

## VITA

### David M. Murray

#### Education

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| 1969-73 Denison University<br>Granville, Ohio 43023<br>B.A., Psychology | 1973-78 University of Tennessee<br>Knoxville, Tennessee 37916<br>Ph.D., Experimental Psychology |
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#### Affiliations

Society for Prevention Research

#### Professional Appointments

- 1973-76 NIMH Trainee in Comparative and Physiological Psychology, Department of Psychology, University of Tennessee.
- 1978-81 Postdoctoral Fellow, Program in Cardiovascular Health Behavior, University of Minnesota.
- 1981-83 Assistant Professor, Laboratory of Physiological Hygiene, University of Minnesota.
- 1983-87 Assistant Professor, Division of Epidemiology, University of Minnesota.
- 1987-93 Associate Professor, Division of Epidemiology, University of Minnesota.
- 1993-98 Professor, Division of Epidemiology, University of Minnesota.
- 1998-05 Lillian and Morrie Moss Chair of Excellence, Department of Psychology, University of Memphis.
- 2000-05 Adjunct Professor, Department of Mathematical Sciences, Program in Statistics, University of Memphis
- 2001-05 Adjunct Professor, Department of Preventive Medicine, University of Tennessee, Memphis
- 2005-08 Adjunct Professor, Department of Public Health, Weill Cornell Medical Center
- 2005-12 Professor and Chair, Division of Epidemiology, College of Public Health, The Ohio State University
- 2006-12 Adjunct Professor, Department of Mental Health, Bloomberg School of Public Health, Johns Hopkins University
- 2007-09 Interim Chair, Division of Biostatistics, College of Public Health, The Ohio State University
- 2012- Associate Director for Prevention and Director of the Office of Disease Prevention, National Institutes of Health

#### Research Support

- 1979-82 Co-Principal Investigator and Project Director (1980-82), Co-Investigator and Project Coordinator (1979-80), Prevention of Cigarette Smoking in Children (PCSC), NICHD Grant R01-HD-12801, May 1, 1979 - April 31, 1982. University of Minnesota. (\$202,935)
- 1979-82 Co-Principal Investigator (1980-82), Co-Investigator (1979-80), Childhood Antecedents of Habitual Cigarette Smoking (CASS), NICHD Contract N01-HD-92831, October 1, 1979 - September 31, 1982. University of Minnesota. (\$276,944)
- 1980-94 Co-Principal Investigator and Health Program Director (1987-93), Associate Health Program Director (1981-86), Co-Youth Education Director (1980-81); Minnesota Heart Health Program (MHHP), NHLBI Grant R01-HL-25523, July 1, 1980 - June 30, 1993, University of Minnesota. (\$32,565,288)
- 1981-84 Co-Investigator, Prevention of High Blood Pressure in Children (PHBPC), NHLBI Grant R01-HL-19877, June 1, 1981 - May 31, 1985. University of Minnesota. (\$3,190,659)
- 1982-85 Principal Investigator, Developmental Approach to Adolescent Smoking Prevention (NIDA I), NIDA Grant R01-DA/HD-03205, October 1, 1982 - September 31, 1985, University of Minnesota. (\$426,797)
- 1983-86 Principal Investigator, Tailoring Drug Abuse Prevention to the Environment (NIDA II), NIDA Grant R01-DA-03044, June 1, 1983 - May 31, 1986, University of Minnesota. (\$203,671)
- 1983-87 Co-Investigator, Promotion of Healthy Eating Patterns in Youth (HH), NHLBI Grant R18-HL-30625, July 1, 1983 - June 30, 1988, University of Minnesota. (\$931,247)
- 1984-90 Principal Investigator, Evaluation of School Based Smoking Prevention (YAL), NCI Grant R01-CA-38275, July 1, 1984 - June 30, 1990, University of Minnesota. (\$1,500,540)
- 1986-92 Principal Investigator, A Statewide Approach to Adolescent Tobacco-Use Prevention (TSTP), NCI Grant R01-CA-43323, July 1, 1986 - June 30, 1992, University of Minnesota. (\$1,054,677)

- 1987-91 Co-Investigator, Children's Activity Trial for Cardiovascular Health (CATCH) NHLBI Cooperative Agreement U01-HL-39852, September 30, 1987 - March 31, 1991, University of Minnesota. (\$970,403)
- 1989-90 Co-Principal Investigator, Models for Treating High Blood Cholesterol (PACE), NHLBI Grant R01-HL-44141, September 30, 1989 - August 31, 1994, University of Minnesota. (\$1,146,611)
- 1989-93 Co-Principal Investigator, Evaluation of Worksite Nonsmoking Policies in Minnesota Schools (SSPP), American Cancer Society Grant TBR-50, January 1, 1990 - December 31, 1993, University of Minnesota. (\$564,072)
- 1990-91 Senior Statistician, Statistical Center, Community Programs for Clinical Research on AIDS (CPCRA), NIAID Contract NIAID-AIDSP-90-21, April 1, 1990 - March 31, 1995. University of Minnesota. (\$19,400,000)
- 1991-97 Co-Principal Investigator, Reducing Youth Access to Alcohol (CMCA), NIAAA Grant R01-AA-09142, September 30, 1991 - August 31, 1997, University of Minnesota. (\$2,975,974)
- 1992-97 Co-Investigator, Dietary Intervention Methods for Clinical Trials (TRIM), NHLBI Grant R01-HL-41332, April 1, 1992 - March 31, 1997, University of Minnesota. (\$2,124,285)
- 1992-94 Co-Principal Investigator, Minnesota Cancer Pain Project (CPI), NCI Grant R25-CA-57803, July 1, 1992 - June 30, 1994, University of Minnesota. (\$473,998)
- 1992-97 Co-Principal Investigator, Community Initiatives to Limit Teenage Access to Tobacco (TPOP). NCI Grant R01-CA-54893, September 1, 1992 - June 30, 1997, University of Minnesota. (\$1,143,605).
- 1993-96 Co-Principal Investigator, Obesity Prevention in American Indians: Field Center (Pathways). NHLBI Cooperative Agreement U01-HL-50885, October 1, 1993 - September 30, 1996, University of Minnesota. (\$819,865).
- 1993-97 Co-Investigator, 5-A-Day POWER PLUS (5 A Day). NCI Grant R01-CA-59805, October 1, 1993 - September 30, 1997, University of Minnesota. (\$338,625).
- 1994-98 Co-Investigator, Community Intervention to Reduce MI Delay: Field Center (REACT). NHLBI Cooperative Agreement U01-HL-53211, July 15, 1994 - May 31, 1998, University of Minnesota. (\$2,086,501).
- 1995-98 Statistician, Improving Participation in Worksite Smoking Programs (SUCCESS), NHLBI Grant R01-HL-52909, May 1, 1995 - April 30, 1999, University of Minnesota. (\$1,909,699).
- 1996-98 Statistician, Promoting Smoking Cessation in Hospital Patients (TEAM), NCI Grant R18-HL-54132, June 1, 1996-May 31, 2000, University of Minnesota. (\$1,827,262).
- 1996-99 Co-Principal Investigator, Obesity Prevention in American Indians: Field Center (Pathways). NHLBI Cooperative Agreement U01-HL-50885, September 1, 1996 - August 31, 2001, University of Minnesota. (\$3,894,991); Principal Investigator, subcontract to The University of Memphis, August 1, 1998-July 31, 1999 (\$10,080).
- 1997-98 Co-Investigator, Alcohol Server Training: A Randomized Trial (ARM). Robert Wood Johnson Grant 028812, April 1, 1997 - March 30, 1998, University of Minnesota. (\$288,727).
- 1997-98 Co-Principal Investigator, Community Initiatives to Limit Teenage Access to Tobacco II (TPOP Renewal). NCI Grant R01-CA-54893, July 1, 1997 - June 30, 2001, University of Minnesota. (\$1,581,973).
- 1997-01 Co-Investigator, Reducing Cancer-Related Dietary Risk Behaviors in Adolescents (TEENS). NCI Grant R01-CA-71943, August 1, 1997 - July 31, 2001, University of Minnesota. (\$2,751,909); Principal Investigator, subcontract to The University of Memphis, June 17, 1999-July 31, 2001. (\$57,677).
- 1998-99 Co-Investigator, Preventing Alcohol Sales to Minors (CMDA). NIAAA Grant R01-AA-11258, September 1, 1997 - August 31, 2002, University of Minnesota. (\$1,978,467).
- 1999-05 Co-Investigator, Decreasing Weight Gain in African American Preadolescent Girls (GEMS). NHLBI Cooperative Agreement U01-HL-62662, August 1, 1999-November 30, 2005. The University of Memphis. (\$4,469,460).
- 2000-02 Co-Investigator, Trial of Activity for Adolescent Girls: Field Center (TAAG). NHLBI Cooperative Agreement U01-HL-66845, September 1, 2000-August 31, 2006, University of Minnesota (\$4,963,170); Principal Investigator, subcontract to the University of Memphis, September 1, 2000-August 31, 2002 (\$43,804).

- 2000-04 Co-Investigator, A Model DOD Systems Approach for Tobacco Cessation (DOD). DOD Grant ERMS 00321020, October 1, 2000-September 30, 2004 (\$2,714,350) University of Minnesota; Co-Investigator, subcontract to the University of Memphis, October 1, 2000-September 30, 2004 (\$130,065).
- 2000-05 Co-Investigator, Smoking Onset in a Biethnic Population. NHLBI Grant R01-HL-50723, February 1, 2001-January 31, 2005. The University of Memphis (\$1,101,000).
- 2002-08 Co-Investigator, Trial of Activity for Adolescent Girls: Coordinating Center (TAAG). NHLBI Cooperative Agreement U01-HL-66853, September 1, 2000-August 31, 2007, University of North Carolina, Chapel Hill, (\$9,008,539); Principal Investigator, subcontract to the University of Memphis, September 1, 2002-August 31, 2005; Principal Investigator, subcontract to The Ohio State University, September 1, 2005-August 31, 2008.
- 2003-05 Co-Investigator, Smoking Cessation with African-American Men: A Pilot Study. NCI Grant R21-CA-91987, September 1, 2003-August 31, 2005, The University of Memphis (\$278,800).
- 2004-12 Co-Investigator, Science-based Prevention: Testing Communities That Care (CYDS). NIDA Grant R01-DA-015183, April 24, 2003-March 31, 2008 (\$19,980,387), University of Washington; Principal Investigator, subcontract to the University of Memphis January 1, 2004-August 31, 2005; Principal Investigator, subcontract to The Ohio State University, September 1, 2005-June 30, 2013.
- 2004-05 Sponsor, Two Methodological Problems in Psychotherapy Research. NIMH Pre-Doctoral Fellowship Research Grant F31-MH-073203, September 1, 2004-August 31, 2005, The University of Memphis (\$27,992).
- 2004-06 Co-Investigator, Obesity Prevention in Youth Using Dental Settings. NIDCR Grant R21-DE-16131, September 28, 2004-June 30, 2006, The University of Memphis (\$377,398); Principal Investigator, subcontract to The Ohio State University, September 1, 2005-June 30, 2006 (\$11,745).
- 2004-05 Co-Investigator, Multi-Ethnic Drug Abuse Prevention Center. NIDA Grant P50-DA-007656, September 1, 1991-August 30, 2005, Cornell University Medical School (\$1,384,964); Principal Investigator, subcontract to the University of Memphis, October 1, 2004-September 30, 2005 (\$62,475).
- 2004-08 Co-Investigator, Center for Prevention and Early Intervention. NIMH Grant P30-MH-066247, July 1, 2004-June 30, 2009, Johns Hopkins University; Principal Investigator, subcontract to the University of Memphis, December 1, 2004-June 30, 2005 (\$22,124); Principal Investigator, subcontract to The Ohio State University, September 1, 2005- June 30, 2009.
- 2005-12 Co-Investigator, Ohio Patient Navigation Program. American Cancer Society Grant SIRSSG-05-253, November 1, 2005-October 31, 2011, The Ohio State University (\$1,404,180).
- 2005-06 Project Director, Doctoral Dissertation Research: A Comparison of Propensity Methods on Simulated Data. NSF Grant SES-0519288, September 1, 2005-August 31, 2006, University of Memphis (\$5,000).
- 2006-12 Co-Investigator, Etiology of Childhood Obesity: A Longitudinal Study. NHLBI Grant R01-HL-085978, September 1, 2006-May 31, 2011, University of Minnesota (\$3,387,223); Principal Investigator, subcontract to The Ohio State University, September 1, 2006-June 30-2011 (\$309,000).
- 2007-08 Co-Investigator, Ohio State Health Network Infection Control Collaborative. CDC Cooperative Agreement U01-CI-000328, November 1, 2007-September 30, 2008, The Ohio State University (\$1,972,886).
- 2007-12 Co-Investigator, Enhancing Colorectal Cancer Screening in Primary Care. NCI Grant R01-CA-116487, May 24, 2007-February 28, 2012, The Ohio State University (\$2,239,399).
- 2008-12 Co-Investigator, CBPR Strategies to Increase Colorectal Cancer Screening in Ohio Appalachia. MD Grant R24MD002785, May 28, 2008-January 31, 2013, The Ohio State University (\$2,900,833).
- 2008-12 Co-Investigator, Breast Cancer Survivors: Physical Activity, Inflammation, Fatigue, and Distress. NCI Grant R01-CA-126857, June 1, 2007-April 30, 2012, The Ohio State University (\$2,598,764).
- 2008-12 Co-Investigator. A Randomized Controlled Trial of the Combination of Two School-Based,

- Universal Preventive Interventions. IES Grant R305A080326, July 1, 2008-June 30, 2012, Johns Hopkins University (\$1,480,356); Principal Investigator, subcontract to The Ohio State University, July 1, 2008-June 30, 2012 (\$328,007).
- 2008-10 Co-Investigator, Reducing Cervical Cancer in Appalachia – Supplement. NCI Grant 3P50-CA-105632-05S2, September 1, 2008-August 31, 2010, The Ohio State University, (\$312,645).
- 2009-12 Co-Investigator, RCT for Smoking Cessation in 10 Medical Schools. NCI grant 1R01-CA-136888-01A1, July 6, 2009-May 31, 2014, University of Massachusetts Medical School (\$4,081,036); Principal Investigator, subcontract to the Ohio State University, July 6, 2009-May 31, 2014 (\$104,963).
- 2009-12 Co-Investigator, Tobacco Cessation Interventions with Ohio Appalachian Smokers. NCI Grant R01-CA-129771-01A2, December 1, 2009-November 30, 2014, The Ohio State University (\$3,487,655).
- 2010-12 Co-Investigator, State-level Policies, Demographics and Behaviors Associated with Adolescent Obesity. NHLBI Grant R21-HL-097374-01, April 1, 2010-March 31, 2012, University of North Carolina, Chapel Hill (\$438,453); Principal Investigator, subcontract to the Ohio State University, April 1, 2010-March 31, 2012 (\$37,944).
- 2010-12 Co-Investigator, Childhood Obesity Prevention Coordinating Unit. NHLBI Grant U01-HL-103561-01, July 1, 2010-June 30, 2017, University of North Carolina, Chapel Hill (\$5,144,921); Principal Investigator, subcontract to the Ohio State University, July 1, 2010-June 30, 2017 (\$479,660).

### Teaching Experience

Epidemiology II. Interpretation of Data from Epidemiologic Research. A required course for MPH and Ph.D. students, this course provides instruction and hands on experience in the analysis and interpretation of data from case-control and cohort studies. The Ohio State University, 2007-present.

Writing NIH Research Grants. This course provides instruction and experience in the preparation of an NIH grant proposal. University of Memphis, 2001.

Applied Categorical Data Analysis. This course provides instruction in the analysis and interpretation of categorical data, including the use of tabular methods, logistic regression, Poisson regression, Cox regression, and other techniques. University of Memphis, 2000-2005.

Mixed Model Regression. This course provides instruction in mixed-model regression methods as applied to group-randomized trials and other research designs involving hierarchical data structures. University of Memphis, 1999-2005.

Design and Analysis of Group-Randomized Trials in Epidemiology. A required course for Ph.D. students in the behavioral track, this course provides instruction in research design and analysis issues for studies that allocate identifiable groups to treatment conditions. Examples include comparative intervention trials based in worksites, schools, hospitals, communities and other identifiable groups. University of Minnesota, 1984-98; The Ohio State University, 2006, 2008, 2009.

Epidemiology III. Interpretation of Data from Epidemiologic Research. A required course for MPH and Ph.D. students, this course provides instruction and hands on experience in the analysis and interpretation of data from case-control and cohort studies. University of Minnesota, 1988-98.

Grant Writing. A required course for Ph.D. students, this course provides instruction and experience in the preparation of an NIH grant proposal. University of Minnesota, 1997-98.

Seminar in Epidemiology (Masters Project Presentations). A required course for MPH students, this course is designed for second- year graduate students and provides a forum for presentation and discussion of their research projects. University of Minnesota, 1986-92.

### Review Committees

National Heart, Lung and Blood Institute

School Based Multiple Risk Factor Interventions: Bethesda, December 3-5, 1982; March 21-22, 1983; October 22, 1985.

Model Cholesterol Screening Programs: Bethesda, July 1-3, 1986.

National Research and Demonstration Centers: New Orleans, May 1, 1986; Houston, May 4-5, 1986.

Educational and Intervention Strategies for Controlling Asthma: May 23-24, 1993.

#### National Cancer Institute

Smoking Prevention Among Hispanic Youth: Boston, November 3-4, 1986; Boston, May 1-2, 1988.

Smokeless Tobacco: Bethesda, May 13-14, 1987.

Cancer Prevention Research Units: Los Angeles, January 25-27, 1989; New York, July 30-August 1, 1989.

Research in Innovative Strategies to Reduce Tobacco Use: Bethesda, January 5-6, 1995.

Group Randomized Trials of Health Behavior Change: Seattle, July 7-9, 1999.

#### National Institute on Drug Abuse

AIDS Project Proposal: New York, August 27-28, 1987

Drug Use Prevention: Rockville, August 4-5, 1983; October 17-18, 1983; July 19, 1985; December 2, 1986; August 14, 1991; Bethesda, August 10, 1993.

Small Business Initiatives: Bethesda, June 14-15, 1984.

Alcohol Related Risks for AIDS: Bethesda, July 28-29, 1988.

Centers of Excellence: Bethesda, February 23-24, 2010.

P50 Center Grants: Washington DC, February 23-24, 2010

#### Patient-Centered Outcomes Research Institute

Pilot Project Grants: Bethesda, February 21, 2012.

#### Division of Research Grants

Community Prevention and Control Initial Review Group (CPC): Bethesda, March 3, 1995; October 27, 1995; June 20-21, 1996

Sociology, Nursing, Epidemiology and Methods Initial Review Group (SNEM-1): Bethesda, June 16-17, 2000; October 16-17, 2000; February 15-16, 2001; June 14-15, 2001; October 18-19, 2001; June 20-21, 2002 (Chair); October 17-18, 2002 (Chair); June 25-27, 2003 (Chair); February 27-28, 2003 (Chair); March 3, 2003 (Member Review); March 4, 2003 (Non-R01s); June 25-27, 2003 (Chair).

Community Level Health Promotion Initial Review Group (CLHP, formerly SNEM-1): Washington, D.C., October 15-17, 2003 (Chair); February 12-13, 2004 (Chair); June 10-11, 2004 (Chair); October 5, 2004 (Member Review); November 17, 2004 (Member Review); March 18, 2005 (Member Review); February 13, 2008 (Member Review (Chair)); October 2-3, 2009.

#### Editorial Boards

2005-12 Preventive Medicine

2006-12 Prevention Science

2011-12 Evaluation Review

#### Honors, National Service Activities, and Invited Addresses and Papers

Instructor, 18<sup>th</sup> Annual Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, Office of Behavioral and Social Science Research, National Institutes of Health, Airlie, Virginia, July 17, 2017.

Instructor, 17<sup>th</sup> Annual Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, Office of Behavioral and Social Science Research, National Institutes of Health, Airlie, Virginia, July 18, 2016.

Instructor, 41<sup>st</sup> Annual Ten Day Seminar on the Epidemiology and Prevention of Cardiovascular Disease, American Heart Association, Tahoe, California, July 31, 2015.

Instructor, 16<sup>th</sup> Annual Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, Office of Behavioral and Social Science Research, National Institutes of Health, Airlie, Virginia, July 20, 2015.

Instructor, 40<sup>th</sup> Annual Ten Day Seminar on the Epidemiology and Prevention of Cardiovascular Disease,

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American Heart Association, Tahoe, California, August 1, 2014.

Instructor, 15<sup>th</sup> Annual Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, Office of Behavioral and Social Science Research, National Institutes of Health, Airlie, Virginia, July 28, 2014.

Instructor, 14<sup>th</sup> Annual Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, Office of Behavioral and Social Science Research, National Institutes of Health, Airlie, Virginia, July 22, 2013.

Keynote Address, Developing a Strategic Plan for Prevention Research at NIH, 21<sup>st</sup> Annual Meeting of the Society for Prevention Research, San Francisco, CA, May 30, 2013.

Instructor, 13<sup>th</sup> Annual Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, Office of Behavioral and Social Science Research, National Institutes of Health, Airlie, Virginia, July 24, 2012.

Instructor, Annual Summer Institute in Mental Health Research, Department of Mental Health, Bloomberg School of Public Health, Johns Hopkins University, June 18-19, 2012.

Instructor, 12<sup>th</sup> Annual Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, Office of Behavioral and Social Science Research, National Institutes of Health, Airlie, Virginia, July 19-23, 2011.

Instructor, Annual Summer Institute in Mental Health Research, Department of Mental Health, Bloomberg School of Public Health, Johns Hopkins University, June 20-21, 2011.

Instructor, 11<sup>th</sup> Annual Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, Office of Behavioral and Social Science Research, National Institutes of Health, Airlie, Virginia, July 19-23, 2010.

Instructor, Annual Summer Institute in Mental Health Research, Department of Mental Health, Bloomberg School of Public Health, Johns Hopkins University, June 28-29, 2010.

Instructor, 10<sup>th</sup> Annual Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, Office of Behavioral and Social Science Research, National Institutes of Health, Airlie, Virginia, July 19-24, 2009.

Instructor, Annual Summer Institute in Mental Health Research, Department of Mental Health, Bloomberg School of Public Health, Johns Hopkins University, June 29-30, 2009.

Instructor, 9<sup>th</sup> Annual Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, Office of Behavioral and Social Science Research, National Institutes of Health, Airlie, Virginia, July 21-25, 2008.

Instructor, Annual Summer Institute in Mental Health Research, Department of Mental Health, Bloomberg School of Public Health, Johns Hopkins University, July 1-2, 2008.

Fellow, American Association for the Advancement of Science, October 12, 2007.

Instructor, 8<sup>th</sup> Annual Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, Office of Behavioral and Social Science Research, National Institutes of Health, Airlie, Virginia, July 22-27, 2007.

Instructor, Annual Summer Institute in Mental Health Research, Department of Mental Health, Bloomberg School of Public Health, Johns Hopkins University, July 16-17, 2007.

Instructor, 7<sup>th</sup> Annual Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, Office of Behavioral and Social Science Research, National Institutes of Health, Airlie, Virginia, July 17-21, 2006.

Instructor, Annual Summer Institute in Mental Health Research, Department of Mental Health, Bloomberg School of Public Health, Johns Hopkins University, July 5-6, 2006.

Instructor, 6<sup>th</sup> Annual Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions, Office of Behavioral and Social Science Research, National Institutes of Health, Airlie, Virginia, August 1-5, 2005.

Instructor, Annual Summer Institute in Mental Health Research, Department of Mental Health, Bloomberg School of Public Health, Johns Hopkins University, July 14, 2005.

Instructor, Summer Program in Applied Statistical Methods, School of Public Health, The Ohio State University, July, 2004.

Invited address, *Assessing Intervention Effectiveness in Occupational Exposure Studies*. X2004 Conference June 16-18, 2004, Utrecht, Netherlands.

Expert member, NIH/CDC Invitational Meeting, *Research Designs for Complex, Multi-Level Health Interventions and Programs*, May 4-5, 2004, NIH campus, Bethesda, Maryland.

Member, Helping Young Smokers Quit Initiative Project - Chicago, Illinois, February 24, 2003.

Invited address, *Addressing Likely Research Questions: Suggestions for Design and Analysis*. First National Tobacco Monitoring, Research, and Evaluation Workshop, November 4-6, 2002, Bethesda, Maryland.

Chair, Community-Level Health Promotion Initial Review Group (CLHP) (formerly SNEM-1), Center for Scientific Review, National Institutes of Health, 2003-04.

Member, Evaluation Research Advisory Panel, American Legacy Foundation, 2000-04 .

Member, Social Sciences, Nursing, Epidemiology and Methods Initial Review Group (SNEM-1), Center for Scientific Review, National Institutes of Health, 2000-02.

Member, Data Safety and Monitoring Board, NIMH Collaborative HIV/STD Prevention Trial, 2000-current.

Invited address, *Statistical Models Appropriate for Designs Often Used in Group-Randomized Trials*, Emerging Statistical Issues in Public Health for the 21st Century, 7th Biennial Centers for Disease Control and Agency for Toxic Substances and Disease Registry Symposium on Statistical Methods, Atlanta, Georgia, January 28-29, 1999.

Lillian and Morrie Moss Chair of Excellence, Department of Psychology, University of Memphis, August 21, 1998.

Member, NIH Behavioral and Social Sciences Review Integration Panel II, Gaithersburg, MD, June 10-12, 1998.

Invited address, *Design and Analysis of Group Randomized Trials*. Plenary on Evaluation, Public Health in the 21st Century: Behavioral and Social Science Contributions, American Psychological Association and the Centers for Disease Control and Prevention, Atlanta, Georgia, May 7-9, 1998.

Member, ASSIST Evaluation Technical Expert Panel, November, 1997 to 2003.

Invited address, *Design and Analysis of Community Trials*, Community Trials For Cardiopulmonary Health: Directions For Public Health Practice, Policy And Research, National Heart, Lung and Blood Institute, Bethesda, Maryland, September 25-26, 1996.

Leonard M. Schumann Award for Excellence in Teaching, School of Public Health, University of Minnesota, 1995.

Elected Member, Pi Chapter, Delta Omega Honorary Public Health Society, 1993.

Chair, Design and Analysis Issues in Community Trials Workshop, National Institutes of Health, Bethesda, Maryland, March 23, 1992.

Invited address, *Assessing Intervention Effects in the Minnesota Heart Health Program*, Design and Analysis Issues in Community Trials Workshop, National Institutes of Health, Bethesda, Maryland, March 23, 1992.

Invited address, *Lessons Learned From The NHLBI Sponsored Community-Based Cardiovascular Disease Prevention Studies*, Medicine for the 21st Century, American Medical Association, Palm Springs, California, February 5-8, 1992.

Member, Expert Panel on Design and Analysis of Community Trials, School of Social Work, University of Washington, Seattle, Washington, March 25-26, 1991.

Track Chair, Public Health and Prevention, Society for Behavioral Medicine, 11th Annual Meeting, Chicago, Illinois, April 18-21, 1990.

Member, National Cancer Institute Expert Panel on the Cancer Prevention and Control for High Risk Youth, Rockville, Maryland, March 19-20, 1989.

Member, National Cancer Institute Expert Panel on the Essential Elements of School-Based Tobacco Use Prevention Programming, Rockville, Maryland, December 3-4, 1987.

Invited address, *Community-based Health Promotion: Lessons from the Minnesota Heart Health Program*, Dynamics for Social Change: Implications for Safety, Edmonton, Alberta, Canada, July 29-August 1, 1986.

Invited address, *Dissemination of Community Health Promotion Programs: The Fargo-Moorhead Heart Health Program*, Kaiser Foundation Conference on Community Approaches to Adolescent Drug Abuse Prevention, Menlo Park, California, April 27-29, 1986.

Invited Paper, *The Prevention of Adolescent Drug Abuse: Implications of Etiological, Developmental, Behavioral and Environmental Models*, National Institute on Drug Abuse Research Analysis and Utilization Review on the Etiology of Drug Abuse, Bethesda, Maryland, April 24-25, 1984.

Program Committee, Society for Behavioral Medicine, 1984-86.

Program Committee, Division 38 (Health Psychology), American Psychological Association, 1982-83.

Invited Address, *Towards an Effective Smoking Prevention Program*, National Conference on Research and Development in Health Education with Special Reference to Youth, Southampton, England, September, 1982.

NHLBI Postdoctoral Fellow, School of Public Health, University of Minnesota, Minneapolis, Minnesota, 1978-81.

NIMH Predoctoral Fellow, Department of Psychology, University of Tennessee, Knoxville, Tennessee, 1973-76.

Senior Research Fellow, Department of Psychology, Denison University, Granville, Ohio, 1972-73.

### Peer-Reviewed Journal Articles

1. Lawler JE, Murray DM, Buchholz RA, Culver R, Cox RH, Kirby DA. Integrated circuit system for digitizing arterial blood pressure and heart rate. Physiology and Behavior. 1978;21(1):129-32.
2. Murray DM, Lawler JE. A KIM-1 microprocessor interface for aversive conditioning applications using multiple subjects. Behavior Research Methods and Instrumentation. 1978;10(2):334-9.
3. Arkin RM, Roemhild HF, Johnson CA, Luepker RV, Murray DM. The Minnesota smoking prevention program: a seventh-grade health curriculum supplement. Journal of School Health. 1981;51(9):611-6.
4. Luepker RV, Pechacek TF, Murray DM, Johnson CA, Hund F, Jacobs DR. Saliva thiocyanate: a chemical indicator of cigarette smoking in adolescents. American Journal of Public Health. 1981;71(12):1320-4. PMC1619960.
5. Jeffery RW, Pirie PL, Rosenthal BS, Gerber WM, Murray DM. Nutrition education in supermarkets: an unsuccessful attempt to influence knowledge and product sales. Journal of Behavioral Medicine. 1982;5(2):189-200.
6. Mittelmark MB, Murray DM, Luepker RV, Pechacek TF. Cigarette smoking among adolescents: is the rate declining? Preventive Medicine. 1982;11(6):708-12.
7. Perry CL, Murray DM. Enhancing the transition years: the challenge of adolescent health



- promotion. Journal of School Health. 1982;52(5):307-12.
8. Hughes JR, Jacobs DR, Schucker B, Chapman DP, Murray DM, Johnson CA. Nonverbal behavior of the Type A individual. Journal of Behavioral Medicine. 1983;6(3):279-89.
  9. Luepker RV, Johnson CA, Murray DM, Pechacek TF. Prevention of cigarette smoking: three-year follow-up of an education program for youth. Journal of Behavioral Medicine. 1983;6(1):53-62.
  10. Mittelmark MB, Schultz JM, Murray DM, Luepker RV, Pechacek TF, Pallonen UE. Response to O'Malley: cigarette smoking among high school seniors. Preventive Medicine. 1984;13(4):427-33.
  11. Murray DM, Johnson CA, Luepker RV, Mittelmark MB. The prevention of cigarette smoking in children: a comparison of four strategies. Journal of Applied Social Psychology. 1984;14(3):274-88.
  12. Pechacek TF, Murray DM, Luepker RV, Mittelmark MB, Johnson CA, Shutz JM. Measurement of adolescent smoking behavior: rationale and methods. Journal of Behavioral Medicine. 1984;7(1):123-40.
  13. Murray DM, Blake SM, Prineas R, Gillum RF. Cardiovascular responses in Type A children during a cognitive challenge. Journal of Behavioral Medicine. 1985;8(4):377-95.
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1. Murray DM. Towards an Effective Smoking Prevention Programme. In: Campbell G, editor. Health Education and Youth: A Review of Research & Developments. Philadelphia, PA: The Falmer Press; 1984.
2. Pechacek TF, Fox BH, Murray DM, Luepker RV. Review of Techniques for Measurement of Smoking Behavior. In: Matarazzo JD, Weiss SM, Herd JA, Miller NE, Weiss SM, editors. Behavioral Health: A Handbook of Health Enhancement and Disease Prevention. Canada: John Wiley & Sons; 1984.
3. Murray DM, Perry CL. School-based tobacco use prevention research: the evolution of interventions. In: Burns DM, editor. Strategies to Control Tobacco Use in the United States: A Blueprint for Public Health Action in the 1990's. Washington, D.C.: United States Department of Health and Human Services; 1991.
4. Murray DM. Design and Analysis of Group-Randomized Trials. New York, NY: Oxford University Press; 1998. 467 p.
5. Murray DM. Efficacy and effectiveness trials in health promotion and disease prevention: Design and analysis of group-randomized trials. In: Schneiderman, Gentry, Silva, Speers, Tomes, editors. Integrating behavioral and social sciences with public health. Washington, D.C.: American Psychological Association; 2000. p. 305-20.
6. Toomey TL, Wagenaar AC, Gehan JP, Kilian G, Murray DM, Perry CL. Project ARM: Alcohol risk management to prevent sales to underage and intoxicated patrons. In: Patten ML, editor. Educational and Psychological Research. Los Angeles: Pyrczak Publishing; 2002. p. 202-15.
7. Murray DM. Group-Randomized Trials. In: Armitage P, Colton T, editors. Encyclopedia of Biostatistics. Chichester: John Wiley and Sons, Ltd.; 2005. p. 2257-61.
8. Murray DM. Community Intervention Trial. In: Armitage P, Colton T, editors. Encyclopedia Statistics in Behavioral Science. Chichester: John Wiley & Sons, Ltd; 2005. p. 2257-61.
9. Murray DM. Group-randomized trials, planning and analysis of In: Kotz S, Read CB, Balakrishnan N, Vidakovic B, editors. Encyclopedia of Statistical Sciences. 2 ed. Chichester: John Wiley and Sons Ltd; 2005.
10. Graubard BI, Hartman AM, Gilpin EA, Murray DM, Stillman FA. Final outcomes: analytic methods and results. Evaluating ASSIST: A blueprint for understanding state-level tobacco control Tobacco Control Monograph No 17: U.S. Department of Health and Human Services, National Institute of

- Health, National Cancer Institute. NIH Pub. No. 06-6058.; 2006. p. 265-303.
11. Murray DM. Group-Randomized Trials. In: Chung-Chow S, Liu J, Elder L, editors. Encyclopedia of Clinical Trials. Chichester: John Wiley and Sons Ltd; 2007.
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  13. Murray DM. Sample Size, Detectable Difference, and Power. In: Scheier LM, Dewey WL, editors. The Complete Writing Guide to NIH Behavioral Science Grants. New York: Oxford University Press; 2008. p. 89-106.
  14. Murray DM, Varnell SP, Blitstein JL. Design and analysis of group-randomized trials in cancer prevention and control. In: Miller S, Bowen D, Croyle R, Rowland J, editors. Handbook of Cancer Control and Behavioral Science A Resource for Researchers, Practitioners, and Policymakers. Washington, D.C.: American Psychological Association; 2009. p. 85-102.

### Non-Peer-Reviewed Books and Book Chapters

1. Murray DM. General Psychology: A Personalized System of Instruction. Columbus, Ohio: Collegiate Publishing, Inc.; 1975.
2. Shrader R, Eison J, Murray DM, Fisher R. General Psychology: A Course Manual and Workbook. Columbus, Ohio: Collegiate Publishing, Inc.; 1975.
3. Murray DM, Perry CL. The prevention of adolescent drug abuse: implications of etiological, development, behavioral and environmental models. In: Jones CL, Battjes RJ, editors. The etiology of drug abuse: implications and prevention. Washington, D.C.: U.S. Government Printing Office; 1985. p. 236-56.
4. Luepker RV, Murray DM, Prineas RJ. Primary Prevention of Hypertension in Youth: A Population Approach. Washington, D.C.: U.S. Government Printing Office, 1986.
5. Murray DM, Luepker RV, Grimm RHJ, Blackburn H. Prevention and treatment of hypertension at a community level: The Minnesota Heart Health Program. Washington, D.C.: U.S. Government Printing Office, 1986.

### Non-Peer-Reviewed Journal Articles

1. Luepker RV, Murray DM, Prineas RJ. Primary prevention of hypertension in youth: a population approach. Kardiologia. 1986;26:78-84.
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### Manuscripts Under Review

1. Shoben AB, Andridge RR, Murray DM. Consequences of Participants Switching Groups in Group Randomized Trials. Submitted to Statistics in Medicine, October 26, 2014.
2. Murray DM, Pals SP, George SM, Kuzmichev A, Lai GY, Lee J, Myles RL, Nelson SM. Design and analysis of group-randomized trials in cancer: a review of current practices. Submitted to Journal of the National Cancer Institute, August 10, 2017.

### Presentations

1. Lawler, JE, Murray, DM, Culver, R, Buchholz, RA, and Cox, RH. Integrated circuit system for digitizing blood pressure and heart rate in animals. Paper presented at the 16th Annual Meeting of the Society for Psychophysiological Research, San Diego, November, 1976.
2. Huck, S, and Murray, DM. Regression to the mean in two-factor repeated measures ANOVA designs. Paper presented at the Annual Convention of the Southeastern Psychological Association, New Orleans, 1976.
3. Murray, DM, and Lawler, JE. A KIM-1 microprocessor interface for aversive conditioning applications using multiple subjects. Paper presented at the 7th Annual Meeting of the National Conference on the Use of On-Line Computers in Psychology, Washington, DC, December, 1977.
4. Lawler, JE, and Murray, DM. A software program for the control of aversive conditioning schedules using the KIM-1 microprocessor. Paper presented at the 17th Annual Convention of the Society for Psychophysiological Research, Philadelphia, November, 1977.
5. Johnson, CA, Murray, DM Luepker, RV, and Pechacek, TF. Social psychological determinants of smoking in young adolescents. Paper presented at the Fourth World Conference on Smoking and

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- Health, Stockholm, Sweden, June, 1979.
6. Murray, DM, Johnson, CA, Luepker, RV, Pechacek, TF, Jacobs, DR, and Hurd, P. Social factors in the prevention of smoking in seventh grade students: A follow up experience of one year. Paper presented at the Annual Convention of the American Psychological Association, New York, September, 1979.
  7. Murray, DM, Luepker, RV, Johnson, CA, Pechacek, TF, and Jacobs, DR. Prevention of cigarette smoking in teenagers. Paper presented at the 52nd Annual Meeting of the American Heart Association, Anaheim, California, November, 1979.
  8. Murray, DM, and Johnson, CA. The Minnesota smoking prevention program. Paper presented at the 88th Annual Convention of the American Psychological Association, Montreal, September, 1980.
  9. Murray, DM. The Minnesota smoking prevention program: Findings and recommendations. Invited paper presented to the National Conference on Smoking Prevention and the Young, Winnipeg, October, 1980.
  10. Pirie, P, Jeffery R, Gerber, W, Rosenthal, B, and Murray, DM. Evaluation of a point-of-purchase nutrition promotion campaign. Paper presented at the Second Annual Meeting of the Society of Behavioral Medicine, Montreal, November, 1980.
  11. Luepker, RV, Murray, DM, Johnson, CA, and Pechacek, TF. Prevention of cigarette smoking in youth: Three years followup. Paper presented at the 54th Annual Meeting of the American Heart Association, November, 1981.
  12. Murray, DM, Mittelmark, MB, Pechacek, TF, and Luepker, RL. The prevalence of adolescent cigarette smoking: Is it declining? Paper presented at the 54th Annual Meeting of the American Heart Association, November, 1981.
  13. Hughes, JR, Jacobs, DR, Schucker, B, Chapman, DC, Murray, DM, and Johnson, CA. Nonverbal behavior of the Type A individual. Paper presented to the Annual Meeting of the American Association of Behavioral Therapists, Toronto, November, 1981.
  14. Murray, DM, and Perry, C. Issues in conducting school based smoking prevention programs. Paper presented to the Annual Meeting of the American Association of Behavioral Therapy, Toronto, November, 1981.
  15. Perry, C and Murray, DM. A conceptual model for health behavior development in adolescence. Paper presented at the Society of Behavioral Medicine Third Annual Meeting, Chicago, March, 1982.
  16. Perry, CL, and Murray, DM. Smoking and adolescents: Targeting programs for specific groups. Paper presented to the American Psychological Association in Washington, D.C., August, 1982.
  17. Pirie, P, Elias, W, Wackman, D, Jacobs, D, Murray, D, Mittelmark, M, Luepker, R, and Blackburn, H. Characteristics of participation in a community risk factor screening. Paper presented at the 55th Annual Meeting of the American Heart Association, November, 1982.
  18. Murray, DM, Luepker, RV, Johnson, CA, Pallonen, U, Baker, W, and Dunn, M. Prevention of cigarette smoking in children: Refining the model. Paper presented at the 55th Annual Meeting of the American Heart Association, November, 1982.
  19. Mittelmark, MB, Pechacek, TF, Murray, DM, and Luepker, RV. Validity of adolescent smoking data: current research in the laboratory of physiological hygiene. Paper presented at the Fifth World Conference on Smoking and Health, Winnipeg, Canada, July, 1983.
  20. Perry, CL and Murray, DM. Community-based smoking prevention: The Minnesota Heart Health Program. Paper presented at the Fifth World Conference on Smoking and Health, Winnipeg, Canada, July, 1983.
  21. Murray, DM, Luepker, RV, and Johnson, CA. Prevention of cigarette smoking in children: Results and recommendations. Paper presented at the Fifth World Conference on Smoking and Health, Winnipeg, Canada, July, 1983.
  22. Mittelmark, MB, Murray, DM, Luepker, RV, and Pechacek, TF. Adolescent smoking transition states over two years. Paper presented at the Annual Convention of the American Psychological Association, Anaheim, August, 1983.
  23. Pechacek, TF, Mittelmark, MB, Luepker, RV, Perry, C, Jeffery, RW, Pirie, P, Mullis, R, and Murray, D. University of Minnesota School of Public Health, Behavioral Medicine Training Programs. Paper presented at the Fifth Annual Meeting of the Society of Behavioral Medicine, Philadelphia, May, 1984.



24. Murray, DM and Perry, CL. The functional meaning of adolescent drug use. Poster session presented at the Annual Convention of the American Psychological Association, Toronto, August, 1984.
25. Murray, DM, Luepker, R, Pirie, P, Bloom, E, Grimm, R, and Davis, M. CHD risk factor screening and education: Behavior and risk factor change. Poster session presented at the Annual Convention of the American Psychological Association, Toronto, August, 1984.
26. Luepker, RV, Murray, DM, and Prineas, RJ. Primary prevention of hyper-tension in youth: a population approach. Invited paper presented at the US-USSR Joint Symposium on Arterial Hypertension, Moscow, USSR, October, 1984.
27. Murray, DM, Luepker, RV, Grimm, R, and Blackburn, H. Prevention and treatment of hypertension at a community level: The Minnesota Heart Health Program. Invited paper presented at the US-USSR Joint Symposium, October, 1984.
28. Luepker, RV, Murray, DM, Pirie, PL, Grimm, RH, Mittelmark, MB, and Pechacek, TF. Population screening and education for reduction of cardiovascular disease risk. Paper presented at the 57th Annual Meeting of the American Heart Association, November, 1984.
29. Murray, DM and Perry, CL. The functional meaning of adolescent drug use. Paper presented at the Society of Behavioral Medicine Sixth Annual Meeting, New Orleans, March, 1985.
30. Luepker, RV, Murray, DM, Grimm, RH, Mittelmark, MB, Pechacek, TF., and Blackburn, H. Population screening and education for reduction of cardiovascular disease risk. Paper presented at the International Conference of Preventive Cardiology, Moscow, USSR, June, 1985.
31. Perry, CL, Klepp, KI, Halper, A, Hawkins, K, and Murray, DM. Peer leaders in health education: A process evaluation study. Paper presented at the American Public Health Association Annual Meeting, Washington, D.C., November, 1985.
32. Luepker, RV, Murray, D, Mittelmark M, Grimm, R, Pechacek, T, Pirie, P, and Blackburn, H. Systematic population risk factor screening and education: A community approach to CHD prevention. Paper presented at the 26th Annual Conference on Cardiovascular Disease Epidemiology, San Francisco, California, March, 1986.
33. Pechacek, TF, Sillers, C, Blake, SM, Murray, DM, and Loken, B. Relapse among self-help quitters. Poster session presented at the Society of Behavioral Medicine Seventh Annual Meeting, San Francisco, March, 1986.
34. Perry, CL, Murray, DM, and Klepp, KI. Predictors of adolescent smoking and implications for prevention. Paper presented at the Society of Behavioral Medicine Seventh Annual Meeting, San Francisco, California, March, 1986.
35. Roche, L, Murray, DM, and Perry, CL. Smokeless tobacco use among adolescents--possible health consequences and descriptive epidemiology. Paper presented at the Minnesota Public Health Association Annual Meeting, St. Paul, Minnesota, April, 1986.
36. Murray, DM. Community-based health promotion: Lessons from the Minnesota Heart Health Program. Paper presented at the Dynamics for Social Change: Implications for Safety, Edmonton, Alberta, Canada, July, 1986.
37. Pechacek, TF, Sillers, C, Glasgow, RE, Murray, DM, Blake, SM, Mittelmark, MB, Loken, B, and Luepker, RV. Effect of social support on gender differences in smoking cessation. Paper presented at the Annual Convention of the American Psychological Association, Washington, D.C., August, 1986.
38. Råstam, L, Luepker RV, Mittelmark, MB, Murray, DM, Slater, JS, and Blackburn, H. Screening for hypercholesterolemia: The Minnesota Heart Health Program. Paper presented at the 27th Annual Conference on Cardiovascular Disease Epidemiology, Charleston, South Carolina, March, 1987.
39. Råstam, L, Luepker, RV, Mittelmark, MB, Murray, DM, Pirie, PL, and Blackburn, H. Followup of hypercholesterolemia by patients and their physicians. Paper presented at the 27th Annual Conference on Cardiovascular Disease Epidemiology, Charleston, South Carolina, March, 1987.
40. Leon, GR, Finn, SE, Bailey, JM, and Murray, DM. The inability to predict cardiovascular disease from MMPI special scales related to type A patterns. Paper presented at the Annual Meeting of the American Psychosomatic Society, Philadelphia, Pennsylvania, March, 1987.
41. Kurth, CL, Murray, DM, Finnegan, JR, Pirie, PL, Admire, JB, and Luepker, RV. Direct mail as a prompt for follow-up care among persons at risk for hypertension. Paper presented at the National

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- Conference on High Blood Pressure Control, Las Vegas, Nevada, April, 1987.
42. Luepker, RV, Murray, DM, Pallonen, U, and Pirie, P. Validation of telephone interview techniques for smoking surveys. Paper presented at the 28th Annual Conference on Cardiovascular Disease Epidemiology, Santa Fe, New Mexico, March, 1988.
  43. Hearn, M, Murray, DM, and Luepker, RV. Hostility, coronary heart disease, and total mortality: A 33-year follow-up study of university students. Paper presented at the 9th Annual Scientific Session of the Society of Behavioral Medicine, Boston, Massachusetts, April, 1988.
  44. Råstam, L, Hannan, PJ, Luepker, RV, Mittelmark, MB, Murray, DM, and Slater, JS. Seasonal variation in plasma cholesterol distributions: Implications for screening and referral. Paper presented at the National Cholesterol Conference. Washington, D.C., November, 1988.
  45. Slater, JS, Mittelmark, MB, Murray, DM, Luepker, RV, Pirie, PL, Råstam, L, and Blackburn, H. The effect of cholesterol measurement and feedback on total serum cholesterol levels in a coronary heart disease risk factor screening and education program. Paper presented at the National Cholesterol Conference, Arlington, Virginia, November, 1988.
  46. Murray, DM, Alexandrov, AA, Isacova, GL, Sestacova, LA, and Luepker, RV. Distributions and correlates of blood pressure in childhood in Moscow and Minneapolis. Paper presented at the 2nd International Conference on Preventive Cardiology, Washington, D.C., June, 1989.
  47. Murray, DM. A community based approach to the prevention of coronary heart disease: The Minnesota Heart Health Program. Paper presented at the American Association of Behavioral Therapy, Washington D.C., November, 1989.
  48. Luepker, RL, Murray, DM, Mittelmark, MB, Pirie, P, and Blackburn, H. Population- based screening and education for reduction of cardiovascular disease risk: Experience of the Minnesota Heart Health Program. Abstract presented at the XIth World Congress of Cardiology, Manila, Philippines, February, 1990.
  49. Rooney, BL, Murray, DM, Perry, CL Schmid, L, Jacobs, DR, Griffin, G, Harty, KC, and Pallonen, U. Minnesota-Wisconsin adolescent tobacco-use research project I: Results from the four-group comparison study. Paper presented at the Society of Behavioral Medicine Eleventh Annual Scientific Session, Chicago, Illinois, April, 1990.
  50. Naughton, M, Murray, DM, and Perry, CL. The functional meaning of adolescent cigarette, alcohol, and marijuana use. Paper presented at the Society of Behavioral Medicine Eleventh Annual Scientific Session, Chicago, Illinois, April, 1990.
  51. Hearn, MD, Davison, ML, and Murray, DM. Thirty-two year stability of the MMPI Cook-Medley hostility scale in university students. Paper presented at the Society of Behavioral Medicine Eleventh Annual Scientific Session, Chicago, Illinois, April, 1990.
  52. Jacobs, DR, Hannan, P, McGovern, P, and Murray, DM. Statistical issues in the Minnesota Heart Health Program. Paper presented at the Joint Statistical Meeting, Anaheim, California, August, 1990.
  53. Hearn, MD, Prokhorov, AV, Murray, DM, Alexandrov, AA, and Luepker, RV. Comparison of smoking prevalence in adolescents sampled from the United States of America and Union of Soviet Socialist Republics. Paper presented at the Society of Behavioral Medicine Twelfth Annual Scientific Session, Washington, D.C., March, 1991.
  54. Mittelmark, M, Luepker, R, Slater, J, Pirie, P, Murray, D, Råstam, L, and Blackburn, H. Cholesterol levels in older adults. Paper presented at the American Geriatrics Society 12th Annual Meeting of the American Federation for Aging Research, Chicago, Illinois, May, 1991.
  55. Murray, DM. Evaluating prevention programs. Paper presented at the Minnesota Chapter of the American Evaluation Association Meeting, St. Paul, Minnesota, December, 1991.
  56. Murray, DM. Lessons learned from the NHLBI sponsored community-based cardiovascular disease prevention studies. Paper presented at the Medicine for the 21st Century program presented by the American Medical Association, Palm Springs, California, February, 1992.
  57. Murray, DM, Hannan, P, Jacobs, D, McGovern, PJ, Schmid, L, Baker, WL, and Gray, C. Assessing intervention effects in the Minnesota Heart Health Program. Paper presented at the Design and Analysis Issues in Community Trials Workshop, Bethesda, Maryland, March, 1992.
  58. Luepker, R, Jacobs, D, Murray, D, Pirie, P, Jeffery, R, Perry, C, Sprafka, M, Finnegan, J, Bracht, N, Lando, H, Folsom, A, Mittelmark, M, Pechacek, T, Mullis, R, and Blackburn, H. Risk factor results

- from the Minnesota Heart Health Program (MHHP). Paper presented at the Society for Epidemiologic Research, Minneapolis, Minnesota, June, 1992.
59. Murray, DM, Hannan, P, Jacobs, D, McGovern, PJ, Schmid, L, Baker, WL, and Gray, C. Assessing intervention effects in the Minnesota Heart Health Program. Paper presented at the Society for Epidemiologic Research, Minneapolis, Minnesota, June, 1992.
  60. Murray, DM. Analytic issues in community based drug use prevention studies. Paper presented at the American Evaluation Association, Seattle, Washington, November, 1992.
  61. Wagenaar, A, Bracht, N Boyte, H, Finnegan, J, Forster, J, Heberle, J, Jones, R, Klepp, K-I, Michels, P, Murray, DM, Perry, C, and Wolfson, M. Communities mobilizing for change on alcohol: A randomized community trial. Paper presented at the APHA 120th Annual Meeting in Washington, D.C., November, 1992.
  62. Rooney, BL, and Murray, DM. A meta-analysis of smoking prevention programs after adjustment for the unit of analysis problem. Paper presented at the Society of Behavioral Medicine, San Francisco, March, 1993.
  63. Murray, DM. Design and analysis of community trials. Paper presented at the 33rd Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Santa Fe, New Mexico. March, 1993.
  64. Prokhorov, AV, and Murray, DM. Exposure to tobacco messages in the mass media and smoking-related beliefs: Five-year results of the Minnesota-Wisconsin Adolescent Tobacco-Use Research Project. Paper presented at the Third International Conference on Preventive Cardiology in Oslo, Norway, June, 1993.
  65. Luepker, RV, Murray, DM, Jacobs, DR, Pirie, PL, Jeffery, RW, Perry, CL, Sprafka, M, Finnegan, JR, Bracht, NF, Lando, H, Folsom, AR, Mittelmark, MB, Pechacek, TF, Mullis, RM, and Blackburn, H. Results from the Minnesota Heart Health Program. Paper presented at the Third International Conference on Preventive Cardiology in Oslo, Norway, June, 1993.
  66. Murray, DM, Hannan, PJ, Jacobs, DR, and McGovern, PJ. Assessing intervention effects in the Minnesota Heart Health Program. Paper presented at the Third International Conference on Preventive Cardiology in Oslo, Norway, June, 1993.
  67. Lando, HL, Murray, DM, Pechacek, TF, and Mittelmark, MB. Smoking cessation outcomes in the Minnesota Heart Health Program. Paper presented at the Third International Conference on Preventive Cardiology in Oslo, Norway, June, 1993.
  68. Wagenaar, A, Wolfson, M, Forster, J, and Murray, DM. Commercial alcohol outlets and underage drinking: Sales and enforcement practices. Paper presented at the 37th International Congress on Alcoholism, August, 1993.
  69. Wagenaar, A, Wolfson, M, Forster, J, and Murray, DM. Commercial alcohol outlets and underage drinking: Sales and enforcement practices. Paper presented at the 121st Annual Meeting of the American Public Health Association in San Francisco, October, 1993.
  70. Elliott, TE, Belgrade, MJ, Johnson, KM, Murray, DM, and Oken, MM. Minnesota Cancer Pain Demonstration Project (MCPDP): Progress report on interventions and methodologies. Paper presented at the Annual Meeting of the American Pain Society in Orlando, Florida, November, 1993.
  71. Murray, DM. Design and analysis issues in community trials. Paper presented at the Institute for Health Promotion and Disease Prevention Research conference on Tobacco, Alcohol and Other Drug Abuse Prevention: Research Directions and Program Policy Implications at the University of Southern California, Irvine, January, 1994.
  72. Råstam, L, Hannan, PJ, Jacobs, DR, Luepker, RV, Murray, DM, Sprafka, JM, and Blackburn, H. Population and physician behavior and blood pressure trends - the Minnesota Heart Health Program (MHHP). Paper presented at the 34th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Tampa, Florida, March, 1994.
  73. Feldman, HA, Winkleby, MA, and Murray, DM. Cross-sectional synthesis of effects of three U.S. community-based intervention trials for reduction. Paper presented at the International Workshop on Cardiovascular Diseases: Prevention and Epidemiology, Federal Ministry of Research and Technology, Wildbad Kreuth/Bavaria, Germany, October, 1994.
  74. Murray, DM. Design and analysis of community trials: Lessons from the Minnesota Heart Health Program. Paper presented at the International Workshop on Cardiovascular Diseases: Prevention

- and Epidemiology, Federal Ministry of Research and Technology, Wildbad Kreuth/Bavaria, Germany, October, 1994.
75. Bishop, D, Taylor, G, Slater, J, Minnesota Department of Health, Perry, C, Murray, D, Elmer, P, Story, M, and Lytle, L. Lunch Power Plus: 5-A-Day in St. Paul, Minnesota elementary schools. Paper presented at the 16th Annual Meeting of the Society for Behavioral Medicine, San Diego, California, March, 1995.
  76. Feldman, HA, Winkleby, M A, and Murray, DM. Joint analysis of cross-sectional trends in three community intervention trials for cardiovascular risk reduction. Paper presented at the AHA Epidemiology Council, March, 1995.
  77. Råstam, L, Luepker, RV, Hannan, PJ, Murray, DM, Gray, C, Baker, WL, Crow, R, Jacobs, DR, Pirie, PL, Mascioli, SR, Mittelmark, MB, and Blackburn, H. Community education for cardiovascular disease prevention: Morbidity and mortality results of the Minnesota Heart Health Program. Paper presented at the AHA Epidemiology Council, San Antonio, Texas, March, 1995.
  78. Forster, J, Wolfson, M, Claxton, A, and Murray, DM. Perceived tobacco availability and minors' purchase success in fourteen Minnesota cities. Paper presented at the APHA, San Diego, California, October, 1995.
  79. Braun, B L, Murray, DM, Wagenaar, AC, Schumaker JE, and Jones-Webb, RJ. Predictors of change in cocaine use in young adults. Paper presented at the APHA, San Diego, California, October, 1995.
  80. Taylor, G, Bishop, D, Mays, R, Hann, B, McComas, K, Perry, C, Murray, D, Baker, W, Dudovitz, B, Eldridge, A, Elmer, P, Heberle, J, Lytle, L, Story, M, Smith, S, Smyth, M, and Snyder, MP. Preventing disease through nutrition education programs: 5–A-Day in St. Paul, Minnesota schools. Paper presented at the 13th Biennial Great Lakes Regional Conference: Prevention Strategies for Cardiovascular Diseases at the Mayo Clinic in Rochester, Minnesota, October 18-20, 1995.
  81. Bishop, D, Perry, C, Taylor, G, Murray, D, Mays, R, Elmer, P, Story, M, and Lytle, L. 5–A-Day: A health department, university, and public school partnership to change fruit and vegetable consumption patterns in urban elementary schools. Presented at the Tenth National Conference on Chronic Disease Prevention conducted by the Centers for Disease Control in Atlanta, Georgia, December 6-8, 1995.
  82. Helitzer-Allen, D, Gittelsohn, J, Going, S, Murray, D, and Steckler, A. Process evaluation in Pathways, a multi-site primary prevention study. Paper presented at Experimental Biology '96, Washington, D.C., April 14-17, 1996.
  83. Feldman, H, Proschan, M, Murray, D, Goff, D, Stylianou, Dulberg, E, McGovern, P Chan, W, Mann, C, and Bittner, V. REACT: Design challenges of a multi-site community trial with continual data collection. Paper presented at the Annual Meeting of the Society for Epidemiologic Research, Boston, Massachusetts, June 12-15, 1996.
  84. Howard, J, Denniston, R, Murray, DM, Toomey, T, Jones-Webb, R, Holder, H, Saltz, R, and Voas, B. Community organizing, public policy and the prevention of alcohol problems. Outcome results from two 5-year NIAAA- and CSAP-funded prevention trials. Paper presented at Research Society on Alcohol Meetings, Washington, D.C., June 22-27, 1996.
  85. Hunsberger, S, Davis, E, Murray, DM, Fabsitz, R. Imputation strategies for missing data in a school-based multicenter study of American Indian children. Paper presented at the Annual Meeting of the American Statistical Association, Chicago, Illinois, August 4-8, 1996.
  86. Murray, DM. Design and analysis of community trials. Paper presented at the NHLBI Conference: Community Trials for Cardiopulmonary Health--Directions for Public Health Practice, Policy and Research, Bethesda, Maryland, September 25-26, 1996.
  87. Warren-Mays, RA, Story, M, Taylor, G, Snyder, MP, McComas, K, Hann, BA, Perry, C, Bishop, D, and Murray, DM. Process evaluation measures used to assess a multi-component dietary intervention: 5-A-Day in Minnesota elementary schools. Paper presented at the Annual Meeting of the American Dietetics Association, San Antonio, Texas, October 1996.
  88. Taylor, G, Bishop, D, Perry, CL, Mays, R, and Murray, DM. 5-A-Day Power Plus: A school-based intervention. Presentation of baseline data at the Annual Meeting of the American Public Health Association, New York, November 1996.
  89. Eldridge, AL, Smith-Warner, SA, Lytle, LA, Murray, D, Himes, J. Comparison of methods to count

- fruit and vegetable servings in 5-A-Day dietary data. Paper presented at Experimental Biology '97, New Orleans, LA, April 6-9, 1997.
90. Bishop, D, Taylor, G, Mays, R, Perry, C, Murray, D, Dudovitz, B, Smyth, M, Story, M, Lytle, L, Elmer, P, Eldridge, A. Fruit, but not vegetables: Impact of the 5-A-Day Lunch Power Plus Program. Poster session presented at the Society of Behavioral Medicine's Annual Scientific Sessions, San Francisco, April 16-19, 1997.
  91. French, SA, Story, M, Jeffery, RW, Snyder, MP, Eisenberg, M, Sidebottom, A, Murray, DM. Pricing strategy to promote fruit and vegetable purchase in high school cafeterias. Poster presented at the Society of Behavioral Medicine's Annual Scientific Sessions, San Francisco, April 16-19, 1997.
  92. Feldman, HA, Proschan, MA, Murray, DM, Goff, DC, Stylianou, M, Dulberg, E, McGovern, PG, Chan, W, Mann, NC, Bittner, V. REACT: Statistical challenges of a multi-site community trial with continual data collection. Paper presented at the 4th International Conference on Preventive Cardiology, Montreal, Quebec, June 29-July 3, 1997.
  93. Wagenaar, AC, Murray, DM, Gehan, JP, Wolfson, M, Forster, J, Toomey, TL, Perry, CA, and Jones-Webb, R. Communities mobilizing for change on alcohol: Initial outcomes from a randomized trial. Paper presented at the 14th International Conference on Alcohol, Drugs and Traffic Safety, Annecy, France, September 1997.
  94. Forster, J, Murray, D, Wolfson, M, Blaine, T, and Wagenaar, A. The effects of community policies to reduce youth access to tobacco. Paper presented at the 125th APHA Annual Meeting, Indianapolis, Indiana, November 9-13, 1997.
  95. Sherwood, NE, Jeffery, RW, French, SA, Hannan, PJ, Murray, DM. Predictors of weight gain in the Pound of Prevention study. Poster presented at the North American Association for the Study of Obesity Conference, Cancun, Mexico, November 9-13, 1997.
  96. Wagenaar, AC, Gehan, JP, Jones-Webb, R, Wolfson, M, Toomey, TL, Forster, JL, Murray, DM. Communities mobilizing for change on alcohol: Experiences and outcomes from a randomized community trial. Paper presented at the 1998 Kettil Bruun Society Thematic Meeting: Fourth Symposium on Community Action Research and the Prevention of Alcohol and Other Drug Problems, Russell, Bay of Islands, New Zealand, February 8-13, 1998.
  97. Stevens, J, Story, M, Becenti, A, French, S, Gittelsohn, J, Going, S, Juhaeri, Levin, S, Murray, D. Weight concerns, body size perceptions and weight reduction attempts in fourth grade American Indian children. Paper presented at the 8th International Congress on Obesity, Paris, France, August 29-September 3, 1998.
  98. Taylor, G, Gray, C, Bishop, D, Perry, C, Mays, R, Murray, D. 5 A Day Power Plus: Effects of ethnicity, income and gender on fruit and vegetable consumption. Paper presented at the 126th APHA Annual Meeting, Washington, D.C., November 15-19, 1998.
  99. Bishop, D., Gray, C., Taylor, G., Perry, C., Mays, R., Murray, D. Do we really know what makes kids eat fruits and vegetables? Paper presented at the 126th APHA Annual Meeting, Washington, D.C., November 15-19, 1998.
  100. Lazovich, D., Ireland, M., Pessoa-Brandao, L., Murray, D., Brosseau, L., Parker, D. Sample size considerations for small business intervention trials. Paper presented at the 126th APHA Annual Meeting, Washington, D.C., November 15-19, 1998.
  101. French, S., Jeffery, R., Murray, D. Duration of use of specific weight control strategies is associated with weight control in a community-based sample of US adults over four years. Poster presented at the Society of Behavioral Medicine's Annual Scientific Sessions, San Diego, California, March 3-6, 1999.
  102. Boutelle, K., Jeffery, R., Murray, D., and Schmitz, L. The use of music and artwork to promote daily physical activity. Paper presented at the Society of Behavioral Medicine, San Diego, California, March 3-6, 1999.
  103. Scarinci, I., Slawson, D., Watson, J., Klesges, R., Murray, D. Socioeconomic status and health care access among young and healthy females: The relationship between race, education, occupation, income, and median household income within zip codes. Paper presented at the New York Academy of Sciences Conference, Socioeconomic Status and Health in Industrial Nations: Social, Psychological and Biological Pathways, Bethesda, Maryland, May 11-12, 1999.
  104. Boutelle, K., Lytle, L., Murray, D., Story, M., Birnbaum, A. The influence of mealtime environment on

- dietary intake in adults and adolescents. Poster presented at the 127th APHA Annual Meeting, Chicago, Illinois, November, 1999.
105. Birnbaum, A, Lytle, LA, Murray, DM. Development of a survey instrument to assess predictors of eating patterns of teens. Paper presented at the 127th APHA Annual Meeting, Chicago, Illinois, November, 1999.
106. Lytle, LA, Birnbaum, AS, Boutelle, KN, Murray, DM. The parental energy index: Salience of health messages for families of adolescents. Poster presented at the 127th APHA Annual Meeting, Chicago, Illinois, November, 1999.
107. Phillips, GA, Murray, DM, Birnbaum, AS, Lytle, LA. Intraclass correlation for measures from a school-based nutrition intervention study: Estimates, correlates and applications. Paper presented at the 21st Annual Meeting of the Society of Behavioral Medicine, Nashville, Tennessee, April 5-8, 2000.
108. Kubik, M, Lytle, LA, Murray, DM, Birnbaum, AS. Correlates of depressive symptomatology in young adolescents. Paper presented at the 21st Annual Meeting of the Society of Behavioral Medicine, Nashville, Tennessee, April 5-8, 2000.
109. Murray, DM, Blitstein, JL. The effect of regression adjustment for covariates and of modeling time in the analysis on the magnitude of intraclass correlation in group-randomized trials: A synthesis of published and unpublished data. Paper presented at the 8th Annual Conference for the Society for Prevention Research in Montreal, Canada, June 1 – 3, 2000.
110. Birnbaum, AS, Lytle, LA, Kubik, M, Story, M, Murray, DM. Interim results from a school-based study to increase teens' fruit and vegetable intake. Paper presented at the Society for Nutrition Education Annual Meeting, Charleston, South Carolina, July 24, 2000.
111. Clark, MH, Murray, DM, Wagenaar, AC. Intraclass correlations from a community-based alcohol prevention study. Paper presented at the 2000 APA Annual Convention, Washington, D.C., August 4, 2000.
112. Eisen, M, Zellman, GL, Murray, DM. Immediate posttest outcomes of the "Skills for Adolescence" drug prevention program. Poster presented at the Addictions 2000 Conference, Cape Cod, Massachusetts, September 22-24, 2000.
113. Scarinci, IC, Slawson, DL, Watson, JM, Klesges, RC, Murray, DM. Socioeconomic status, ethnicity, and health care access among young and health women. Paper presented at the 128th Annual APHA Meeting in Boston, Massachusetts, November 12-16, 2000.
114. Birnbaum, AS, Lytle, LA, Murray, DM, Kubik, M, Perry, CL. Correlates of fighting and violent behavior in young adolescents. Poster presented at the 128th Annual APHA Meeting in Boston, Massachusetts, November 12-16, 2000.
115. Hartman, AM, Graubard, B, Gilpin, E, Stillman, FA, Murray, DM, Gibson, JT. Messing around with methodology: The analytical challenges of tobacco control research. Paper presented at the 128th Annual APHA Meeting in Boston, Massachusetts, November 12-16, 2000.
116. Watson, JM, Klesges, RC, Scarinci, IC, Murray, DM, Vander Weg, MW, DeBon, M, Eck-Clemens, LH, Slawson, DL, McClanahan, B. The relationships between smoking status, ethnicity, socioeconomic status and lifestyle variables in a biracial sample of women. Paper presented at the 22nd Annual Meeting of the Society for Behavioral Medicine, Seattle, Washington, March 21-24, 2001.
117. Blitstein, JL, Robinson, LA, Murray, DM, Klesges, RC. Predictors of rapid progression to regular cigarette smoking among adolescents: A case-control study. Poster presented at the Seventh Annual Scientific Sessions of the Society for Research on Nicotine and Tobacco in Seattle, Washington, March 23-25, 2001.
118. Stevens, J, Story, M, Ring, K, Gittelsohn, J, Going, S, Cornell, C, Juhaeri, J, Marquez, M, Murray, DM. The impact of the Pathways intervention on obesity-related knowledge, attitudes and behaviors in American Indian school children. Paper presented at Experimental Biology 2001 in Orlando, Florida, April 3, 2001.
119. Murray, DM. Design and analysis of cluster or group-randomization trials. Preconference workshop presented at the 9th Annual Meeting of the Society for Prevention Research in Washington, D.C., May 31-June 2, 2001.
120. Varnell, SP, Murray, DM, Baker, WL. An evaluation of analysis options for the one group per

- condition design: Can any of the alternatives overcome the problems inherent in this design? Paper presented at the 9th Annual Meeting of the Society for Prevention Research in Washington, D.C., May 31-June 2, 2001.
121. Varnell, SP, Murray, DM. Group-randomized trials 1995 to 2000: A progress report on design and analysis. Poster presented at the 9th Annual Meeting of the Society for Prevention Research in Washington, D.C., May 31-June 2, 2001.
  122. Birnbaum, AS, Lytle, LA, Perry, CL, Story, M, Murray, DM. Rationale and development of a school function index for middle schools. Paper presented at the 129th Annual Meeting of APHA in Atlanta, Georgia, October 21-25, 2001.
  123. Birnbaum, AS, Lytle, LA, Story, M, Murray, DM, Perry, CL, Kubik, MY, Snyder, P. What are they eating now? Student and family outcomes from TEENS. Paper presented at the 129th Annual Meeting of APHA in Atlanta, Georgia, October 21-25, 2001.
  124. Story, M, Lytle, LA, Perry, CL, Murray, DM, Birnbaum, AS, Kubik, MY, Snyder, P. What is TEENS? The rationale, design and conceptual framework for a middle school-based nutrition intervention study. Paper presented at the 129th Annual Meeting of APHA in Atlanta, Georgia, October 21-25, 2001.
  125. Hartman, A, Graubard, B, Stillman, F, Gilpin, B, Murray, D, Gibson, J. Meeting the challenges of tobacco control evaluation: Initial findings from ASSIST. Paper presented at the 129th Annual Meeting of APHA in Atlanta, Georgia, October 21-25, 2001.
  126. Varnell, SP, Murray, DM, Hannan, PJ, Baker, WL. Intra-class correlation at the level of the unit of intervention in a randomized clinical trial: Implications for analysis. Paper presented at the 16th Annual Meeting of the American Evaluation Association in St. Louis, Missouri November 7-10, 2001.
  127. Blitstein, JL, Riedel, BW, Murray, DM, Robinson, LA, Klesges, RC. Reliability of reports of initial reactions to smoking episodes. Poster presented at Eighth Annual Meeting of the Society for Research on Nicotine and Tobacco in Savannah, Georgia, February 20-23, 2002.
  128. Robinson, LA, Murray, DM, Klesges, RC, Zbikowski, SM, Alfano, CM, & Blitstein, J. Ethnic differences in the long-term prediction of cigarette smoking onset. Paper presented at the Twenty-Third Annual Scientific Meeting of the Society of Behavioral Medicine, Washington, D.C. April, 2002.
  129. Janega, JB, Murray, DM, Varnell, SP, Lytle, LA, and Birnbaum, AS. A Comparison of Four Analytic Models Applicable to Data From a Nested Cohort Design. Poster presented at the 10th Annual Meeting of the Society for Prevention Research, Seattle, Washington, May 30-June 1, 2002.
  130. Varnell, SP, Murray, DM, Hannan, PJ, Baker, WL. Individuals randomized to receive treatment in groups: implications for analysis. Paper presented at the 10th Annual Meeting of the Society for Prevention Research, Seattle, Washington, May 30-June 1, 2002.
  131. Phillips, GA, Shadish, WR, Murray, DM, Kubik, M, Lytle, LA, Birnbaum AS. Confirmatory Factor Analysis of CES-D implementing a general hierarchical model. Poster presented at the Annual Meeting of APA in Chicago, Illinois, August, 2002.
  132. Murray, DM. Addressing likely research questions: Suggestions for design and analysis. Invited address to the First National Tobacco Monitoring, Research, and Evaluation Workshop held November 4-6, 2002 in Bethesda, Maryland.
  133. Eisen, MB, Zellman, GL, Murray, DM. Evaluating a life skills education program: 2-year outcomes. Paper presented at the 130th Annual Meeting of APHA to be held in Philadelphia, Pennsylvania November 9-13, 2002.
  134. Murray, DM. Practical Applications to Meet the Challenges of Evaluation. Paper presented at the 2002 National Conference on Tobacco or Health in San Francisco, California November 19-21, 2002.
  135. Blitstein, JT, Robinson, LA, Murray, DM. Predictors of rapid progression to regular smoking among adolescents: Interactions with gender and ethnicity. Paper presented at the 9th Annual Meeting of The Society for Research on Nicotine and Tobacco in New Orleans, Louisiana February 19-23, 2003.
  136. Alfano, CM, Klesges, RC, Murray, DM, Vander Weg, MW, Robinson, LA, Bowen, DJ, Thornquist, MD, Cartmel, B, Goodman, GE, Omenn, GS. Physical activity in relation to all-site and lung cancer incidence and mortality among current and former smokers. Paper presented at the 24<sup>th</sup> annual meeting of the Society of Behavioral Medicine in Salt Lake City, Utah March 19-22, 2003.
  137. Blitstein, JT, Murray, DM, Lytle, LA, Birnbaum, AS, Perry, CL. Differences and similarities in the predictors of violent behavior among early adolescent boys and girls. Poster presented at the 11th

- Annual Meeting of the Society for Prevention Research, Washington, D.C., June 12-14, 2003.
138. Klesges, LM, Baranowski, T, Cullen, K, Beech, B, Murray, DM, and Pratt, C. Social desirability bias in self-reported dietary, physical activity and weight concerns measures in 8-10 year-old African-American girls: Results from GEMS. Paper presented at the Second Conference of the International Society for Behavioral Nutrition and Physical Activity, Quebec City, Canada July 17-20, 2003.
  139. Murray, DM, Catellier, DJ, Hannan, PJ, Trueth, M, Stevens, J, Schmitz, K, Rice, JC, Conway, T, Stewart, DD. School-level intraclass correlation for physical activity in adolescent girls: Estimates and applications. Poster presented at the Conference of the North American Association for the Study of Obesity, Ft. Lauderdale, Florida October 11-15, 2003.
  140. Treuth, MS, Schmitz, KH, Catellier, DJ, McMurray, RG, Murray, DM, Aleida, JM, Stewart, D, Going, S, Norman, J, Pate, RR.. Defining accelerometer thresholds for physical activity intensities in adolescent girls. Paper presented at the Conference of the North American Association for the Study of Obesity, Ft. Lauderdale, Florida October 11-15, 2003.
  141. Catellier, DJ, Murray, DM, Hannan, P J, Norman, J, Rice, JC, Addy, Cheryl, Conway, TL. Comparison of imputation strategies for estimating physical activity in the presence of missing data. Paper presented at the Conference of the North American Association for the Study of Obesity, Ft. Lauderdale, Florida October 11-15, 2003.
  142. Lloyd, K, Cooper, L, Mitchell, P Bittner, V, Goldberg, R, Zapka, J, Labarthe, D, Luepker, R, Mann, C, Murray, DM, Osganian, S, Pandey, D. Factors associated with myocardial infarction education in acute CVD patients: The Rapid Early Action for Coronary Treatment (REACT) Trial. Poster presented at the 44<sup>th</sup> Annual AHA Conference on Cardiovascular Disease Epidemiology and Prevention in San Francisco, California March 3-6, 2004.
  143. Blitstein, JT, Murray, DM, Hannon, P, Shadish W. A method for increasing the efficiency of group randomized trials. Paper presented at the 12<sup>th</sup> Annual Meeting of the Society for Prevention Research in Quebec City, Quebec, Canada May 26-28, 2004.
  144. Murray, DM, Van Horn, V, Hawkins, JD, Arthur, M. Analysis strategies for a community trial to reduce adolescent ATOD use. Paper presented at the 13<sup>th</sup> Annual Meeting of the Society for Prevention Research in Washington, D.C. May 25-27, 2005.
  145. Stevens, J, Murray, DM, Catellier, DJ, Hannan, PJ, Elder, JP, Young, DR, Simons-Morton, DG, Webber, LS. Design and analysis plans for the Trial of Activity in Adolescent Girls (TAAG). Paper presented at the meeting of the International Society for Behavioral Nutrition and Physical Activity in Amsterdam, Holland June, 2005.
  146. Egan, B, Murray, DM, Abbott, R, Hawkins, JD. The application of permutation tests to a group randomized trial. Paper presented at the 14<sup>th</sup> Annual Meeting of the Society for Prevention Research in San Antonio, Texas May 2006.
  147. Beech, BM, Kent, AE, Christy, JE, Murray, DM, Scarinci, I. Workforce education to cease addiction to nicotine (WE CAN): a pilot intervention to elicit smoking cut down and cessation among low-income African-American men. Poster presented at the APHA 134<sup>th</sup> Annual Meeting in Boston, Massachusetts November 4-8, 2006.
  148. Freund, K, Battaglia, T, Plungas, G, Clark, J, Lash, T, Darnell, J, Fairclough, D, Murray, DM, Ramsey, KL, Fiscella, K, Griggs, J, Dudley, D, Bahadur, A, Williams, C. Measuring Patient Navigation. Paper presented at the APHA 134<sup>th</sup> Annual Meeting in Boston, Massachusetts November 4-8, 2006.
  149. Steinman, KJ, Murray, DM, Kubeka, A, Cooksey, E, Price-Spratlen, T, Edwards, K, Myers, LJ. Congregational Differences in Adolescent Religiosity and Positive Youth Development: Findings from 14 African-American Churches. Presented at the Annual Meeting of the Society for the Scientific Study of Religion, Portland, Oregon, October, 2006.
  150. Paskett ED, Post D, Katz ML, Murray D, Alfano C, Thomas A, vanPutten J, Tatum C, DeGraffinreid C, Lehman J. Ohio Patient Navigator Research Program (OPNRP). Presented at the American Cancer Society's Bridging the Health Care Divide: Research and Programs to Eliminate Cancer Disparities, New Orleans, LA, April 18-20, 2007.
  151. Beech B, Lytle L, Murray D, Buscemi J. Preventing Pediatric Obesity in Dental Settings. Presented at The Obesity Society 2007 Annual Scientific Meeting, New Orleans, LA, October 23, 2007.
  152. Klesges RC, Oberzanek E, Klesges L, Beech B, Kumanyika S, McClanahan B, Stockton M, Lanctot



- J, Relyea G, Murray D, Slawson D, Mittleman D. The Memphis Girls health Enrichment Multisite Studies (GEMS): An Evaluation of the Long Term Efficacy of A Weight Gain Prevention Intervention in African American Girls. Presented at American Heart Association Scientific Sessions, Orlando, Florida, November 7, 2007.
153. Anderson SE, Stevens J, Jobe J, Elder J, Murray DM, Saksvig B, Lytle L, Johnson CC. Race/Ethnicity Differences in Association of Obesity and Depressive Symptoms in Middle School Girls Assessed in 6<sup>th</sup> and 8<sup>th</sup> grade. Presented at The Obesity Society 2008 Annual Scientific Meeting, Phoenix, AZ, October 3-7, 2008.
154. Zapka, J, Anhang, R, Murray, DM, Paskett, ED, Breslau, E, Taplin, S. Multilevel intervention strategies to improve the cancer screening process: concepts, designs, and measures. Presented at the 30<sup>th</sup> Annual Meeting of the Society for Behavioral Medicine in Montreal, April 22-25, 2009.
155. Murray, DM, Pennell, M, Rhoda, D, Hade, E, Paskett, ED. Evaluation of multi-level intervention studies in cancer screening. Presented at the 30<sup>th</sup> Annual Meeting of the Society for Behavioral Medicine in Montreal, April 22-25, 2009.
156. Murray, DM. Design and analysis of group-randomization trials. Preconference workshop presented at the 30<sup>th</sup> Annual Meeting of the Society for Clinical Trials in Atlanta, GA, May 3-6, 2009.
157. Fu, D, Murray, DM, Wong, SP. Comparison study of general linear mixed model and permutation tests in group-randomized trials under non-normal error distributions. Presented at The 2009 Joint Statistical Meetings in Washington DC, August 1-6, 2009.
158. Murray, DM. Randomized designs. Invited paper presented at the NCI conference on Multi-level Interventions Across the Cancer Care Continuum, Bethesda, MD, June 19, 2009.
159. Murray, DM. Model versus randomization-based inference from group-randomized trials. Presented at The 2009 Joint Statistical Meetings in Washington DC, August 1-6, 2009.
160. Hearst, MO, Lytle, LA, Murray, DM. Cross-validation and multi-site trials. Presented at the 43<sup>rd</sup> Annual Meeting of the Society for Epidemiological Research in Seattle, Washington, June 23-26, 2010.
161. Wiegand, R, Pals, S, Murray, DM. Use of statistical methods to analyze group randomized trials in HIV/AIDS research. Presented at The 2010 Joint Statistical Meetings, Vancouver, British Columbia, Canada, July 31-August 5, 2010.
162. Taber, DR, Stevens, J, Poole, C, Maciejewski, ML, Murray, DM, Brownson, RC. State Policies Targeting Junk Food in Schools: Racial/Ethnic Differences in the Effect of Policy Change on Soda Consumption. Presented at the 28<sup>th</sup> Annual Scientific Meeting of The Obesity Society, San Diego, California, October 8-12, 2010.
163. Hayes, RB, MS Quit Study Team. Tobacco Counseling Skills among US Medical Students: Initial Survey Results from the MSQUIT Group Randomized Control Trial. Abstract presented at the 34<sup>th</sup> Annual National Conference of the Association for Medical Education and Research in Substance Abuse, Bethesda, Maryland, November 4-6, 2010.
164. Fagundes, CP, Murray, DM, Hwang, BS, Gouin, J, Thayer, JF, Sollers III, JJ, Shapiro, CL, Malarkey, WB, Kiecolt-Glaser, JK. Fatigue is Associated with Lower Parasympathetic Tone in Breast Cancer Survivors. Abstract presented at the at 69<sup>th</sup> Annual Scientific Meeting of the American Psychosomatic Society, San Antonio, Texas, March 9-12, 2011.
165. Dengel, D, Hearst, MO, Murray, DM, Lytle, LA. Longitudinal Effects of Screen Time and Physical Activity on Blood Pressure in Adolescents. Abstract presented at the 58<sup>th</sup> Annual Meeting of the American College of Sports Medicine Annual Meeting, Denver, Colorado, May 31 – June 4, 2011.
166. Murray, DM, Dongyue, F. A Comparison of Permutation and Mixed-model Regression Methods for Group-Randomized Trials. Presented at SREE Fall 2011 Conference, Washington, D.C., September 8-10, 2011.
167. Paskett, ED, Katz, ML, Young, G, Murray, DM, Lee, C, Pennell ML, Tatum, C, Krieger JL, Slater, M. Colorectal cancer screening patterns among residents living in Ohio Appalachia. Presented at the 4<sup>th</sup> AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic and the Medically Underserved, Washington, DC, September 2011.
168. Paskett, E, Bekaii-Saab, T, DeGraffinreid, C, Fisher, J, Harrop, P, Harzman, A, Katz, M, McAlearney, A, Murray, DM, O'Malley, D, Pennell, M, Post, D, Seiber, E, Single, N, Shapiro, C, Tatum, C, Young, G. The Ohio Patient Navigation Research Program (OPNRP):

- Does the ACS-Patient navigation model improve time to resolution among patients with abnormal screening tests? Poster presented at the 4<sup>th</sup> Annual Conference of The Science of Cancer Health Disparities, Washington, D.C., September 18-21, 2001.
169. Freund, K., Investigators for the Patient Navigator Research Program. Patient Navigation and Timeliness of Diagnostic Evaluation: Results from the Patient Navigation Research Program. Presented at the 4<sup>th</sup> Annual Conference of the The Science of Cancer Health Disparities, Washington, D.C., USA, September 18-21, 2011.
170. Hales, D, Stevens, J, Taber, DR, Murray, DM. State-level physical education/activity policy change and student physical activity levels. Abstract presented at the 29<sup>th</sup> Annual Scientific Meeting of The Obesity Society, Orlando, Florida, October 1-5, 2011.
171. Weant, T, Murray, DM, Wang, SH. Screening and Treatment of Latent Tuberculosis Infection in an Ohio Prison. Presented at the 16<sup>th</sup> Annual Conference of the Union-North America Region, San Antonio, TX, USA, February 23-25, 2012.
172. Katz, M, Reiter, P, Young, G, Murray, DM, Post, D, Tatum, C, DeGraffinreid, C, Paskett, E. Patient-identified barriers in the Ohio Patient Navigation Research Program. Paper presented at the 33<sup>rd</sup> Annual Meeting of the Society of Behavioral Medicine, New Orleans, LA, USA, April 11-14, 2012.
173. Katz, M, Reiter, P, Young, G, Murray, DM, Post, D, Tatum, C, DeGraffinreid, C, Paskett, E. Barriers to care reported among patients with cervical and breast abnormalities in the Ohio Patient Navigation Research Program. Poster presented at the 36<sup>th</sup> Annual Scientific Research Meeting of the American Society of Preventive Oncology, Washington, D.C., March 3-6, 2012.
174. Murray, David M. The Tobacco Regulatory Science Program. Presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Boston, MA, March 14, 2013.
175. Murray, David M. Developing a Strategic Plan for Prevention Research at NIH. Keynote Address at the annual meeting of the Society for Prevention Research, San Francisco, CA, May 30, 2013.
176. Murray, David M. The Tobacco Regulatory Science Program. Presented at the annual meeting of the Society for Prevention Research, San Francisco, CA, May 30, 2013.
177. Bailey R, Fakhouri T, Park Y, Dwyer J, Thomas P, Dodd K, Gahche J, Miller P, Sempos C, and Murray D. Multivitamin-mineral Use and Cardiovascular Disease Mortality in the US. Presented at the annual meeting of Experimental Biology, San Diego CA, April 26-30, 2014.
178. Murray, David M. The Affordable Care Act: Implications for Prevention. Presented at the annual meeting of the Society for Prevention Research, Washington, DC, May 28, 2014.
179. Murray, David M. Developing a Strategic Plan for the NIH Office of Disease Prevention. Plenary address presented at the annual meeting of the American College of Epidemiology annual meeting, Washington, DC, September 8, 2014.
180. Shoben, A, Andridge, R, Murray, D. Consequences of misspecified clusters in group-randomized trials. Paper presented at the Joint Statistical Meetings, Seattle WA, August 8-13, 2015.
181. Murray, David M. A Strategic Plan for the NIH Office of Disease Prevention. Plenary address presented at the annual meeting of the Association of Schools and Programs of Public Health, Washington, DC, March 24, 2015.
182. Villani J, Lee J, Myles RL, Schully SD, Meyer P, Baker K, Fearon P, Christian C, Santangelo G, Murray DM. Applying Machine Learning to Prevention Research. Poster presented at the 24<sup>th</sup> annual meeting of the Society for Prevention Research, San Francisco CA, May 31-June 3, 2015.
183. Myles RL, Villani J, Lee J, Schully SD, Mabry P, Wu J, Carter-Nolan P, Panzer R, Murray DM. Systematic characterization of the NIH Prevention Research Portfolio. Poster presented at the 24<sup>th</sup> annual meeting of the Society for Prevention Research, San Francisco CA, May 31-June 3, 2015.
184. Klabunde C, Neilson E, Villani J, Langer D, Lossie AC, Jones C, Stredrick D, Winseck K, Murray DM. Insufficient evidence (I) statements of the US Preventive Services Task Force: A Rich Information Resource for Prevention Researchers. Poster presented at the 24<sup>th</sup> annual meeting of the Society for Prevention Research, San Francisco CA, May 31-June 3, 2016.
185. Lee J, Watson P, Mabry P, Panzer R, Hamrick J, Murray DM. The development of the Prevention Research Expertise Survey and Tool. Poster presented at the 24<sup>th</sup> annual meeting of the Society for Prevention Research, San Francisco CA, May 31-June 3, 2015.
186. Kuzmichev A, Neilson E, Shropshire K, George S, Stredrick D, Langer D, Jones C, Lee J, Myles RM, Wu J, Schully SD, Engel J, Murray DM. Resources for researchers: a new portal to assist

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- prevention investigators. Poster presented at the 24<sup>th</sup> annual meeting of the Society for Prevention Research, San Francisco CA, May 31-June 3, 2015.
187. Klabunde CN, Neilson E, Villani J, Langer D, Lossie AC, Jones C, Stredrick D, Winseck K, Murray DM. Insufficient Evidence (I) Statements of the U.S. Preventive Services Task Force: A Rich Information Resource for Prevention Researchers. Poster presented at the 8th Annual Conference on the Science of Dissemination and Implementation in Health, Washington, DC, December 14, 2015.
188. Murray, David M. Prevention Research at the National Institutes of Health. Presented at the annual meeting of the Association for Clinical and Translational Science, Washington, DC, April 14, 2016.
189. Neilson E, Engel J, Kuzmichev A, Langer D, Murray DM. Disseminating Resources for Researchers to Improve the Practice of Prevention Research. Poster presented at the 2016 National Conference on Health Communication, Marketing, and Media, Atlanta GA, August 23-25, 2016.
190. Neilson E, Kuzmichev A, Engel J, Schully S, Shropshire K, Langer D, Murray DM. A dissemination and implementation science resource for prevention researchers. Poster presented at the 9<sup>th</sup> annual Conference on the Science of Dissemination and Implementation. Washington DC, December 14-15, 2016.
191. Langer D, Engel J, Neilson E, Kuzmichev A, Murray DM. Resources for researchers: a new portal to assist prevention investigators. Poster presented at the annual meeting of the Society for Behavioral Medicine, San Diego CA, March 29-April 1, 2017.
192. Murray DM, Pals SL, George S, Kuzmichev A, Lai G, Lee J, Myles RM, Nelson S. Design and analysis of group-randomized trials in cancer: a review of current practices. Paper presented at the 25<sup>th</sup> annual meeting of the Society for Prevention Research, Washington DC, May 30-June 2, 2017.