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EDUCATION

Northern Illinois University, DeKalb, Illinois
Ph.D., Political Science, 1992
Dissertation: The Transmission of Issue Salience: Setting the Issue Agenda for American Youth
Fields: American Government, Public Policy, Public Administration

Western Michigan University, Kalamazoo, Michigan
M.A., Political Science, 1980
Thesis: Citizen Advisory Committees: The Relationship Between Member Satisfaction and Committee Variables

Valparaiso University, Valparaiso, Indiana
B.A., Political Science and History, 1973

RESEARCH EXPERIENCE

Longitudinal Study of American Youth
University of Michigan, Institute for Social Research
Associate Director LSAY, August 2010-Present

Longitudinal Study of American Youth
Michigan State University
Visiting Assistant Professor and Associate Director, August 2006-July 2010

Center for Biomedical Communications
Northwestern University Medical School
Research Assistant Professor, May 1999 – August 2006

International Center for the Advancement of Scientific Literacy
Chicago Academy of Sciences, Chicago, Illinois
Associate Director, June 1992 – April 1999

Longitudinal Study of American Youth
Social Science Research Institute, Northern Illinois University, DeKalb, Illinois
Research Associate, July 1988 - June 1992

Public Opinion Laboratory
Social Science Research Institute, Northern Illinois University, DeKalb, Illinois
Research Assistant, July 1986 - June 1988

Whiteside County Board JTPA, Sterling, Illinois
Planner, January 1984 - June 1986

Sauk Valley Community College, Dixon, Illinois
Planning Assistant, December 1982 - December 1983

BOOKS

Miller, J., and Kimmel, L. (2001). *Biomedical Communications*. New York: Academic Press.

PUBLICATIONS IN REFEREED JOURNALS

Kimmel, L.G., Miller, J.D., & Eccles, J.S. (2012). Do the paths to STEMM professions differ by gender? *Peabody Journal of Education*. 87(1): 92-113.

Miller, J.D., & Kimmel, L.G. (2012). Pathways to a STEMM profession. *Peabody Journal of Education*. 87(1): 26-45.

Solberg, V.S., Kimmel, L.G., & Miller, J.D. (2012). Pathways to STEMM support occupations. *Peabody Journal of Education*. 87(1): 77-91.

Miller, J.D., Kotowski, M.R., Comis, R.M., Smith, S.W., Silk, K.J., Colaizzi, D., and Kimmel, L.G. (2011). Measuring cancer clinical trial understanding. *Health Communications*. 26(1):82-93.

Grammer, L.C., Weiss, K.B., Pedicano, J.B., Kimmel, L.G., Curtis, L.S., Catrambone, C.D., Lyttle, C.S., Sharp, L.K., and Sadowski, L.S. (2010). Obesity and asthma morbidity in a community-based adult cohort in a large urban area: The Chicago initiative to raise asthma health equity (CHIRAH). *Journal of Asthma*, 47:491-495.

Weiss, K.B., Shannon, J.J., Sadowski, L.S., Sharp, L., Curtis, L., Lyttle, C.S., Kumar, R., Shalowitz, M.U., Weiselberg, L., Catrambone, C.D., Evans, A., Kee, R., Miller, J., Kimmel, L., & Grammer, L.C. (2009). The burden of asthma in the Chicago community fifteen years after the availability of national asthma guidelines: The design and initial results from the CHIRAH study. *Contemporary Clinical Trials*, 30(3):246-255.

Comis, R.L., Miller, J.D., Colaizzi, D.D., & Kimmel, L.G. (2009). Physician-Related Factors Involved in Patient Decisions to Enroll in Cancer Clinical Trials. *Journal of Oncology Practice*, 5(2):50-56.

Kimmel, L.G., & Miller, J.D. (2008). The Longitudinal Study of American Youth: Notes on the first 20 years of tracking and data collection. *Survey Practice*, December 2008. [Available online at <http://surveypractice.org/>]

Chang, C.H., Sharp, L.K., Kimmel, L., Grammer, L.G., Kee, R., & Shannon, J.J. (2007). A Six-Item Brief Measure for Assessing Perceived Control of Asthma in Culturally Diverse Patients. *Annals of Allergy*,

Asthma, & Immunology, 99(2):130-135.

Sharp, L., Kimmel, L., Kee, R., Saltoun, C., and Chang, C-H. (2007). Assessing the Perceived Stress Scale for African American Adults with Asthma and Low Literacy. *Journal of Asthma*, 44(4): 311-316.

Miller, J.D., Augenbraun, E., Schulhof, J., and Kimmel, L.G. (2006). Adult Science Learning from Local Television Newscasts. *Science Communication*, 28 (2): 1-27.

Pifer, L. (1996). The Development of Young American Adults' Attitudes about the Risks Associated with Nuclear Power. *Public Understanding of Science*, 5: 135-155.

Pifer, L. (1996). Exploring the Gender Gap in Young Adults' Attitudes about Animal Research. *Society & Animals*, 4: 37-52.

Pifer, L. (1994). Adolescents and Animal Rights: Stable Attitudes or Ephemeral Opinions. *Public Understanding of Science*, 3: 291-307.

Pifer, L., Shimizu, K., and Pifer, R. (1994). Public Attitudes Toward Animal Research: Some International Comparisons. *Society & Animals*, 2: 95-113.

CHAPTERS IN EDITED VOLUMES

Pifer, L., and Shimizu, K. (1995). Public Attitudes Toward Animal Research: A Comparative Study of 15 Nations. Alan M. Goldberg and L.F.M. Van Zutphen (Eds.) *The World Congress on Alternatives and Animal Use in the Life Sciences: Education, Research, and Testing*. New York: Mary Ann Liebert, Inc., Publishers.

Pifer, L. (1989). Genetic Markers for Schizophrenia: The Policy Context and Implications. In Robert H. Blank (Ed.) *Biomedical Technology and Public Policy*. Westport, CT: Greenwood Press Inc.

CONFERENCE PAPERS

Miller, J.D., Kimmel, L.G., Schmidt, W.H., & Houang, R.T. (2009). Pathways to Careers in Science, Technology, Mathematics, and Medicine (STEMM). A paper presented at the annual meeting of the American Educational Research Association, San Diego, CA, April 16.

Miller, J.D., Kimmel, L.G., & Clewell, B.C. (2009). Pathways to the Baccalaureate. A paper presented at the annual meeting of the American Educational Research Association, San Diego, CA, April 16.

Miller, J.D., & Kimmel, L.G. (2009). The Impact of the Internet on Adult Learning. A paper presented at the annual meeting of the American Educational Research Association, San Diego, CA, April 16.

Miller, J.D., Augenbraun, E., Kimmel, L.G., & Schulhof, J. (2008). Gutenberg Revisited: A Comprehensive Analysis of the Use of New Media by American Adults. A paper presented at the annual meeting of the American Association for Public Opinion Research, New Orleans, LA, May 16.

Miller, J.D., Kimmel, L.G., & Mitchell, M. (2008). The Impact of Rural Education on Life Outcomes: A

- Report from the Longitudinal Study of American Youth. A poster presented at the annual meeting of the American Educational Research Association, New York, New York, March 25.
- Comis, R.L., Colalizzi, D.D., Kimmel, L.G., and Miller, J.D. (2007). Barriers to Cancer Trials (CCT) Participation: "We have met the enemy and he is us." A poster presented at the American Society of Clinical Oncology Annual Meeting, Chicago, IL, June 2, 2007.
- Kimmel, L., and Miller, J. (2007). Where are they now? Locating the Longitudinal Study of American Youth. A paper presented to the annual meeting of the American Association for Public Opinion Research, Orange County, California, May 19, 2007.
- Kimmel, L., and Miller, J. (2007). Twenty Years of Tracking and Data Collections by the Longitudinal Study of American Youth. A paper presented to the annual meeting of the American Educational Research Association, Chicago, Illinois, April 10, 2007.
- Miller, J., and Kimmel, L. (2007). A Longitudinal Model of Educational Attainment and Career Development. A paper presented to the annual meeting of the American Educational Research Association, Chicago, Illinois, April 9, 2007.
- Miller, J. D. and Kimmel, L. (2006). The Selection of a STEMM Major in College. A paper presented to the annual meeting of the American Educational Research Association, San Francisco, California, April 10, 2006.
- Kumar R, Shannon JJ, Weiss KB, Kimmel L, Moy J. Adult and pediatric rates of smoking in the Chicago Initiative to Raise Asthma Health Equity (CHIRAH). *Proceedings of the American Thoracic Society* 2005; 2:A699.
- Miller, J. D., Pardo, R., and Kimmel, L. (2005). Public attitudes to agricultural biotechnology in 10 countries. A paper presented to the annual meeting of the World Association for Public Opinion Research, Cannes, France, September 17, 2005.
- Miller, J.D., Kimmel, L., Dennis, J.M., and McCready, W. (2005). The Transition from Telephone to Online Data Collection in Time Series Measurements: The estimation of mode effects. A paper presented to the annual meeting of the American Association for Public Opinion Research, Miami Beach, Florida, May 13, 2005.
- Miller, J.D., and Kimmel, L. (2005). The Public Acceptance of Evolution and the Big Bang: A national and cross-national analysis of the struggle for the acceptance of science in the United States. A paper presented to the annual meeting of the American Association for Public Opinion Research, Miami Beach, Florida, May 13, 2005.
- Miller, J.D., Pardo, R., and Kimmel, L. (2005). The Impact of Attitudes toward Stem Cell Research on the Vote for President. A paper presented to the annual meeting of the American Association for Public Opinion Research, Miami Beach, Florida, May 12, 2005.
- Miller, J.D., Kimmel, L., and Wilkins, J. (2005). The Imputation of Missing and Disparate Data in a Longitudinal Study. A paper presented to the annual meeting of the American Educational Research Association, Montreal, Canada, April 11, 2005.
- Kimmel, L., and Miller, J.D. (2005). Personal Health Schema and Cancer Testing Behaviors. A paper

- presented at the HINTS Data User's Conference, St. Pete's Beach, Florida, January, 2005.
- Miller, J.D., and Kimmel, L. (2004). Apprentice Citizens: The political attitudes and behaviors of young adults in Europe and the United States. A paper presented to the Conference on Civic Education Research, Reno, Nevada, September 28, 2004.
- Miller, J.D., Augenbraun, E., Schulhof, J., and Kimmel, L. (2004). The Impact of Science News Embedded in Local Television Newscasts. A paper presented to the annual meeting of the American Association for Public Opinion Research, Phoenix, Arizona, May 14, 2004.
- Miller, J.D., Kimmel, L., Schmidt, W., and Houang, R. (2004). The Influence of Student Attitudes and Effort on Student Achievement in Mathematics. A paper presented to the annual meeting of the American Educational Research Association, San Diego, California, April 14, 2004.
- Kimmel, L., and Miller, J.D. (2004). Gender Differences in the Socialization of Young Adults' Attentiveness to Science Issues: A Longitudinal Analysis. A paper presented to the annual meeting of the American Educational Research Association, San Diego, California, April 14, 2004.
- Miller, J.D., and Kimmel, L. (2003). Biomedical Literacy in the United States: Exploring the borderland between science and citizenship. A paper presented to the International Communication Association, San Diego, California, May 25, 2003.
- Miller, J.D., and Kimmel, L. (2003). American Trust in Science and Technology: An analysis of data from the second half of the 20th century. A paper presented to the American Association for Public Opinion Research, Nashville, Tennessee, May 17, 2003.
- Miller, J.D., and Kimmel, L. (2002). The Politics of Biotechnology in the United States and the European Union: A conceptual and empirical analysis. A paper presented to the annual meeting of the American Political Science Association, Boston, Massachusetts, August 30, 2002.
- Kimmel, L. and Miller, J.D. (2002). Sources of Media Distrust. A paper presented to the annual meeting of the American Association for Public Opinion Research, St. Petersburg Beach, Florida, May 19, 2002.
- Miller, J.D., and Kimmel, L. (2002). Biomedical Literacy, Attitudes, and Behaviors: A conceptual and empirical re-examination. A paper presented to the annual meeting of the American Association for Public Opinion Research, St. Petersburg Beach, Florida, May 18, 2002.
- Miller, J.D., and Kimmel, L. (2002). A General Model of Health Communication for Patients and Consumers. A paper presented to the Kentucky Conference on Health Communication, Lexington, Kentucky, April 19, 2002.
- Miller, Jon D., and Kimmel, L. (2000). The Decline of the Attentive Public for Environmental Issues During the 1990s. A paper presented to the annual meeting of the American Political Science Association, Washington, D.C.
- Miller, Jon D., and Kimmel, L. (1999). The Development of Quantitative Literacy in Middle School and High School. A paper presented to the annual meeting of the American Educational Research Association. Montreal, Canada.
- Miller, Jon D., and Kimmel, L. (1998). The Development of Citizenship Behaviors. A paper presented to the

- annual meeting of the American Educational Research Association. San Diego, California.
- Kimmel, L. (1997). Public Attitudes about the use of Animals in Scientific Research. A paper presented at the Conference "Hot Topics about Research Animal Welfare" sponsored by the Scientists Center for Animal Welfare and the University of Texas Health Science Center at San Antonio. San Antonio, Texas, December 11-12.
- Pifer, L. (1997). Gender Differences in Young Adults' Attitudes Toward Science and Technology. Presented at the Midwest Political Science Association Annual Meeting, Chicago, Illinois.
- Pifer, L. (1996). Gender Differences in Young Adults' Attitudes Toward Science and Technology. Presented at the Midwest Association of Public Opinion Research Annual Meeting, Chicago, Illinois.
- Pifer, L. (1996). Sources of Adult Information about Biomedical Issues. Presented at the American Educational Research Association Annual Meeting, New York, New York.
- Pifer, L. (1995). Public Understanding of Biomedical Terms. Presented at the International Conference on the Public Understanding of Science and Technology, Beijing, China.
- Pifer, L. (1995). The Impact of College Science Courses on Attitudes Toward Nuclear Power. Presented at the American Educational Research Association Annual Meeting, San Francisco, California.
- Miller, J.D., and Pifer, L. (1995). Adult Information Acquisition about Scientific Issues: The Ozone Layer Issue. Presented at the American Educational Research Association Annual Meeting, San Francisco, California.
- Pifer, L., and Miller, J.D. (1995). The Development of Trust in Science among Young Adults: A Longitudinal Analysis. Presented at the American Association for the Advancement of Science Annual Meeting, Atlanta, Georgia.
- Pifer, L. (1994). Public Understanding of Biomedical Concepts. Presented at the Conference on Education for Scientific Literacy, London, England.
- Pifer, L. (1994). The Public Understanding of Biomedical Concepts. Presented at the American Association for the Advancement of Science Annual Meeting, San Francisco, California.
- Rigual, T., and Pifer, L. (1994). Biomedical Understanding Among Hispanic-Americans. Presented at the American Association for the Advancement of Science Annual Meeting, San Francisco, California.
- McConeghy, J., and Pifer, L. (1993). Using Letters to Convert Refusals in a Large National Random Population Survey. Presented at the Midwest Association of Public Opinion Research Annual Meeting, Chicago, Illinois.
- Pifer, L., and Shimizu, K. (1993). Public Attitudes Toward Animal Research: A Comparative Study of 15 Nations. Presented at the World Congress on Alternatives and Animal Use in the Life Sciences: Education, Research and Testing, Baltimore, Maryland.
- Pifer, L., and Miller, J. (1993). The Public Understanding of Environmental Science Concepts in the United States. Presented at the International Conference on Science and Democracy, Chicago, Illinois.

- Miller, J., and Pifer, L. (1993). *The Attentive Public for Science Policy: A Comparative Study of 15 Industrialized Societies*. Presented at the American Association of Public Opinion Research Annual Meeting, St. Charles, Illinois.
- Pifer, L. (1993). *Adolescents and Animal Rights: Stable Attitudes or Ephemeral Opinions*. Presented at the Federation of American Societies for Experimental Biology Annual Meeting, New Orleans, Louisiana.
- Miller, J., and Pifer, L. (1993). *The Public Understanding of Environmental Science Concepts in the United States*. Presented at the American Association for the Advancement of Science Annual Meeting, Boston, Massachusetts.
- Pifer, L., and Miller, J. (1992). *A Model of Adolescent Print News Media Usage*. Presented at the Midwest Association of Public Opinion Research Annual Meeting, Chicago, Illinois.
- Pifer, L. (1992). *The Effects of Family, School, and Media on Adolescent Interest in Science Issues*. Presented at the International Symposium for the Public Understanding of Science and Technology, and Science and Mathematics Education of Youth, Tokyo, Japan.
- Pifer, L. (1992). *The Public Understanding of Biotechnology*. Presented at the First Annual Pacific Northwest Biotechnology Exposition, Seattle, Washington.
- Pifer, L., and Miller, J. (1992). *Ozone and Environmental Politics*. Presented at the American Political Science Association Annual Meeting, Chicago, Illinois.
- Pifer, L. (1991). *Scientific Literacy and Political Participation*. Presented at the Midwest Association of Public Opinion Research Meeting, Chicago, Illinois.
- Pifer, L., Miller, J., and Ressmeyer, T. (1991). *A Longitudinal Analysis of Adolescent Issue Specialization*. Presented at the Midwest Political Science Association Annual Meeting, Chicago, Illinois.
- Ressmeyer, T., Pifer, L., and Miller, J. (1990). *Issue Specialization among American Adolescents*. Presented at the American Political Science Association Annual Meeting, San Francisco, California.
- Pifer, L., and Miller, J. (1990). *The Development of Issue Attentiveness in Adolescents: A Multivariate Analysis*. Presented at the Midwest Political Science Association Annual Meeting, Chicago, Illinois.

REPORTS

- Miller, J., and Kimmel, L. (2001). *Longitudinal Study of American Youth: User's Manual*. Chicago: International Center for the Advancement of Scientific Literacy at Northwestern University.
- Miller, J., and Kimmel, L. (2000). *The United States Science and Engineering Indicators Studies CD-ROM: User's Manual*. Chicago: International Center for the Advancement of Scientific Literacy at Northwestern University.
- Miller, J., Kimmel, L., and Smith, T. (1999). *The Causes and Treatment of Selected Diseases: A Social Science Analysis of Public Understanding and Attitudes*. A report submitted to the Office of Behavioral and Social Science Research (OBSSR) in the Office of the Director of NIH. Chicago, IL Chicago Academy of Sciences.

- Miller, J., and Kimmel, L. (1998). *1998 Public Understanding of Biotechnology Study: Codebook*. Chicago: Chicago Academy of Sciences.
- Miller, J., and Pifer, L. (1994). *The Public Understanding of Science and Technology in the United States, 1992: Codebook*. A report submitted to the National Science Foundation. Chicago, IL: Chicago Academy of Sciences.
- Miller, J., and Kimmel, L. (1999). *Public Attitudes Toward Science and Technology, 1979-1997: Integrated Codebook*. A report submitted to the National Science Foundation. Chicago, IL: Chicago Academy of Sciences.