** (2006 to 2015)—*Principal Investigator*. RTI assisted the Merck Company Foundation in planning and program development of a cross-cutting, evidence-based initiative to reduce health disparities in the United States. The initiative was intended to facilitate change in this critical health area, which is of national concern. Conducts review of disparities interventions, synthesizes and analyzes project data sources, conducts key informant interviews, devises recommendations for the initiative, and contributes to the final report in early phases of the project. Developed and managed a national call for proposals and a proposal review process to choose grantees for the initiative. Oversees the national cross-site evaluation, involves direction of project staff, ensures the scientific integrity of the evaluation, and coordinates with the National Program Office and the Foundation.

***Develop and Implement UCARE4LIFE Message Library*** (2012 to 2015)—*Senior Advisor*. This project, funded by the Health Resources and Services Administration (HRSA), involved developing and implementing the UCARE4LIFE text message library aimed at increasing HIV primary care retention rates for racial and ethnic minority youth aged 15 to 24 living with HIV/AIDS. The primary aims were to (1) develop, test, and maintain a text message library that addresses topics of HIV disease management (e.g., appointment keeping, retention in care, and medication adherence rates); and (2) develop, implement, and (3) evaluate a pilot study of delivering text messages to targeted youth receiving care at Ryan White grantee sites and other clinical sites. The longitudinal evaluation design was conducted across multiple sites and employed a rigorous randomized controlled design with self-reported quantitative and qualitative data sources as well as clinical data.

***Implementation and Evaluation of a National Preconception Health Social Marketing Plan*** (2012 to 2014)—*Associate Project Director and Senior Health Communication Advisor*. RTI is working with CDC to develop creative materials for, implement, and evaluate a national social marketing plan for consumers to raise awareness and change behavior related to preconception health. Assists project director with project oversight and management. Contributes to implementation and evaluation. As of January 2013, serves as Senior Health Communication Advisor.

***Communication Techniques, Dissemination Strategies, and Explaining Uncertain Medical Evidence*** (2011 to 2012)—*Co-investigator*. This project, housed under the RTI/University of North Carolina Evidence-based Practice Center funded by the Agency for Healthcare Research and Quality (AHRQ), focuses on systematically reviewing the published literature about techniques to communicate and strategies to disseminate medical evidence to consumers, clinicians, and policy makers, and approaches to explain uncertain medical evidence to these audiences. Responsible for leading key question related to dissemination, abstraction, analysis, and report preparation.

***Development of an Internet-Based HIV Prevention Decision Support Tool for Men Who Have Sex with Men (MSM)*** (2010 to 2014)—*Task Leader, Senior Advisor*. The purpose of this project is to develop HIV prevention messages for inclusion in the decision support tool and to conduct message and usability testing to inform the development of the tool. Additionally, we will produce an interactive, Internet-based HIV prevention decision support tool for MSM. We envision that the tool will provide useable and actionable messages that are tailored on such factors as individual risk factors; demographics; psychographics; need for information; health motivators; behaviors; and stages of change messages that support informed decision making, encourage prevention practices, and provide information on other sexual health topics that may be delivered via any combination of animated simulations, streaming video, interactive games, testimonials, role models and online forums, and that will support the flexibility necessary to accommodate accessibility issues, cultural competence, and health literacy.

***Effects of Message Framing on Cessation among Couples where both Partners Smoke*** (2012 to 2014)—*Co-Investigator*. In this NCI-funded grant (R21CA165194), collaborates with investigators at

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Duke University to understand how message framing effects smoking cessation among dual smoking couples. Smoking couples are randomly assigned to receive narratives that manipulate messages framing to motivate cessation. Develops measures related to couple functioning, assists study team on implementation of study protocol, contributes to analysis, and prepares manuscripts.

***Development of a Social Marketing Plan on Preconception Health*** (2010 to 2012)—*Associate Project Director*. RTI worked with CDC to develop a social marketing plan for consumers. As part of the development efforts, RTI works closely with the National Consumer Workgroup empanelled by the Select Group on Preconception Health to ensure that the social marketing plan can be implemented by organizations and agencies that focus on women's health, birth defects, and family planning. The social marketing plan is based on findings from formative research RTI has conducted on preconception health as well as additional secondary data analysis of several national surveys.

***Development of Informed Decision Making Study Brochure for the Fragile X Newborn Screening Study*** (2010 to 2012)—*Senior Health Communication Advisor*. The purpose of this project is to develop a study recruitment brochure for the Fragile X Newborn Screening Study that provides parents with information about the study in a way that aids knowledge acquisition and helps them make a decision based on their values. Advised on brochure development, developed survey protocol to test brochure, and advised on brochure testing implementation.

***Communication-Focused Technologies*** (2009 to 2011)—*Senior Health Communication Advisor*. The goal of this study is to develop, implement, and evaluate a proof-of-concept intervention delivered through text messaging technology for chronic illness management and medication adherence among HIV-positive individuals. The intervention improved health care quality, adherence, and clinical outcomes for HIV-positive patients treated in an ambulatory care setting by providing tailored health communication messages related to the individual's medication and appointment adherence, risk-taking behaviors, social support, general health and wellness, and patient activation. RTI partnered with Howard Brown Health Center in Chicago, IL, to implement and evaluate the proof-of-concept intervention.

***Evaluation and Consultations for the Development of HIV Prevention Messages for High-Risk Populations of MSM*** (2009 to 2010)—*Task Leader*. The purpose of this study was to plan and conduct two expert consultations. The first was a scientific consultation with leading behavioral scientists and communication researchers to apply the latest communication research to assist in the development of the next generation of HIV prevention messages. The second was a consultation with leading technology industry leaders to determine how to best use new media to disseminate HIV prevention messages to MSM.

***Formative Research to Support the Division of Birth Defects and Developmental Disabilities*** (2008 to 2013)—*Project Director*. The purpose of this formative research is to develop a better understanding of low-income couples' notions of preconception health and related behaviors to inform the design, implementation, and dissemination of a social marketing campaign focused on preconception health. Responsible for the scientific direction and integrity of the project, development of a research design and protocols to understand couples' notions of preconception health, supervision of project staff, coordination with staff and technical monitors at CDC, data analysis and interpretation, and report and manuscript preparation.

***Program Evaluation Planning Services for the Department of Veterans Affairs (VA), National Center for Health Promotion*** (2008 to 2011)—*Project Director*. The purpose of this project is to develop and conduct an implementation evaluation to aid the Veterans Health Administration (VHA) National Center for Health Promotion and Disease Prevention to determine the effectiveness of its nationally disseminated MOVE! weight management program. Directed a multidisciplinary team of researchers to develop the evaluation plan and developed all study protocols and related national patient survey. Twenty-two case

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studies were developed of high- and low-performing weight loss facilities and data were analyzed with qualitative comparative analysis that identifies causal complexity and multiple solutions in systems data.

***Marketing and Communication Services for the VA National Center for Health Promotion*** (2008 to 2009)—*Project Director*. RTI is providing a variety of communication and marketing services to the VA National Center for Health Promotion to support and develop its MOVE! weight management program and the HealthierUS Veterans Program. Services include promotional materials, reports, and formative communication research to inform intervention development.

***Planning for Wellness at CDC and in Public Health and Health Promotion Blueprint*** (2006 to 2012)—*Project Director*. RTI is assisting CDC in determining how population health and well-being fit with their mission and programs. The purpose of this project is to (1) assist CDC in reviewing the literature on definitional and measurement issues in well-being, (2) convene a summit of experts to help define well-being and guide the activities of the new Office of Wellness Science and Practice, and (3) help CDC define how macro upstream interventions fit with CDC programmatic objectives. Conceptualized and guided the literature review, consulted with partners at CDC and RTI team members, and guided project activities.

***Tailored Messaging for Couple Chronic Illness Management*** (2006 to 2010)—*Principal Investigator*. The purpose of this grant funded by NIAMS is to adapt tailored messaging health communication strategies for use with couples managing chronic illness, and specifically lupus and arthritis. Responsible for overall scientific direction and integrity of the project; developed protocols and couples-based tailored messaging intervention; supervised research staff; and performed data analysis, interpretation, and publication preparation.

***Why Don't Low-Income Women Receive Radiotherapy after Breast Conserving Surgery?*** (2006 to 2009)—*Co-Investigator*. The purpose of this cooperative agreement funded by CDC (S3665-25/25) is to understand the factors that lead to some low-income women not receiving the standard of care after breast cancer surgery. Developed study protocols, conceptualized the research, and developed intervention prototype.

***Toolkit to Address the Excess Burden of Tuberculosis (TB) among African Americans in the United States*** (2006 to 2008)—*Senior Health Communication Advisor*. Funded by the Southeastern National Tuberculosis Center (SNTC), the goal of this project was to develop a set of tools and materials to address the excess burden of TB among African Americans in the United States. RTI worked with the SNTC to develop a TB Disparity Toolkit, directed toward state and local TB control program staff and community partners that can be used to assist communities in addressing TB among African Americans. Consulted with team members on the development of health communication and educational materials.

***Management and Technical Support for Public Health Social Marketing and Health Communication Programs*** (2006 to 2007)—*Project Leader*. RTI worked with Brogan and Partners and the North Carolina State Department of Health to evaluate the health messages delivered as part of the Strike Out Stroke campaign. Developed study protocols and focus group guides, analyzed focus group data, and designed an evaluation plan for the campaign.

***Consumer-Centric Provider Selection Tool Research*** (2006 to 2007)—*Expert Consultant*. This project, funded by the Blue Cross Blue Shield Association, sought to understand the relevant dimensions consumers value in making provider choices and how quality information can be effectively included in decision making. The research objectives of this project were (1) to determine the information elements regarding providers that consumers find important in making effective decisions and (2) to determine what formatting, layout, and framing needs are most effective in supporting consumers to effectively use information elements appropriate to the objectives. RTI served as a consultant for 14 focus groups

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conducted by another contractor. Reviewed and commented on the study design, recruitment specifications and screeners, research questions to explore in the focus groups, and the focus group moderator's guide; observed focus groups; and developed recommendations based on focus group observations and a literature review.

***Spousal Communication and Cancer Prevention Behavior*** (2005 to 2008)—*Principal Investigator* (NCI R21). The aim of this \$393,716 investigator-initiated grant was to validate an observational and behavioral measure of spousal persuasive communication for cancer prevention; determine how spouses influence physical activity for cancer prevention; and develop an intervention component prototype that will enhance effective communication for cancer prevention among married couples. Responsible for overall study integrity; developed study protocols and procedures; supervised research staff; developed surveys and observational measures; and analyzed data.

***Development of a Measure to Assess Patient Adherence to Vasculitis Treatment Regimens*** (2004 to 2005)—*Co-Investigator*. This \$35,000 grant, funded by the Wegner's Granulomatosis Association, developed and validated the first measure of adherence for vasculitis patients. Helped to develop measure, provision of technical assistance in analysis, and data interpretation.

***Social Support, Perceived Control, and Psychological Adjustment in Vasculitis Patients and Their Partners*** (2003 to 2008)—*Co-Principal Investigator on Center RO1 Subproject*. This \$799,550 project funded via a NIAMS Multidisciplinary Clinical Research Center grant aimed to determine how spouses manage vasculitis and lupus, both life-threatening autoimmune conditions. Helped develop overall study design, develop study protocols, surveys, and measures; assisted in study implementation and oversight of research staff; and conducted data analysis.

***Familias y Comunidades Saludables*** (2003 to 2004)—*Co-Investigator*. This \$25,000 intramural grant, funded by the Lineberger Comprehensive Cancer Center, University of North Carolina, investigated how family members manage and control nutrition and physical activity to prevent overweight and obesity. Provided technical assistance related to dyadic data analysis.

***Persuasive Communication and Nutrition-Related Behavior among Married Couples*** (2001 to 2003)—*Principal Investigator*. This \$30,000 intramural grant funded via the Clinical Nutrition Research Center, School of Public Health, University of North Carolina developed and tested the feasibility and reliability of an observational behavioral measure of spousal persuasive communication for health behavior change. Supported by additional funding for pilot data collected via \$5,000 grant from the Institute on Aging, University of North Carolina (2000).

***Social Influence and Self-Management Behaviors among Older Couples*** (2001 to 2003)—*Principal Investigator*. This \$71,508 investigator initiated grant from the National Institute on Aging used experience sampling methods to determine how spouses influence the self-management behaviors of their partners who have Type 2 diabetes. Responsible for overall study implementation; developed experience sampling protocols, surveys, and interviews; supervised research assistants and study staff; managed and analyzed data.

***Social Control in Marital Relationships*** (1996 to 1999)—*Principal Investigator*. This investigator-initiated grant from NIMH for \$139,031 used qualitative and quantitative methods to determine how couple members influence each other's health behaviors and how they communicate about health behavior change. Responsible for overall study design, implementation, and development of study interviews, surveys, focus group guides, and focus group moderation; supervised study research assistant; and analyzed data.

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***Primary Prevention of HIV Transmission among Gay Men*** (1996 to 1997)—*Principal Investigator*. This grant for \$34,492 from NIMH examined how gay male couples communicate about HIV prevention and health risks in general. Designed and implemented the study, developed surveys and semi-structured qualitative interviews conducted with couples; supervised research assistants; and analyzed data. Supplemented by two other funding sources: A \$5,000 grant from the Council on Research & Creative Work, Grant-in-Aid Program, University of Colorado (1995 to 1997) and \$10,000 grant from Center for AIDS Research, University of North Carolina (1999) to support data analysis and paper preparation.

***The Development of Adolescent Problem Drinking*** (1995 to 1997)—*Faculty Research Associate*. This \$165,536 grant examined the determinants of adolescent problem drinking. Provided consultation and assistance on study design, data analysis, and data interpretation to study investigators.

***Psychosocial Factors and Regimen Compliance among Young Adult Diabetics*** (1995 to 1996)—*Principal Investigator*. This intramural grant for \$5,000 from the Council on Research & Creative Work supported a study that examined the psychosocial determinants of self-management and glycemic control among young adults with Type 1 diabetes. Responsible for overall study design and implementation, development of survey and interview protocols, and data management and analysis.

***The Influence of Social Control on Health Behaviors and Psychological Distress*** (1991 to 1992)—*Principal Investigator*. This \$11,800 NIMH National Research Service Award (MH 10085-01) investigated how health-related social control was related to health-behavior change among community residents. Responsible for overall study design and implementation, developed survey; and analyzed and managed data.

## Professional Experience

- 2006 to date                      RTI International, Research Triangle Park, NC.
- Program Director, Patient and Family Engagement Research Program, Center for Communication Science (2012-date).
- Health Care Communication Team Leader, Health Communication Program (2011 to 2012).
- Senior Research Scientist (2006 to date). Directs, manages, designs, conducts, and analyzes qualitative and quantitative health-related research; disseminates results to research community.
- 2006 to date                      University of North Carolina at Chapel Hill, Department of Health Behavior, Gillings School of Global Public Health, Chapel Hill, NC.
- Adjunct Assistant Professor. Graduate student theses and dissertations committee member, guest lectures, collaborates with faculty, provides service to department.
- 2003 to 2008                      University of North Carolina at Chapel Hill, School of Medicine, Thurston Arthritis Research Center, Chapel Hill, NC.
- Member. Collaborated on research programs focused on arthritis, lupus, and vasculitis self-management.
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- 1998 to 2006      University of North Carolina, Department of Health Behavior & Health Education, School of Public Health, Chapel Hill, NC.
- Assistant Professor. Developed, funded, and managed independent program of research; supervised and managed research staff and students; developed and taught graduate-level core and elective courses in health and social science theory related to behavior change and social relationships and health; provided individual mentoring to graduate and undergraduate students; provided service to department, school, university, and national committees.
- 1992 to 1998      University of Colorado, Psychology Department, Boulder, CO.
- Assistant Professor. See description above. Specific courses include Social Psychology Graduate Seminars on Social Relationships, Adaptation and Health; Field Research Methods; Health Psychology; The Self, Social Relationships, and Adaptation to Chronic Illness. Specific undergraduate courses include Critical Thinking about Health Psychology; Critical Thinking about Personal Relationships; Undergraduate Seminar on Social Relationships and Health; Social Psychology; Health Psychology.
- 1992 to 1998      Institute of Behavioral Science, University of Colorado, Boulder, CO.
- Faculty Research Associate. Helped establish Institute Health Behavior Research Program; developed research program; supervised student researchers; provided service to the Institute on various research and administrative committees.
- Summer 1990, 1991      University of California, School of Social Ecology, Irvine, CA.
- Instructor. Developed and taught summer course on health psychology.
- 1985 to 1988,  
1990 to 1992      University of California, Program in Social Ecology, Irvine, CA.
- Teaching Assistant. Assisted course instructors in development and course offering. Developed lectures, course materials, and tests. Graded student work.
- 1988 to 1990      California State Department of Health Services, Health Promotion Branch, Healthy Cities Project.
- Research Assistant. Helped establish and implement the California Health Cities Program. Conducted statewide survey, helped convene municipal and state stakeholders, and assisted program directors.
- 1985 to 1992      University of California, Program in Social Ecology, Irvine, CA.
- Research Assistant. Assisted four different faculty members with development and implantation of their research programs. Topics included evaluation of the Foster Grandparent Program, evaluation of HIV prevention programs for college students and migrant farm workers, research on psychological perceived control, blood pressure reactivity, aging and health behavior, and social relationships and health.
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## Honors and Awards

RTI International, Career Author, 2007; Outstanding Paper Award, 2012; Highly Published Author, 2007 to 2014; Highly Cited Author, 2008, 2010, 2013  
Election to Theta Chapter of Delta Omega, The Honorary Public Health Society, 2001  
Junior Faculty Development Award, University of North Carolina, Chapel Hill, 1998  
Junior Faculty Development Award, University of Colorado at Boulder, 1995  
Steve Duck New Scholar Award, International Society for the Study of Personal Relationships & International Network on Personal Relationships, 1994  
The Martha Newkirk Award for Excellence in Research, School of Social Ecology, University of California, Irvine, 1992  
National Research Service Award, National Institute of Mental Health, 1991 to 1992  
Grant-in-Aid of Research, Sigma Xi, 1992  
Dissertation Award, American Psychological Association, 1991  
Dissertation Fellowship, University of California, Irvine, 1991  
Travel Award, American Psychological Association, 1989  
Regent's Summer Fellowship, University of California, Irvine, 1988  
Chairperson's Award, University of California, Santa Barbara, 1984  
Psi Chi Book Award, Dominican College, 1982

## Professional Associations

Society of Behavioral Medicine

## Professional Service

### ***Service to University of North Carolina, Chapel Hill***

SPH Representative, Carrboro Library Art Exhibit Project on Obesity and Youth, 2006  
Member, Institutional Review Board, School of Public Health, 2004 to 2006  
Member, Committee to review peer evaluation of teaching, 2003 to 2004  
Grant Reviewer, Population Science Research Awards, UNC Lineberger Comprehensive Cancer Center, 2003  
Chair, STAAR recruitment subcommittee, 2000 to 2004  
Member, Advisory Board for Certificate in Aging, Program on Aging, 2000 to 2003  
Member, Master's Program Curriculum Task Force, 2000 to 2001  
Member, Awards Committee, School of Public Health, 2000 to 2001  
Member, Student Training, Admissions, and Recruitment (STAAR) Committee, 1998 to 2006  
Member, Master's Comprehensive Exam Committee, 1998 to 2006

### ***Service to Profession***

#### ***Reviewer for Conference Submissions***

Chair Health Promotion track, Society of Behavioral Medicine, 2013, 2014  
Chair Prevention track, Society of Behavioral Medicine, 2012  
American Public Health Association, Health Communication Track, 2007  
Society of Behavioral Medicine & Society of Public Health Educators Joint Meeting, 2005  
American Psychological Association conference on Women's Health, 2000

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Society of Behavioral Medicine annual conference, 1997, 2007  
 American Psychological Association conference, Division 8 (Social Psychology), 1994, 1997

### ***Standing Editorial Board Member***

*Annals of Behavioral Medicine*

### ***Ad Hoc Journal Reviewer for***

*Aging and Human Development*  
*American Journal of Health Promotion*  
*American Journal of Preventive Medicine*  
*Annals of Behavioral Medicine*  
*Communication Yearbook*  
*Family Process*  
*Genetics In Medicine*  
*Health Promotion Practice*  
*Health Psychology*  
*Journal of Behavioral Medicine*  
*Journal of Health Psychology*

*Journal of Medical Screening*  
*Journal of Research in Personality*  
*Journal of Social and Personal Relationships*  
*Journal of Social Issues*  
*Pain*  
*Personality & Social Psychology Review*  
*Psychosomatic Medicine*  
*Psychology and Health*  
*Social Marketing Quarterly*

### ***Professional Association Service***

Member, Continuing Education Committee, Division 38: Health Psychology, American Psychological Association, 2004 to 2005  
 Chair, Continuing Education Committee, Division 38: Health Psychology, American Psychological Association, 2003 to 2004  
 Member, Publications Committee, International Society for the Study of Personal Relationships, 1996 to 1998

### ***Grant Reviewer***

Grant Reviewer for Standard Research Grants program of the Social Sciences and Humanities Research Council of Canada, January 2006  
 Grant Reviewer and Screener for Oakridge Associated Universities performance evaluation and merit reviews of the Pennsylvania Department of Health's Use of Tobacco Settlement Money, fall 2004; fall 2005; fall 2006

## **Books, Book Chapters, and Monographs**

Lewis, M. A., Uhrig, J. D., Bann, C. M., Harris, J. L., Furberg, R. D., Coomes, C. M., & Kuhns, L. M. (in press). Tailored text messaging for HIV adherence: A proof-of-concept study. In M. Murray, & K. Chamberlain (Eds.), *New directions in health psychology*. London, UK: Sage. (Reprinted from original publication.)

Porterfield, D. S., Rojas Smith, L., Lewis, M. A., McCormack, L. A., Hoerger, T. J., & Holden, D. J. (2015). *A taxonomy of integration interventions between health care and public health*. RTI Press Publication No. OP-0023-1507. Research Triangle Park, NC: RTI Press.  
<http://dx.doi.org/10.3768/rtipress.2015.op.0023.1507>

- Lewis, M. A., & McCormack, L. S. (2008). The intersection between tailored health communication and branding for health promotion. In W. D. Evans & G. Hastings (Eds.), *Applying marketing for social change*. New York: Oxford University Press.
- McCormack, L. S., Lewis, M. A., & Driscoll, D. L. (2008). Challenges and limitations of applying branding in social marketing. In W. D. Evans & G. Hastings (Eds.), *Applying marketing for social change*. New York: Oxford University Press.
- DeVellis, R., Lewis, M. A., & Sterba, K. (2003). Interpersonal and emotional processes in adjustment to chronic illness. In J. Suls & K. Wallston (Eds.), *Social psychological foundations of health* (pp. 256–287). Malden, MA: Blackwell Publishing.
- Lewis, M. A., DeVellis, B., & Sleath, B. (2002). Interpersonal communication and social influence. In K. Glanz, F. M. Lewis, & B. K. Rimer (Eds.), *Health behavior and health education: Theory, research, and practice*, 3rd Edition (pp. 363–402). San Francisco: Jossey Bass.
- Lewis, M. A., Rook, K. S., & Schwarzer, R. (1994). Social support, social control, and health among the elderly. In G. N. Penny, P. Bennett, & M. Herbert (Eds.), *Health psychology: A life span perspective* (pp. 191–211). London: Harwood Academic Publishers.
- Evans, G. E., & Lewis, M. A. (1990). The role of adaptive processes in intellectual functioning among older adults. In J. Rodin, C. Schooler, & K. W. Schaie (Eds.), *Self-directedness and efficacy: Causes and effects throughout the life course* (pp. 183–197). Hillsdale, NJ: Lawrence Erlbaum.

## Peer-Reviewed Journal Articles

- Fitzgerald, T. M., Williams, P. A., Dodge, J. A., Quinn, M., Heminger, C. L., Moultrie, R., Taylor, O., Nelson, B. W., Lewis, M. A. (in press). Program implementation approaches to build and sustain health care coordination for type 2 diabetes. *Health Promotion Practice*.
- Lewis, M. A., Paquin, R. S., Roche, M. J., Furberg, R. D., Rini, C., Berg, J. S., Powell, C. M., & Bailey, D. B. (2016). Parental decisions about genomic sequencing for newborn screening: The NC NEXUS decision aid. *Pediatrics*, 137 S1, S16-23. DOI: 10.1542/peds.2015-3731E
- Krishnan, S., Dhillon, P. K., Bhadelia, A., Schurmann, A., Basu, P., Bhatla, N., Birur, P., Colaco, R. J., Dey, S., Grover, S., Gupta, H., Gupta, R., Gupta, V., Lewis, M. A., et al. (2015). Report from a symposium on catalyzing primary and secondary prevention of cancer in India. *Cancer Causes and Control*. doi: 10.1007/s10552-015-0637-x
- Ma, J., Yank, V., Lv, N., Goldhaber-Fiebert, J. D., Lewis, M. A., Kramer, M. K., et al. (2015). Research aimed at improving both mood and weight (RAINBOW) in primary care: A type 1 hybrid design randomized controlled trial. *Contemporary Clinical Trials*, 43, 260–278.
- Hoda, B., Yeung, C., Lewis, M. A., Milbury, K., & Redd, W. (2015). An observational study of social control, mood and self-efficacy in couples during treatment for head and neck cancer. *Psychology and Health*, 30(7), 783–802.
- Gillen, E., Hassmiller-Lich, K., Yeatts, K. B., Hernandez, M., Smith, T., & Lewis, M. A. (2014). Social ecology of asthma: Engaging stakeholders in integrating health behavior theories and practice-based evidence through systems mapping. *Health Education and Behavior*, 41(11), 63–77.
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- Bailey, D. B., Lewis, M. A., Roche, M., & Powell, C. (2014). Family relations in the genomic era: Communicating about intergenerational transmission of risk for disability. *Family Relations, 63*, 85–100.
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## Papers Under Review and In Preparation

- Moultrie, R.R., Kish Doto, J., Lewis, M.A. (2015) Spinal Muscular Atrophy: Knowledge, awareness, and attitudes, *Journal of Genetic Counseling*, Revise and Resubmit.
- Kahwati L, Jacobs, Kane H, Lewis M, Viswanathan M, Golin C. Using qualitative comparative analysis in a systematic review of a complex intervention. *Systematic Reviews*, Revise and Resubmit.
- Kahwati L, Viswanathan M, Golin C, Kane H, Lewis M, Jacobs S. Identifying configurations of behavior change techniques in effective medication adherence interventions: a qualitative comparative analysis, *Systematic Reviews*. Revise and Resubmit.
- Harshbarger, C., Taylor, O. M., Uhrig, J. D., & Lewis, M.A. (2015). *Positive Health Check: Developing a Web-Based Video Counseling Tool for HIV Primary Care Clinics*, *Health Promotion Practice*, Revise and Resubmit.
- Treiman K, Betts KR, O'Donoghue AC, Chandler C, & Lewis, M.A. (2015). Asthma patients and their partners: Involvement, discussions, and medication decisions. *Patient Education and Counseling*. Manuscript under Review.
- Paquin, R.S., Peay, H., Gehrtland, L.M., Lewis, M.A., & Bailey, D.B. (2015) *Parental Intentions to Enroll Children in a Voluntary Expanded Newborn Screening Program*. Manuscript in preparation.
- Lewis, M.A., Stine, A., Paquin, R.S., Bailey, D.B. (2015). Parental preferences for genomic sequencing information: Results of a discrete choice experiment. Manuscript in preparation.

## Other Papers

- Lewis, M. A. (1992). *The influence of social control on health behaviors and psychological distress*. Unpublished doctoral dissertation, University of California, Irvine.
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## Presentations, Posters, and Proceedings

- Lewis, M.A., Paquin, R.S., Bailey, D.B. (2016, February). *Development of the NC NEXUS decision aid*. Paper accepted at American Public Health Laboratories Newborn Screening and Genetic Testing Symposium, St. Louis, MO.
- Moultrie, R.R., Lewis, M.A., Fitzgerald, T. M., Zulkiewicz, B., Rini, C., Roche, M., Bailey, D.B. (2016, February) *Values and beliefs important for parental decisions to have genetic screening for a child*. Poster accepted at American Public Health Laboratories Newborn Screening and Genetic Testing Symposium, St. Louis, MO.
- Fitzgerald, T. M., Lewis, M. A., Moultrie, R., Zulkiewicz, B., Rini, C., Roche, M. & Bailey, D. (2016, Feb). *Couple dynamics in decisions about newborn screening via whole exome sequencing*. Poster presented at American Public Health Laboratories Newborn Screening and Genetic Testing Symposium, St. Louis, MO.
- Paquin, R.S., Peay, H.L., Gehrtland, L.M., Lewis, M.A., & Bailey, D.B. (2016, April). *Program design features affect parental decision making about expanded voluntary newborn screening*. Poster to be presented at the annual meeting and scientific sessions of the Society of Behavioral Medicine (SBM), Washington, DC.
- Harshbarger, C., Taylor, O. M., Uhrig, J. D., Galindo, G, & Lewis, M.A. (2015, December). *Positive Health Check (PHC): The Development of a Web-Based Video Counseling Intervention for People Living with HIV*. Presented at The National HIV Prevention Conference, Atlanta, GA.
- Taylor, O. M., Harshbarger, C., Uhrig, J. D., & Lewis, M. A. (2015, November). *Positive Health Check (PHC): Formative Work Supporting the Development of a Web-Based Video Counseling Intervention for People Attending HIV Primary Care Clinics*. Presented at The 143rd American Public Health Association Annual Meeting, Chicago, IL.
- Treiman K, Betts KR, O'Donoghue AC, Chandler C, & Lewis M (2015, October). Partner influence on asthma patients' decision making about prescription medication. 37th Annual North American Meeting of the Society for Medical Decision Making, St. Louis, MO.
- Jacobs, S. R., Kahwati, L. C., Viswanathan, M., Golin, C. E., Kane, H. L., & Lewis, M. A. (2015, June). *Using qualitative comparative analysis to determine key features of complex interventions to improve medication adherence*. Poster presented at AcademyHealth Annual Research Meeting, Minneapolis, MN.
- Kahwati, L. C., Viswanathan, M., Jacobs, S. R., Kane, H. L., Golin, C. E., & Lewis, M. A. (2015, June). *Using qualitative comparative analysis in a systematic review of a complex intervention*. Presented at AcademyHealth Annual Research Meeting, Minneapolis, MN.
- Lewis, M. A., Treiman, K. A., & Zulkiewicz, B. A. (Invited Speaker). (2015, May). *A consolidated model for patient and family engagement*. Presented at CER Symposium, Research Triangle Park, NC.
- Carpenter, D., Thorpe, C., Sage, A. J., Lewis, M. A., Hogan, S., Geryk, L. L., Alexander, D. S., & DeVellis, R. (2015, April). *The relationship between positive and negative social interactions and psychological adjustment for vasculitis and lupus patients*. Poster presented at 17th International Vasculitis & ANCA Workshop, London, England, United Kingdom.
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- Lewis, M. A., Paquin, R. S., Moultrie, R. R., Fitzgerald, T. M., Stine, A. D., Zulkiewicz, B. A., et al. (2015, April). *Working at the edge of policy, science and practice: The NC NEXUS Study*. Presented at Annual Meeting of the Society of Behavioral Medicine, San Antonio, TX.
- Kamerow, D. B., Moultrie, R., Lewis, M. A., Bann, C., Karns, S. A., Hobbs, C. L., Burton, J., Brenner, J., Fleming, N., Johnson, P., Langwell, K., & Peek, M. (2014, November). *Improving outcomes for people living with diabetes: Evaluation of the Alliance to Reduce Disparities in Diabetes*. Poster presented at 2014 Minority Health and Health Disparities Grantees' Conference, National Harbor, MD.
- Holt, S. L., Lewis, M. A., Taylor, O. M., Stine, A. D., Zulkiewicz, B. A., Brenner, J., Fleming, N., Johnson, P., Langwell, K., & Peek, M. (2014, November). *"I Thank You Because You Saved My Life" ...: Patient perspectives on the Alliance to Reduce Disparities in Diabetes*. Poster presented at 2014 Minority Health and Health Disparities Grantees' Conference, National Harbor, MD.
- Lewis, M. A. (Invited Speaker). (2014, November). *Evaluation of the Alliance to Reduce Disparities in Diabetes*. Presented at National Press Club, Washington, DC.
- Lewis, M. A. (Invited Speaker). (2014, October). *Dyadic decision-making about genetic information: Challenges and solutions from the NC NEXUS Study*. Presented at Hunter College City University, New York, NY
- Lewis, M. A., McCormack, L. A., Sheridan, S. L., Melvin, C. L., Kistler, C. E., Boudewyns, V., & Peinado, S. C. (2014, October). *Strength of evidence for strategies used to disseminate medical evidence to clinicians and patients*. Poster presented at Society for Medical Decision Making 36th annual North American meeting, Miami, FL.
- Lewis, M. A., Stine, A. D., Mansfield, C. A., Zulkiewicz, B. A., Fitzgerald, T. M., Moultrie, R. R., et al. (2014, October). *Conjoint survey of parental preferences to receive incidental information from genetic testing*. Poster presented at 2014 Newborn Screening and Genetic Testing Symposium, Anaheim, CA.
- McCormack, L. A., Lewis, M. A., Melvin, C. L., Boudewyns, V., Peinado, S. C., Kistler, C. E., & Sheridan, S. L. (2014, October). *Which communication strategies impact the effectiveness of messages about medical evidence?* Poster presented at Society for Medical Decision Making 36th annual North American meeting, Miami, FL.
- Sheridan, S. L., McCormack, L. A., Kistler, C. E., Lewis, M. A., Melvin, C. L., Harris, R., & Boudewyns, V. (2014, October). *Findings from a systematic review of alternative strategies for communicating the uncertainty of medical evidence*. Poster presented at Society for Medical Decision Making 36th annual North American meeting, Miami, FL.
- Coomes, C. M., Uhrig, J. D., Lewis, M. A., Bann, C. M., Harris, J. L., & Furberg, R. D. (2013, September). *Tailored text messages to promote knowledge, prevention, social support and medication adherence for people living with HIV*. Poster presented at UNC Inaugural Symposium on Using New Technologies to Enhance Healthy Behavior, Chapel Hill, NC.
- Kahwati, L. C., Kane, H. L., & Lewis, M. A. (2013, June). *Qualitative comparative analysis: A systematic review of application within health care and public health*. Poster presented at Academy Health Annual Research Meeting, Baltimore, MD.
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- Lewis, M. A., Hobbs, C. L., Karns, S. A., Burton, J., Brenner, J., Johnson, P. et al. (2013, June). *Multilevel interventions can enhance diabetes outcomes: Mid-term results from the Alliance to reduce disparities in diabetes*. Poster presented at the American Diabetes Association's 73rd Scientific Sessions, Chicago, IL.
- Lewis, M. A., Williams, P. A., Hobbs, C. L., Burton, J., Heminger, C. L., Moultrie, R. R., et al. (2013, May). *Implementing diabetes self-management programs for patients with low literacy: Midterm process evaluation results from the Alliance to Reduce Disparities in Diabetes*. Poster presented at 12th annual Institute for Healthcare Advancement Health Literacy Conference, Irvine, CA.
- Lewis, M. A. (2013, March). *Session chair for Promoting Healthy Pregnancy panel*. To be presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.
- Lewis, M. A., Allicock, M., Deal, A., Hersey, J., Kahwati, L., Munoz, B., Johnson, L., & Bann, C. (2013, March). *Weight loss, behavior change and support among couples*. Poster to be presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.
- Lewis, M. A., Bann, C., Sterba, K., Thorpe, C. T., Carpenter, D., & DeVellis, R. (2013, March). *Adherence mediates the link between dyadic efficacy and well-being among couples managing chronic illness*. Poster to be presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.
- Kamerow, D. B., Brenner, J., Johnson, P., Langwell, K., Peek, M., Walton, J., Lewis, M. A., & Clark, N. M. (2012, October). *Multifocal interventions enhance outcomes and reduce disparities among diverse patient populations*. Poster presented at 2012 Science of Eliminating Health Disparities Summit, National Harbor, MD.
- Lewis, M. A., Williams, P., Brenner, J., Johnson, P., Langwell, K., Peek, M., Walton, J., Clark, N. M., & Kamerow, D. B. (2012, October). *Evaluation of multicomponent interventions to enhance outcomes and reduce disparities among diverse patient populations*. Poster presented at 2012 American Diabetes Association 5th Disparities Partnership Forum, Washington, DC.
- Lewis, M. A., Mitchell, E. W., Levis, D. M., Isenberg, K., Lynch, M., Harris, S., Margolis, M. A., Moultrie, R. R., Kish-Doto, J., Squiers, L. B., & Green, P. (Invited Speaker). (2012, June). *Formative research with couples related to preconception health: Implications for a consumer-focused social marketing plan*. Presented at National Preconception Health and Health Care Summit, Tampa, FL.
- Grinberg, A., Rohrbaugh, M. J., Lewis, M. A., Ranby, K. W., Toll, B. A., & Lipkus, I. (2012, May). *Measurement of communal coping in dual-smoker couples*. Poster presented at Annual meetings of the American Psychological Association, Chicago, IL.
- Ranby, K. W., Lewis, M. A., Toll, B. A., Rohrbaugh, M. J., & Lipkus, I. (2012, March). *Perceived risk and worry for one's partner and self correlate with desire to quit in dual-smoker couples*. Presented at annual meeting of the American Society of Preventive Oncology, Washington, DC.
- Kane, H., Lewis, M.A., Williams, P., & Kahwati, L. (2011, November). *Expanding the evaluation toolkit: Using qualitative comparative analysis in cross-site evaluation*. Oral presentation at the annual American Evaluation Association, Anaheim, CA.
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- Lewis, M. A. (2011, August). *How dyads can be used as a frame for developing in-depth research studies and understanding social influences on behaviors and behavior change: Innovations in Listening, Understanding and Inspiring for Change session*. Invited oral presentation at the National Conference on Communication, Marketing, and Media sponsored by the Centers of Disease Control and Prevention, Atlanta, GA.
- Uhrig, J. D., Bann, C. M., Lewis, M. A., Furberg, R. D., Coomes, C. M., Harris, J. L., Williams, P. N., Kuhns, L., & Martin, N. (2011, August). *Tailored text message-based intervention for HIV-positive MSM: Results of a proof-of-concept study*. Presented at National HIV Prevention Conference, Atlanta, GA.
- Lewis, M. A., Mitchell, E. W., Levis, D. M., Isenberg, K., Lynch, M. M., Harris, S., Margolis, M. A., Kish Doto, J., Squires, L. B., & Green, P. (Invited Speaker) (2011, June). *Couples' notions of preconception health: Implications for social marketing*. Oral presentation at the Annual Meeting of the Social Marketing in Public Health conference, Clearwater, FL.
- Lewis, M. A., Mitchell, E. W., Levis, D. M., Isenberg, K., Lynch, M., Harris, S., Margolis, M., Moultrie, R., Kish Doto, J., Squires, L., & Green, P. (2011, June). *Formative research with couples related to preconception health: Implications for a consumer-focused social marketing plan*. Oral presentation at the National Preconception Health and Health Care Summit. Tampa, FL.
- Mitchell, E. W., Pollard, W. E., Moultrie, R., Squires, L., Isenberg, K., Lewis, M. A., and Levis, D. M. (2011, June). *Dissemination opportunities for preconception health social marketers*. Oral presentation at the National Preconception Health and Health Care Summit. Tampa, FL.
- Squires, L., Mitchell, E. W., Levis, D. M., Lynch, M., Isenberg, K., Lewis, M. A., Margolis, M., Kish-Doto, J., Scales, M., & Green, P. (2011, June). *Formative research with consumers about preconception health and care*. Oral presentation at the National Preconception Health and Health Care Summit. Tampa, FL.
- Uhrig, J. D., Lewis, M. A., Bann, C. M., Furberg, R. D., Harris, J. L., Coomes, C. M., & Williams, P. N. (2011, May). *Beyond reminders: Using tailored text-messages to promote knowledge, prevention, social support and medication adherence for people living with HIV*. Presented at Mobile Health 2011 Conference, Palo Alto, CA.
- Lewis, M. A., Kahwati, L., Kane, H., Williams-Piehot, P., Jones, K., Vaisey, S., & Kinsinger, L. (2011, April). *Implementation evaluation of MOVE! Weight management treatment for veterans: Best practices based on a qualitative comparative analysis*. Oral presentation at the annual meeting of the Society of Behavioral Medicine, Washington, DC.
- Weiner, B., Lewis, M., Clauser, S., & Stitzenberg, K. (2011, March). *In search of synergy: Strategies for combining interventions at multiple levels*. Invited presentation at the Multilevel Interventions in Healthcare: Building the Foundation for Future Research conference. Sponsored by the National Cancer Institute, Las Vegas, NV.
- Tran, A. N., Lewis, M. A., Ayala, G., & Eng, E. (2009, November). *Relationship interdependence and social support among men of color: Implications for male lay health advisor programs*. Paper presented at the annual meeting of the American Public Health Association, Philadelphia, PA.
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- Weiner, B., Carpenter, W. R., Richardson, L., Smith, J. L., Lewis, M. A., Peppercorn, J., Whitmire, J. T., Walden, S. P., & Bergmire-Sweat, D. (2009, November). *Beyond claims data: Assessing the problem of access to radiation therapy for low-income women with breast cancer*. Oral presentation during the 137th APHA Annual Meeting, Philadelphia, PA.
- Uhrig, J. D., Furberg, R. D., Lewis, M. A., Coomes, C. M., Bann, C., Kuhns, L., Williams, P. N., & Blackman, A. M. (2009, September). *Tailored SMS-based intervention for people living with HIV*. Paper presented at Research to Reform: Achieving Health System Change. AHRQ 2009 Conference, Bethesda, MD.
- Mitchell, E. W., Lewis, M. A., Bann, C., Squiers, L. B., McKnight, M., Isenberg, K. L., Levis, D., Mersereau, P., & Taylor, M. (2009, August). *Formative research on preconception health for consumers*. Poster presented at annual meeting of the National Center for Health Marketing, Centers for Disease Control and Prevention, Atlanta, GA.
- Carpenter, D. M., Thorpe, C. Lewis, M. A., & DeVellis, R. F. (2009, April). *The relationship between empathic accuracy, marital quality, and perceived spouse support for married lupus and vasculitis patients*. Poster presented at the annual meeting of the Society of Behavioral Medicine, Montreal, Canada.
- Lewis, M. A., Isenberg, K. L., & Fitzgerald, T. M. (2009, April). *"We have lupus": Communal coping among lupus patients and spouses*. Poster presented at the annual meetings of the Society of Behavioral Medicine, Montreal, Canada.
- Lewis, M. A., Isenberg, K. L., & Fitzgerald, T. M. (2008, September). *Tailored health messages for couple-based chronic illness management*. Paper presented at the Interdisciplinary Health Communication Seminar Series, University of North Carolina, Chapel Hill, NC.
- Lewis, M.A., & Ray, S. (2008, August). *Measuring health-related social control via behavioral observation: Feasibility, reliability & validity*. Paper presented at the annual meetings of the American Psychological Association, Boston, MA.
- Lewis, M. A. (2008, July). *Relationship interdependence and health: Implications for HIV research and prevention*. Paper presented at Center for AIDS Preventive Studies, University of California, San Francisco, CA. Invited.
- Lewis, M. A., & Sniezek, J. (2008, June). *Measuring health and well-being: A new concept*. Presented at North Carolina Governor's Task for Healthy Carolinians, Raleigh, NC. Invited.
- Carpenter, W. R., Weiner, B. J., Richardson, L. C., Lee, J. W., Peppercorn, J., Lewis, M. A., Whitmire, J. T., Walden, S. P. & Hinson, L. O. (2008, May). *Beyond claims data: Assessing the problem of access to radiation therapy for low-income women with breast cancer*. Poster presented at the annual meetings of the American Society of Clinical Oncology, Chicago, IL.
- Lewis, M. A. (2008, May). *Blue Cross Blue Shield transparency research*. Presented at Blue Cross Blue Shield Association Marketing, Communications, Sales, and National Programs conference, Chicago, IL. Invited.
- Carpenter, D. M., Thorpe, C. T., Lewis, M. A., & DeVellis, R. F. (2008, March). *The effect of social network members' positive and negative illness reactions on psychological adjustment and treatment adherence for vasculitis and lupus patients*. Poster presented at the 2008 annual meeting of the Society of Behavioral Medicine, San Diego, CA.
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- Snieszek, J., Lewis, M. A., Kabou, R., Hersey, J., & Toomey, K. (2007, November). *Wandering in the well-being wilderness: What does it mean and how did we get here?* Paper presented at the National Prevention & Health Promotion Summit, Washington, DC.
- Weiner, B. J., Lewis, M. A., & Helfrich, C. H. (2007, August). *Implementing complex innovations in organizations: Adapting a conceptual model for use in health services research and practice.* Paper presented at Academy of Management Annual Meeting, Health Care Management Division, Philadelphia.
- Thorpe, C. T., DeVellis, R. F., Lewis, M. A., Blalock, S. J., Hogan, S. L., & DeVellis, B. M. (2007, April). *Development and initial evaluation of a measure of self-management for adults living with ANCA-associated small vessel vasculitis.* Paper and poster presented at the 13th International Vasculitis and ANCA Workshop, Cancun, Mexico.
- Lewis, M. A., Thorpe, C. T., Sterba, K. R., Miller, D., & DeVellis, R. F. (2007, March). *Accommodation and psychological adjustment in couples managing chronic illness.* Paper presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC.
- Miller, D., Lewis, M. A., Thorpe, C., & DeVellis, R. (2007, March). *Quality of life differences among male and female vasculitis patients and their spouses: Findings from the PAIRS study.* Poster presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC.
- Thorpe, C. T., DeVellis, R. F., Lewis, M. A., Blalock, S. J., Hogan, S. L., & DeVellis, B. M. (2007, March). *Spousal influences on illness self-management in adults living with systemic vasculitis: The role of accommodative behavior and perceived support.* Poster presented at the 2007 annual meeting of the Society of Behavioral Medicine, Washington, DC.
- Thorpe, C. K., DeVellis, R. F., Hogan, S. L., & Lewis, M. A. (2006, July). *Illness self-management among adults living with ANCA-associated small vessel vasculitis.* Poster presented at the 2006 Vasculitis Foundation's Wegener's and Vasculitis Symposium, Baltimore, MD.
- Fergus, S., Lewis, M. A., & Darbes, L. A. (2006, March). *Social support moderates the relationship between gay community integration and sexual risk behavior among gay male couples.* Paper presented at the annual meetings of the Society of Behavioral Medicine, San Francisco.
- Kalinowski, C. T., Lewis, M. A., & Sterba, K. R. (2006, March). *Reactions to health-related social control in young adults with diabetes.* Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco.
- Sterba, K. R., Lewis, M. A., & Kalinowski, C. T. (2006, March). *Perceptions of diabetes as part of the self and diabetes-related outcomes.* Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco.
- Johnson, R. M., Runyan, C., Coyne-Beasley, T. D., Lewis, M. A., & Bowling, M. J. (2005, November). *Storage of household firearms: An examination of women's attitudes and beliefs.* Paper presented at the annual meetings of the American Public Health Association, Philadelphia.
- Ayala, G. X., Lewis, M., & Perreira, K. (2005, October). *Gender differences in overweight and obesity-related behaviors among immigrant Latinos.* Paper presented at the North American Association for the Study of Obesity Conference in Vancouver, BC.
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- DeVellis, F. R., Sterba, K., Lewis, M. A., & Kalinowski, C. (2005, August). *Deconstructing social support: Empathic accuracy and dyadic efficacy in illness*. Paper presented at the annual meeting of the American Psychological Association, Washington, DC.
- Lewis, M. A. (2005, August). *Relationship interdependence and management of chronic disease within couples*. Paper presented at the annual meeting of the American Psychological Association, Washington, DC.
- Ayala, G. X., Lewis, M., Perreira, K., & Cohen, M. (2005, March). *Obesity in the North Carolina Latino immigrant community*. Globalization of the American South conference, Chapel Hill, NC. Invited.
- Lewis, M. A., Davis, R., & Pasch, K. (2004, March). *Observational methodology for measuring persuasive communication related to health behavior change*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Baltimore.
- Lewis, M. A., McBride, C. M., Pollak, K. I., Puleo, E., Fish, L., Butterfield, R. M., & Emmons, K. M. (2003, March). *Couples' preferences for behavior change following polypectomy*. Paper presented at the annual meeting of the American Society of Preventive Oncology.
- Schmal, S., Lewis, M. A., & Darbes, L. A. (2003, March). *Interdependence and health-related social control: An integration of quantitative and qualitative methods*. Paper presented at the annual meeting of the American Academy of Health Behavior, St. Augustine.
- Wald, L., Lewis, M. A., & Butterfield, R. M. (2003, March). *Self-efficacy and spouses' use of health related social control tactics*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Salt Lake City.
- Davis, L. D., Lewis, M. A., Jennette, C., Thomas, D. B., & Hogan, S. L. (2002). *Quality of life among biopsy-proven glomerular disease patients*. Paper presented at the annual meeting of the American Society of Nephrology.
- Fergus, S., Lewis, M. A., Darbes, L. A., & Butterfield, R. M. (2001, March). *Gay community involvement and HIV risk among gay couples*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Seattle.
- Lewis, M. A. (2001, March). *Invited moderator for paper session on HIV risk and prevention*. At the annual meeting of the Society of Behavioral Medicine, Seattle.
- Butterfield, R. M., & Lewis, M. A. (2000, March). *Social control and health-related behavior: Antecedents and reactions*. Paper presented at the annual meetings of the Society of Behavioral Medicine, Nashville.
- Darbes, L. A., & Lewis, M. A. (2000). *Social support as a predictor of HIV risk behavior in gay male couples*. Paper presented at the annual meetings of the Society of Behavioral Medicine, Nashville.
- Reed, P., Lewis, M. A., Mutran, E., & Reitzes, D. (2000). *Social relationships as predictors of alcohol abuse among working older adults*. Paper presented at the annual meeting of the American Society on Aging, San Diego.
- Johnston-Brooks, C. H., Lewis, M. A., & Garg, S. (1999, March). *The role of the self in the management of insulin dependent diabetes mellitus among young adults*. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Diego.
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- Lewis, M. A., Butterfield, R., Darbes, L., & Johnston-Brooks, C. (1999, March). *Husbands' and wives' use of health-related social control tactics*. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Diego.
- Hansen, M. M., Johnston-Brooks, C., Gottlieb, P., & Lewis, M. A. (1999). *Nutrition behaviors associated with lower glycohemoglobin (HbA1c) levels*. Paper presented at the annual meetings of the American Diabetes Association, San Diego.
- Lewis, M. A., & Butterfield, R. (1998, August). *Social influence tactics and health behavior change*. Paper presented at the annual meeting of the American Psychological Association, San Francisco.
- Butterfield, R., & Lewis, M. A. (1998, June). *Actor and partner effects in social influence tactics*. Paper presented at the biennial meeting of the International Society for the Study of Personal Relationships, Saratoga Springs.
- Lewis, M. A., & Butterfield, R. (1998, June). *Social control, relationship functioning, and health behavior change*. Paper presented at the biennial meeting of the International Society for the Study of Personal Relationships, Saratoga Springs.
- Darbes, L. A., Lewis, M. A., Conner, R. F., & Mishra, S. I. (1996, June). *Changes in risk behavior and theoretical implications of an aids education intervention*. Paper presented at the annual meeting of the American Psychological Society, San Francisco.
- Johnston-Brooks, C. H., Lewis, M. A., & Evans, G. W. (1996, March). *Household density, cardiovascular reactivity and health: Support for the arousal theory*. Paper presented at the joint meetings of the annual International Congress of Behavioral Medicine & the annual meeting of the Society of Behavioral Medicine, Washington, DC.
- Butterfield, R. M., & Lewis, M. A. (1995, May). *Emotional responses to spousal social control attempts to change health behavior*. Paper presented at the annual meeting of the Rocky Mountain Psychological Association, Boulder.
- Johnston, C. H., Lewis, M. A., Evans, G. W., & Whalen, C. K. (1995, May). *Crowding, density, and blood pressure reactivity in sixth grade boys*. Paper presented at the annual meeting of the Rocky Mountain Psychological Association, Boulder.
- Thompson, M., & Lewis, M. A. (1995, May). *Spousal social control, marital quality, and health behavior change*. Paper presented at the annual meeting of the Rocky Mountain Psychological Association, Boulder.
- Lewis, M. A., Butterfield, R., & Thompson, M. (1995, March). *Spousal social control: Impact on health behaviors and emotions*. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Diego.
- Lewis, M. A., Thompson, M., & Francis, D. (1994, July). *Social control in marital relationships*. Paper presented at the biennial international conference of the International Society for the Study of Personal Relationships, Groningen, The Netherlands.
- Conner, R. F., Mishra, S. I., & Lewis, M. A. (1993, October). *A field test of three models of health behavior change: The case of an HIV/aids prevention program*. Paper presented at the annual meeting of the American Public Health Association, San Francisco.
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- Mishra, S. I., Conner, R. F., & Lewis, M. A. (1993, October). *HIV/aids prevention with migrant workers: Results from a quasi-experimental research reflecting behavior change*. Paper presented at the annual meeting of the American Public Health Association, San Francisco.
- Mishra, S. I., Conner, R. F., & Lewis, M. A. (1993, April). *AIDS prevention among Latino migrant workers: Evaluation of an intervention program*. Paper presented at the plenary sessions of the sixteenth annual meeting of the Society of General Internal Medicine, Arlington, VA. Reprinted in *Clinical Medicine*, 41, 589A.
- Lewis, M. A. (1993, March). *Health Behaviors and Psychological Distress: The Role of Social Control*. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco.
- Conner, R. F., Mishra, S. I., & Lewis, M. A. (1992, November). *AIDS prevention among Mexican farm workers: Lessons from a quasi-experiment*. Paper presented at the annual meeting of the American Evaluation Association, Seattle.
- Conner, R. F., Lewis, M. A., Mishra, S. I., Von Son, C., Perez, M., & Villa, L. (1991, November). *AIDS prevention with migrant farm workers: A quasi-experimental evaluation of a fotonovela and radionovela program*. Paper presented at the annual meeting of the American Public Health Association, Atlanta.
- Lewis, M. A., & Rook, K. S. (1991, November). *Positive and negative social ties: Short-term versus long-term effects on psychological distress*. Paper presented at the annual meeting of the Gerontological Society of America, San Francisco.
- Conner, R. F., Lewis, M. A., & Mishra, S. I. (1991, October). *AIDS prevention for Mexican migrant farm workers in the United States*. Paper presented at the annual meeting of the American Evaluation Association, Chicago.
- Lewis, M. A., & Rook, K. S. (1991, August). *A longitudinal experimental study of social control in late life*. Paper presented at the annual meeting of the American Psychological Association, San Francisco.
- Pietromonaco, P. R., Rook, K. S., & Lewis, M. A. (1991, June). *Accuracy and bias in depressives' perceptions of friends and strangers*. Paper presented at the annual meeting of the American Psychological Society, Washington DC.
- Lewis, M. A., & Rook, K. S. (1991, February). *A longitudinal analysis of the influence positive and negative social network ties have on psychological distress among the elderly*. Paper presented at the annual meeting of the International Network for Social Network Analysis, Tampa.
- Conner, R. F., Lewis, M. A., Mishra, S. I., Magana, R., Martinez, R., & Valenzuela, R. (1990, October). *A formative evaluation of an aids prevention program for Hispanic/Latino migrant workers*. Paper presented at the annual meeting of the American Evaluation Association, Washington, DC.
- Magana, R., Conner, R. F., Mishra, S. I., & Lewis, M. A. (1990, October). *Formative evaluation of an aids prevention program for migrant farm workers*. Paper presented at the annual meeting of the American Public Health Association, New York City.
- Bui, K. V., Lewis, M. A., & Rook, K. S. (1990, April). *Stress, positive social ties, and immune function in an elderly sample*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Chicago.
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- Conner, R. F., Lewis, M. A., & Mishra, S. I. (1990, June). *A theory-based evaluation of an aids prevention program*. Presented at the Sixth International Conference on AIDS, San Francisco.
- Conner, R. F., Mishra, S. I., & Lewis, M. A. (1989, October). *Quasi-experimental evaluation of an aids prevention program*. Paper was to be presented at the annual conference of the American Evaluation Association; canceled due to earthquake. Later reprinted in conference proceedings.
- Lewis, M. A., Rook, K. S., & Pietromonaco, P. R. (1989, August). *Interpersonal sensitivity within the friendships of depressed and non-depressed women*. Paper presented at the annual meeting of the American Psychological Association, New Orleans.
- Conner, R. F., Lewis, M. A., Mishra, S. I., Bryer, S., & Marks, J. (1989, April). *Evaluating an AIDS prevention program for university students*. Paper presented at the annual meeting of the Howard R. Davis Society for Knowledge Utilization and Planned Change, Los Angeles.
- Lewis, M. A., Meyers, L., Evans, G. E., & Whalen, C. K. (1989, March). *Familial and psychological influences on children's blood pressure reactivity*. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco.
- Conner, R. F., Lewis, M. A., & Mishra, S. I. (1988, October). *Measuring risk perceptions for AIDS*. Paper presented at the annual meeting of the American Evaluation Association, New Orleans.
- Conner, R. F., Mishra, S. I., & Lewis, M. A. (1988, October). *Assessing AIDS-related knowledge, attitude, and behavior changes: Theory-driven evaluation*. Paper presented at the annual meeting of the American Evaluation Association, New Orleans.
- Lewis, M. A. (1987, August). *Attributions, perceived control, and perceptions of patient compliance*. Paper presented at the annual meeting of the American Psychological Association, New York City.

## Technical Reports

- Squiers, L. B., Lewis, M. A., Boudewyns, V., Lynch, M. M., Stevens, T. A., Moultrie, R., & Lefebvre, R. C. (2012, November). *Preconception health social marketing plan* (Report No. 0210637.020). Prepared for Centers for Disease Control and Prevention, National Center on Birth Defects and Developmental Disabilities.
- Uhrig, J. D., Harris, J. L., Furberg, R. D., Bann, C. M., Coomes, C. M., Williams, P. N., & Lewis, M. A. (2011, March). *Communication-focused technologies: Providing tailored health-communication messages in an ambulatory care setting for HIV-positive men who have sex with men*. Prepared for Agency for Healthcare Research and Quality.
- Lewis, M. A., Kane, H. L., Williams-Piehot, P. A., Moultrie, R., & Nerz, P. A. (2010, September). *MOVE! Implementation best practices: Evaluation results final report*. Prepared for U.S. Department of Veterans Affairs, Veterans Health Administration.
- Lewis, M. A., Squire, C. M., & Sohrakoff, K. R. (2008, October). *Merck proposal review meeting summary*. Prepared for Merck Company Foundation.
- Alexander, J. P., Jones-Bell, M. S., Kish Doto, J., & Lewis, M. A. (2007, December). *Consumer testing of personal care note: Results from interviews: Final report*. Prepared for Resolution Health.
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- McCormack, L. A., Squire, C. M., Lewis, M. A., Isenberg, K. L., & Uhrig, J. D. (2007, September). *Consumer centric provider selection tool: Phase II focus group and individual interview report*. Prepared for Blue Cross Blue Shield Association.
- McCormack, L. A., Lewis, M. A., Bonito, A. J., Swinson, T. M., Squire, C. M., & Porterfield, D. (2007, July). *Merck Company Foundation health care disparities proposed plan*. Prepared for The Merck Company Foundation.
- Lewis, M. A., & Driscoll, D. (2007, April). *Evaluation plan for the North Carolina strike out stroke campaign*. Prepared for Brogan and Partners.
- Lewis, M. A., Driscoll, D., & Beatty, F. B. (2007, February). *Message testing for the North Carolina Strike Out Stroke campaign*. Prepared for Brogan and Partners.
- McCormack, L. A., Squire, C. M., Lewis, M. A., Bandel, K., & Uhrig, J. D. (2007, January). *Consumer centric provider selection tool: Focus group report and individual interview report*. Prepared for Blue Cross Blue Shield Association.
- McCormack, L. A., Lewis, M. A., Bandel, K., Squire, C. M., & Uhrig, J. D. (2006, December). *Consumer centric provider selection tool: Focus group report*. Prepared for Blue Cross Blue Shield Association.
- McCormack, L. A., Lewis, M. A., Uhrig, J. D., Bonito, A. J., Squire, C. M., Beatty, F. B., & Swinson, T. M. (2006, December). *Merck Health Disparities Initiative*. Prepared for The Merck Company Foundation.
- Twiss, J., & Lewis, M. A. (1989). *California healthy cities project: Preliminary results of a statewide survey*. Prepared for the California State Department of Health Services, Health Promotion Branch, Healthy Cities Project.
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