

DOUGLAS L. ANDERTON - CV

<u>EMPLOYMENT:</u>	DATES	DESCRIPTION
Department of Sociology <i>University of South Carolina</i>	1/13-current 8/12-current 7/12-9/12	Chair CAS Distinguished Professor Research Professor
College of Social and Behavioral Sciences Department of Sociology Department of Communication Department of Sociology <i>University of Massachusetts-Amherst</i>	8/03-9/12 7/92-12/12 10/08-8/09 9/88-7/92	Assoc. Dean for Research Affairs Professor & SADRI Director Acting Chair Assoc. Professor
Department of Sociology <i>University of Chicago</i>	9/83-9/88	Asst. Professor
Resource for Genetic Epidemiology Depts. of Sociology & Medical Biophysics <i>University of Utah</i>	12/80-9/87 12/80-6/83	Researcher Student Instructor
<i>Utah State Bureau of Health Statistics</i>	12/75-12/80	Senior Statistician

<u>EDUCATION:</u>	DATES	DEGREE RCVD
University of Utah	9/79-6/83	Sociology-Phd.
"	9/73-9/75	Economics-M.S.
"	6/71-8/73	Economics-B.S.

Professional Seminars: Visual Display Quantitative Data, E. Tufte 1993; Log-Linear Analysis, L. Goodman, B. U., 1981; Latent Structure LISREL, K. Joreskog, B.U., 1981; Principles of Epidemiology; Disease Prevention and Epidemiology; Community Public Health, and Housing Quality Analysis, CDC- 1979

HONORS, APPOINTMENTS, EDITORSHIPS AND BOARDS:

American Association for the Advancement of Science, Fellow (elected 2016)
International Statistical Institute (elected 2015)
Sociological Research Association (elected 2008)
American Statistical Association, Fellow (elected 2000)
Social And Demographic Research Institute, Director 1992-2012 (Assoc. Director 1989-92)
Social Development Center U. Chicago, Associate Director 1988-93
Center for Advanced Study in the Behavioral Sciences, Fellow – 1987-88
Historical Methods, Editor 2017-Current
Social Science History, Editor 2006-2012 (Editorial Board 2004-2006; 2014-current)
ASA Rose Monograph Series, Co-Editor - 2000-2005
Demography, Editorial Board – 2016-present
Max Plank Inst., Demographic Research, Scientific Review Board, 2002-2015
Contemporary Sociology, Editorial Board - 1994-97
American Journal of Sociology, Editorial Board -1983-88
NIH SSPS Study Section, 2004-2008, *College of Reviewers*, 2009-2011, *Periodic Special Panels*
NSF/HSD International iPUMS Board of Advisors, 2004-2008
International Consortium for Political and Social Research, ORP 1992-2012

AREAS OF INTEREST:

Statistics, Demography, Social Epigenetics/Epidemiology and Social History.

CHRONOLOGICAL ORDER ARTICLES, BOOKS AND MONOGRAPHS (italics):

Infant Mortality: Utah 1956-1985. D. L. Anderton and D. C. Tingey, Utah Quarterly Vital Statistics Report, Nov. 1979 2(3):2-4.

Discrete Event Simulation in SAS. A. R. Brewton and D. L. Anderton, SAS User's Guide, SAS Inst., Raleigh NC 1979.

Categorical/Log Linear Models in the Analysis of Linked Vital Statistics Files. D. L. Anderton and D. C. Tingey, National Data Use NCHS, Rockville MD 1979.

Loss of Life in Utah. B. E. Nangle and D. L. Anderton, Utah Quarterly Vital Statistics Report, Feb. 1980 2(4):2-3.

TPATH: Tutorial Path Analysis Program. D. L. Anderton and J. Conaty, The American Statistician Feb. 1982 36(1):61.

A Macrosimulation Approach to the Investigation of Natural Fertility, J. D. Willigan, G. P. Mineau, D. L. Anderton, and L. L. Bean, Demography May 1982 19(2):161-76.

T2SLS: Tutorial Two-Stage Least Squares Program. J. Conaty, T. Fain, and D. L. Anderton, The American Statistician Aug. 1982 36(3):193-4, reprinted European Political Data Dec. 1982 (45).

A Quantitative Analysis of Behavioral Change in a Utah Frontier Fertility Transition: Women's Birth Cohorts 1840-1899. Douglas L. Anderton, Phd. Dissertation 1983.

Population Estimates from Longitudinal Data in Otherwise Data Deficient Settings. Douglas L. Anderton, Joseph Conaty, and Thomas W. Pullum, Demography August 1983 20(3):273-84.

Structural Constraints on Organizational Change: a longitudinal analysis, Douglas L. Anderton, Joseph Conaty, and George A. Miller, Journal of Business Research 1983 11:153-170.

Residence and Religious Effects on Declining Family Size: a historical analysis of the Utah Population. Lee L. Bean, Geraldine P. Mineau, and Douglas L. Anderton, Review of Religious Research December 1983 25(2):91-101.

Adoption of Fertility Limitation in an American Frontier Population: An Analysis and Simulation of Socio-religious Subgroups. D. L. Anderton, L. L. Bean, J. D. Willigan, and G. P. Mineau, Social Biology 1984 31(1-2):140-159.

Epidemiology of Smallpox in the Aland Islands, Finland: 1751-1890. J. Mielke, L. Jorde, P. Trapp, D. Anderton, K. Pitkanen, and A. Eriksson, Demography 1984 21(3):271-95.

Evolution Differentielle de la Fecondite et Groupes Sociaux Religieux: L'Exemple d L'Utah au XIXE Siecle. G. P. Mineau, D. L. Anderton, L. L. Bean, and J. D. Willigan, Annales et Demographique Historie 1984 (1):219-236.

Birth Spacing and Fertility Limitation: an analysis of a Nineteenth Century Frontier Population. Douglas L. Anderton and Lee L. Bean, Demography 1985 22(2):169-183, reprinted in Issues Surrounding Childbirth, ed. Philip K. Wilson, Garland Publishing Inc., 1995.

- Assessing the Samples of Prior Organizational Research. George A. Miller, Douglas L. Anderton, and Joseph Conaty, Journal of Management Studies 1985 22(4):369-383.
- Estimates of Infant Mortality on the Western Frontier: the Use of Genealogical Data. Katherine Lynch, Geraldine P. Mineau and Douglas L. Anderton, Historical Methods 1985 18(4):155-164.
- Urbanization, Secularization, and the Normative Determinants of Childspacing: A Case Study of An Historical Fertility Transition. Douglas L. Anderton, Sociological Quarterly 1986 27(1):43-62.
- Evidence for Environmental Familiarity of Kallikrein Excretion in Utah Kindreds. M. M. Dadone, J. B. Smith, D. L. Anderton, O. Ash, R. R. Williams, Western Journal of Medicine, May 1986 144(5):559-563.
- Intermarriage of Frontier Immigrant, Religious and Residential Groups: an examination of a macro-structural assimilation hypothesis. Douglas L. Anderton, Sociological Inquiry 1986 56(3):341-366.
- Sexual Harassment: Organizational Context and Diffuse Status, Terri Fain and Douglas L. Anderton, Sex Roles 1987 5/6:291-311.
- The Fertility Effects of Marriage Patterns in a Frontier American Population, L. L. Bean, G. P. Mineau, Y. Hsueh, and D. L. Anderton, Historical Methods 1987 20(4):161-171.
- Intergenerational Transmission of Fertility Norms during a Fertility Transition, Douglas L. Anderton, Noriko O. Tsuya, Lee L. Bean, and Geraldine P. Mineau, Demography 1987 24(4):467-480.
- MAPSTAT: A Self-Teaching Guide with a Review of Basic Statistics*, Donald J. Bogue, Douglas L. Anderton and Joseph C. Conaty, iv+109 pp., GBR&D Press, 1988.
- Migration and Fertility: Behavioral Change on the American Frontier, Geraldine P. Mineau, Lee L. Bean and Douglas L. Anderton, Journal of Family History 1989 14(1):43-61.
- The Polygynous Life-Course: Sexual Competition versus the Stock of Progeny, Douglas L. Anderton and Rebecca Emigh, The American Journal of Sociology 1989 94(4):832-55.
- On 'Starting, Stopping and Spacing,' a commentary by Douglas L. Anderton, Demography 1989 26(3):467-70.
- A Review of Methods for Contextual Analysis with Community Data, Douglas L. Anderton and Deborah E. Sellers, Historical Methods 1989 22(3):106-15.
- Description and Evaluation of Linkage of the 1880 Census to Family Genealogies with Implications for Utah Fertility Research, Geraldine P. Mineau, Douglas L. Anderton, and Lee L. Bean, Historical Methods 1989 22(4):144-57.
- Adaptation and Innovation: Fertility on the American Frontier*, Lee L. Bean, Geraldine P. Mineau and Douglas L. Anderton, xiii+295 pp., University of California Press, 1990.

- ELLA: A User's Guide to Easy Log-Linear Analysis*, Douglas L. Anderton and David P. Lindstrom, 43 pp., GBR&D Press, 1990.
- Demographic Seasonality and Development: the Effects of Agricultural Colonialism in Taiwan, 1906-1942. Douglas L. Anderton and Richard E. Barrett, Demography 1990 27(3):397-441.
- Temporal Dimensions of the Fertility Transition: An Age-Period-Cohort Analysis of Frontier Fertility, Yung-chang Hsueh and Douglas L. Anderton, Sociological Perspectives 1990 33(4):447-464.
- Using Local Longitudinal Records to Estimate Transient and Resident Homeless Populations, Douglas L. Anderton, Housing Policy Debate 1991 2(3):883-900.
- Frontier Settlements and Reproductive Efficiency, Lee L. Bean, Geraldine P. Mineau and Douglas L. Anderton, in El Poblamiento de las Americas, IUSSP, Ordina Editions 1992.
- High Risk Childbearing: Fertility and Infant Mortality on the American Frontier, Lee L. Bean, Geraldine P. Mineau, and Douglas L. Anderton, Social Science History, 1992 16(3):337-63.
- Readings in Population Methodology, eds. Donald Bogue, Eduardo Arriaga and Douglas L. Anderton, UNFPA/SDC, 1993, 8 volumes.
- Siting Hazardous Waste Facilities: "Environmental Equity" Issues in Metropolitan Areas, D. L. Anderton, A. B. Anderson, P. H. Rossi, J. M. Oakes, M. R. Fraser, E. W. Weber and E. J. Calabrese, Evaluation Review, 1994 18(2):123-140 (reprinted in Inequality: Opposing Viewpoints. Greenhaven Press, San Diego, CA. 1998; in Environmental Justice. Greenhaven Press, San Diego, CA 1995; and in the Opposing Viewpoints Plus® Software System).
- Environmental Equity: The Demographics of Dumping, Douglas L. Anderton, Andy B. Anderson, J. M. Oakes and M. Fraser, Demography 1994 31(2):221-240 (excerpted in Environmental Justice: Law, Policy & Environmental Regulation. Rechtschaffen and Guana, Carolina Press, 2002; reprinted in Environmental Justice: Legal Theory and Practice ed. Barry Hill, Environmental Law Institute, 2008.
- Environmental Equity: Evaluating TSDf Siting Over the Past Two Decades, Andy B. Anderson, Douglas L. Anderton and John Michael Oakes, Waste Age July 1994:1-8.
- Environmental Justice, Douglas L. Anderton, Environmental Solutions May 1995:74-5.
- Environmental Inequity, Industrial Siting and the Structure of American Cities, J. M. Oakes, A. B. Anderson and D. L. Anderton, in Environmental Challenges: The Next 20 Years NAEP Publications, Washington D. C., 1995.
- A Longitudinal Analysis of Environmental Equity in Communities with Hazardous Waste Facilities, J. M. Oakes, D. L. Anderton and A. B. Anderson, Social Science Research 1996 25:125-148.
- Methodological Issues in the Spatiotemporal Analysis of Environmental Equity, Douglas L. Anderton, Social Science Quarterly 1996 77:508-515.

Environmental Equity in Superfund: Demographics of the Discovery and Prioritization of Abandoned Toxic Sites, Douglas L. Anderton, John-Michael Oakes and Karla L. Egan, Evaluation Review 1997 21:3-26.

Population of the United States, Douglas L. Anderton, Richard C. Barrett and Donald J. Bogue. Free Press: New York, NY 1997.

Relative Spatial Concentration Among Minorities: Addressing Errors in Measurement, Karla L. Egan, Douglas L. Anderton and Eleanor Weber, Social Forces 1998 73(3):1115-21.

Mill Town Mortality: Consequences of Industrial Growth in Two 19th Century New England Towns, Susan I. Hautaniemi, Alan Swedlund and Douglas L. Anderton, Social Science History 1999 23(1):1-39.

Race, Class, and the Distribution of Radioactive Wastes in Massachusetts, Douglas L. Anderton, Michael R. Fraser and John-Michael Oakes, New England Journal of Public Policy Fall/Winter 1999/2000 15(1):79-96.

Methods and Validity of a Panel Study Using Record Linkage: Matching 1850-1912 Death Records to a Geographic Census Sample in Two Massachusetts Towns, Susan I. Hautaniemi, Douglas L. Anderton and Alan Swedlund, Historical Methods Winter 2000 33(1):16-29.

Demographics of Dumping II: A National Environmental Equity Survey and the Distribution of Hazardous Materials Handlers, Pamela Davidson and Douglas L. Anderton, Demography, 2000 37(4):461-466.

Hutterite Demography, Douglas L. Anderton, in the International Encyclopedia of the Social and Behavioral Sciences (ed. Neil Smelser and Paul Baltes; Section ed. Jan Hoem) Elsevier Science Press: New York, 2001.

Demography: The Study of Human Population 2nd Edition. David Yaukey and Douglas L. Anderton, Waveland Press, Chicago: IL, 2001 (2nd Printing).

Disease: Concepts and Classification. Douglas L. Anderton, pp. 247-250 in Encyclopedia of Population, ed. Paul Demeny and Geoff McNicoll, New York: Macmillan Reference USA, 2003.

The Log-Linear Model. Douglas L. Anderton and Eric Cheney, pp. 285-306 in The Handbook on Data Analysis, ed. Alan Bryman and Melissa A Hardy, Sage of London 2004.

Grammars of Death: An Analysis of Nineteenth-Century Literal Causes of Death from the Age of Miasmas to Germ Theory, Douglas L. Anderton and Susan I Hautaniemi, Social Science History 2004 28(1):111-143.

Sewers in the City: A Case Study of Individual-Level Mortality and Public Health Initiatives in Northampton, Massachusetts at the Turn of the Century, J. K. Beemer, D. L. Anderton and S. I. Hautaniemi, Journal of the History of Medicine and Allied Sciences 2005 60(1):42-72.

Public Sociology: Michael Burawoy and His Critics, ed. D. Clawson, R. Zussman, M. Burawoy, J. Misra, N. Gerstel, R. Stokes, and D. Anderton, University of California Press, 2006.

- Demography: The Study of Human Population 3rd Edition*. David Yaukey, Douglas L. Anderton and Jennifer Lundquist, Waveland Press, Chicago: IL, 2007.
- Medication Use and Gender in Western Massachusetts: Results of a Household Survey, C. M. Obermeyer, K. Price, M. Schulein, L. L. Sievert, and D. L. Anderton, Health Care for Women International 2007 28:593-613.
- Neighborhood Poverty and American Indian infant death: are the effects identifiable?, P. J. Johnson, J. M. Oakes and D. L. Anderton, Annals of Epidemiology 2008 18:552-559.
- The Potential of Using Breast Milk as a Tool to Study Breast Cancer and Breast-Cancer-Risk. Kathleen Arcaro and Douglas Anderton, Future Oncology 2008 4(5):595-597.
- Quantitative Analysis of Promoter Methylation in Exfoliated Epithelial Cells Isolated from Breast Milk of Healthy Women, C. M. Wong, D. L. Anderton, S. Smith-Schneider, M. A. Wing, M. C. Greven and K. F. Arcaro, Epigenetics 2010 5(7):546-655.
- Surface properties dictate uptake, distribution, excretion, and toxicity of nanoparticles in Japanese medaka fish, Z. Zhu, R. Carboni, M. Quercio, B. Yan, O. R. Miranda, D. L. Anderton, K. F. Arcaro, V. M. Rotello, and R. W. Vachet, Small (nano micro) 2010 6(20) 2261-2265.
- Increased Promoter Methylation in Exfoliated Breast Epithelial Cells in Women with a Previous Breast Biopsy, E.P. Browne, E.C. Punska, S. Lenington, C.N. Otis, D.L. Anderton, K.F. Arcaro. Epigenetics 2011 6(12):1436-43.
- Paralemmin is over-expressed in estrogen-receptor positive breast cancers. C.M. Turk, K.D. Fagan-Solis, K.E. Williams, J.M. Gozgit, S. Smith-Schneider, S.A. Marconi, C. N. Otis, G. Crisi, D.L. Anderton, M.W. Lkilmann and K.F. Arcaro. Cancer Cell International. 2012 May 12:17.
- Differential Expression of Cancer-Related Proteins in Paired Breast Milk Sample from Women with Breast Cancer, K.F. Arcaro, E.P. Browne, W. Qin, K. Zhang, D.L. Anderton & E.R. Sauter, Journal of Human Lactation, 2012 August 1-4.
- Immigration, Wealth and the “Mortality Plateau” in Emergent Urban-Industrial Towns of 19th-Century Massachusetts, S.H. Leonard, J.K. Beemer and D.L. Anderton Continuity and Change 2012 December (27):433-459.
- High-density array analysis of DNA methylation in tamoxifen-resistant breast cancer cell lines. Williams K.E., Anderton D.L., Lee M.P., Pentecost B.T., Arcaro K.F. Epigenetics 2014 9:2, 297–307.
- Determination of Free Bisphenol A (BPA) Concentrations in Breast Milk of U.S. Women Using a Sensitive LC/MS/MS Method, S. M. Zimmers, E. P. Browne, P. O’Keefe1, D. L. Anderton, L. Kramer, D. A. Reckhow, K. F. Arcaro, Chemosphere 2014 (March):237-243.
- SKP2 overexpression is associated with increased serine 10 phosphorylation of p27 (pSer10p27) in triple-negative breast cancer, K. D. Fagan-Solis, B. T. Pentecost, J. M. Gozgit, B. A. Bentley, S. M. Marconi, C. N. Otis, D. L. Anderton, S. S. Schneider, K. F. Arcaro, Journal of Cellular Physiology 2014 229(9):1160-69.

Human Mammary Tumor Virus (HMTV) sequences in Human Milk, T. Nartey, H. Moran, T. Marin, S. M. Melana, K. F. Arcaro, D. L. Anderton, P. Etkind, J. F. Holland, S. M. Melana and B. G. T. Pogo, Infectious Agents and Cancer 2014:9:20:1-8.

Promoter Methylation in Epithelial-Enriched and Epithelial-Depleted Cell Populations Isolated from Breast Milk of Women, E. P. Browne, S. E. Dinc, E. C. Punska, Sami Agus, A. Vitrinel, G. C. Erdag, D. L. Anderton, K. F. Arcaro, B. Yilmaz, Journal of Human Lactation August 2014.

Demography: The Study of Human Population 4th Edition. Jennifer Lundquist and Douglas L. Anderton, Waveland Press, Chicago: IL 2015.

Association of TGFβ-2 Levels in breast milk with severity of breast biopsy diagnosis, H. M. Yange, S. S. Schneider, C. M. Chisholm, E. P. Browne, S. Mahmood, G. L. Gierach, S. Lenington, D. L. Anderton, M. E. Sherman and K. F. Arcaro, Cancer Causes and Control, Jan 2015 (DOI:10.1007/s10522-041-0498-8).

Hutterite Demography, Douglas L. Anderton, International Encyclopedia of the Social and Behavioral Sciences 2nd Edition (ed. James D. Wright; Section ed. Guillermina Jasso) Elsevier Science Press: New York: NY 2015.

Social Epigenetics, Douglas L. Anderton, International Encyclopedia of the Social and Behavioral Sciences 2nd Edition (ed. James D. Wright; Section ed. Graciela Cabana) Elsevier Science Press: New York: NY 2015.

Social Epigenetics: Incorporating Epigenetic Effects as Social Cause and Consequence, Douglas L. Anderton & Kathleen Arcaro, in Emerging Trends (ed. Stephen Kosselyn & Robert Scott), John Wiley & Sons Inc., New York: NY 2015

The effects of wealth, occupation and immigration on epidemic mortality in Holyoke Township, Massachusetts, 1850-1912, S. Leonard, C. Robinson, A. Swedlund, D. Anderton, Demographic Research V. 33/36 12 Nov. 2015 DOI: 10.4054/DemRes.2015.33.36.

Urban Immigration, Occupation and Inequality in Emergent Nineteenth-Century New England Cities, S. H. Leonard, C. Robinson and D. L. Anderton, Forthcoming Social Science History Winter 2017.

Mutation Detection in Breastmilk and Breast Cancer Diagnosis, M. E. Sherman, H. P. Yang, E. P. Browne, G. L. Gierach, S. Lenington, D. L. Anderton, Y. Wang, N. Papadopoulos, B. Vogelstein, K. F. Arcaro under review.

Text-mining Cause-of-Death Data: Beyond the Epidemiological Transition model, D. L. Anderton, S. H. Leonard and C. Robinson, in preparation.

Manufacturing Grammars of Death: Mortality Transitions in The New Industrial Cities of 19th Century New England. [monograph in progress]

REVIEW ESSAYS:

- Sources and Methods of Historical Demography by J. D. Willigan and K. A. Lynch, Academic Press, review in American Journal of Sociology 1985 90(4):914-6.
- Malthus Past and Present, ed. by J. Dupaquier, A. Fauve-Chamoux and E. Grebnick, Academic Press, review in Contemporary Sociology 1985 14(2):199.
- Land, Kinship and Life-cycle, ed. by Richard M. Smith, Cambridge Press, review in American Journal of Sociology 1986 92(1):201-3.
- Dictionary of Demography: Terms, Concepts, and Institutions, with a Multilingual Glossary, by R. Pressat, and Dictionary of Demography: Biographies, by Petersen and Petersen, review in Contemporary Sociology 1987 16(5):686-7.
- Medicine and American Growth, 1800-1860, by James H. Cassedy, review in American Journal of Sociology 1987 93(3):766-8.
- Reproducing Families: The Political Economy of English Population History, by David Levine, review in American Journal of Sociology 1988 94(1):166-7.
- Theory of Population and Economic Growth, by Julian L. Simon, review in Contemporary Sociology 1988 17(4):506-7.
- Putting Asunder: A History of Divorce in Western Society, Roderick Phillips, American Journal of Sociology 1989 95(2):488-9.
- Demography and Degeneration, Richard A. Soloway, American Journal of Sociology 1991 96(5):1318-20.
- Night as Frontier: Colonizing the World After Dark, Murray Melbin, Social Forces 1991 69(3):933-935.
- Family Ties, Mary Abbott, Journal of the History of the Behavioral Sciences 1994.
- To Sow One Acre More, Lee A. Craig, History of Education Quarterly 1995 35(2):210-211.
- Unequal Protection: Environmental Justice and Communities of Color, ed. Robert D. Bullard, Contemporary Sociology 1995 24(1):80-82.
- The International Library of Critical Writings in Sociology. Series ed. Howard Newby, Contemporary Sociology 1996 25(5):709-710.
- Fertility in the United States, ed. John B. Casterline, Ronald D. Lee and Karen A. Foote, Contemporary Sociology, 1997 26(5):610-611.
- Calculating Risks: The Spatial and Political Dimensions of Hazardous Waste Policy, James T. Hamilton and W. Kip Viscusi, Journal of Political Ecology, 1999 6.
- Ordinary People: In and Out of Poverty in the Gilded Age, David Wagner, Contemporary Sociology 2009 38(1):72-74.
- Science, Policy, and the Value-Free Ideal, Heather E. Douglas., Contemporary Sociology 2010 39(2): 295-296.

CONFERENCE PRESENTATIONS:

Pregnancy Outcomes Related to the Interval Between Marriage and Birth for Teenage Mothers. P. C. vanDyck, J. E. Brockert, C. D. Heiner and D. L. Anderton, the American Public Health Association, Washington DC 1979.

A Short Note on Discrete Event Simulation in SAS. A. R. Brewton and D. L. Anderton, SUGI Conference, Clearwater FL 1979.

A Log-Linear Analysis of the Demographic Transition in a Nineteenth Century American Population. G. P. Mineau, D. L. Anderton, L. L. Bean and J. D. Willigan, the Pacific Sociological Association, Portland OR 1981.

A Macrosimulation approach to the Investigation of Natural Fertility. J. D. Willigan, D. L. Anderton, G. P. Mineau and L. L. Bean, the Pacific Sociological Association, Portland OR 1981.

Power, Control and Conflict: a mathematical reappraisal. D. L. Anderton, the Pacific Sociological Association, Portland OR 1981.

Polygyny and Fertility in a Natural Fertility Population: evidence from genealogical records. L. L. Bean, G. P. Mineau, J. D. Willigan and D. L. Anderton, the Population Association of America, San Diego CA 1982.

A Macrosimulation Approach to the Investigation of the Fertility Transition. D. L. Anderton, L. L. Bean, J. D. Willigan and G. P. Mineau, the American Sociological Association, San Francisco CA 1982.

A Model for Estimating Populations from Underreported Longitudinal Data. D. L. Anderton, J. Conaty and T. Pullum, the Pacific Sociological Association, San Diego CA 1982.

Assessing the Samples of Prior Organizational Research. G. A. Miller, D. L. Anderton and J. Conaty, the Pacific Sociological Association, San Jose CA 1983.

Birth Spacing Behavior in a Nineteenth Century Fertility Transition: an empirical evaluation. D. L. Anderton and L. L. Bean, the Population Association of America, Pittsburgh PA 1983.

Sterility in a Natural Fertility Population. G. P. Mineau and D. L. Anderton (with T. J. Trussell), the Population Association of America, Pittsburgh PA 1983.

Historical Epidemiology of Smallpox in Aland Finland, J. Mielke, L. Jorde, P. Trapp, D. Anderton, K. Pitkanen, and A. Eriksson, the American Association of Physical Anthropology, Philadelphia PA 1984.

Organizational Sampling, J. Conaty, D. L. Anderton and G. Miller, the Midwestern Sociological Association, Chicago IL 1984.

Intermarriage of Frontier Immigrant, Religious, and Residential Groups: An Examination of Macro-Structural Assimilation, D. L. Anderton, American Sociological Association, San Antonio TX 1984.

- Demography in the Public Domain: The Ogburn-Stouffer Center Collection and BBS, D. L. Anderton, A. Harden and T. Harness, the Population Association of America, Boston MA 1985.
- Intergenerational Transmission of Fertility Norms during a Fertility Transition, L. L. Bean, G. P. Mineau, D. L. Anderton and N. Tsuya, the Population Association of America, Boston MA 1985.
- Organizational Survivorship and Morphology: A Comparison of Ecological and Corporatist Perspectives, J. Conaty and D. L. Anderton, American Sociological Association, Washington DC 1985.
- Adoption of Birth Spacing in an American Frontier Population, D. L. Anderton, Social Science History Association, Chicago IL 1985.
- A Comparison of Parametric Birth Interval Models and Decomposition of the Gompertz Curve with an Illustrative Application to a Nineteenth Century Populations, D. L. Anderton, P. Swistak, L. L. Bean, and G. P. Mineau, Population Association of America, San Francisco CA 1986.
- Household Formation Systems and the Role of Proximate Kin, G. P. Mineau and D. L. Anderton, Population Association of America, Chicago IL 1987.
- Regional Adaptation or Geographic Diffusion: community differentiation during the onset of fertility control on the frontier, D. L. Anderton and L. L. Bean, Population Association of America, Chicago IL 1987.
- The Role of Birth Spacing in the Western U. S. Fertility Transition: further evidence on individual adjustments and a robust indicator of stopping and spacing. Invited Panel, D. L. Anderton, Social Science History Association, New Orleans LA 1987.
- The Effects of Religious Affiliation on Individual Level Fertility Adjustments over the Life Course, G. P. Mineau L. L. Bean and D. L. Anderton, Population Association of America, New Orleans LA 1988.
- An Age-Period-Cohort Analysis of the Frontier Fertility Transition, Y. Hsueh and D. L. Anderton, Population Association of America, New Orleans LA 1988.
- Reproductive Behavior and Child Survival Among Nineteenth Century Mormons, L. L. Bean, G. P. Mineau, and D. L. Anderton, invited session, Social Science History Association, Chicago IL 1988.
- Surviving Kin Proximity: A Comparison of Linked Genealogical Families and Census Households, G. P. Mineau, L. L. Bean and D. L. Anderton, Social Science History Association, Minneapolis MN 1990.
- Using Local Longitudinal Records to Estimate Transient and Resident Homeless Populations, D. L. Anderton, Fannie Mae Annual Housing Conference, Washington D.C. 1991.
- Reflections on Goldstone's Revolutions, D. L. Anderton, invited Author Meets Critics Session, American Sociological Association, Cincinnati OH 1991.

- Frontier Settlements and Reproductive Efficiency, L. L. Bean, G. P. Mineau and D. L. Anderton, International Union for the Scientific Study of Population, Conference on the Peopling of the Americas, Veracruz Mexico 1992.
- A Reanalysis of Theories of Fertility Change: Insights from the Mormon Historical Demography Project, L. L. Bean, G. P. Mineau, and D. L. Anderton, Population Association of America, Denver CO 1992.
- Parents' Family Burden Over the Life Course, G. P. Mineau, D. L. Anderton and L. L. Bean, Social Science History Association, Chicago IL 1992.
- UMASS Study of Hazardous Waste Facilities, D. L. Anderton, A. B. Anderson and J. M. Oakes, National Press Club, Washington DC April 8th 1994.
- Environmental Equity: The Demographics of Dumping, D. L. Anderton, A. B. Anderson, J. M. Oakes and M. Fraser, Population Association of America, Miami FL 1994.
- UMASS Study of Hazardous Waste Facilities, D. L. Anderton, Interfaith Council for Corporate Responsibility, New York NY September 19th 1994.
- Concerning the Evidence: What the Studies Tell Us, D. L. Anderton, Invited Address on Environmental Equity, The National Association of Manufacturers, Washington DC September 27th 1994.
- Exploring the Environmental Justice Debate, D. L. Anderton Keynote Speech National Governors' Association, Washington DC October 7th 1994.
- Death and Early Industrialization: Findings from the Connecticut River Valley - Social Demography Project, D. L. Anderton, A. Swedlund, S. Hauteniemi and B. Souza, Population Association of America, San Francisco CA 1995
- Environmental Inequity, Industrial Siting and the Structure of American Cities, J. M. Oakes, A. B. Anderson and D. L. Anderton, National Association of Environmental Professionals, Washington DC 1995.
- Environmental Equity over Time: Longitudinal Change in Communities that Host Hazardous Waste Facilities, J. M. Oakes, A. B. Anderson and D. L. Anderton, American Sociological Association, Washington DC 1995.
- Machine in the Cemetery: Early Industrialization and Death in Western Massachusetts, D. L. Anderton, A. Swedlund, S. Hauteniemi and B. Souza, Social Science History Association, Chicago IL 1995.
- Early Industrialization and Death in Western Massachusetts, S. Hauteniemi, A. Swedlund and D. L. Anderton, Population Association of America, New Orleans LA 1996.
- Patterns of Industrial Land Use and Residential Segregation in U.S. Cities, K. L. Egan, D. L. Anderton, J. M. Oakes and A. B. Anderson, Population Association of America, New Orleans LA 1996.

- The Discovery and Prioritization of Abandoned Toxic Sites: A Demographic Analysis of Superfund Sites. J. M. Oakes, D. L. Anderton and K. L. Egan, American Sociological Association, New York NY 1996.
- Environmental Equity and the Location of RCRA Hazardous Waste Facilities, P. Davidson, D. L. Anderton and E. Weber, Population Association of America, Chicago IL 1998.
- Mill Town Mortality: Consequences of Industrial Growth in Two 19th Century New England Towns, S. I. Hautaniemi, D. L. Anderton and A. Swedlund, Population Association of America, Chicago IL 1998.
- A National Environmental Equity Survey of RCRA Hazardous Materials Handling Facilities, P. Davidson, D. L. Anderton and E. Weber, Association for Public Policy Analysis and Management, New York NY 1998.
- Grammars of Death: Qualitative Semantics and Fuzzy Sets in Changing 19th Century Cause of Death Coding, Douglas L. Anderton and Susan I Hautaniemi, Population Association of America, Los Angeles CA 2000.
- Quantitative Methods and Qualitative Semantics in 19th Century Cause of Death Reporting, Douglas L. Anderton and Susan I Hautaniemi, Social Science History Association, Chicago IL 2001.
- Sewers in the City: A Case Study of Individual-Level Mortality and Public Health Initiatives in Northampton, Massachusetts at the turn of the century, Douglas L. Anderton, Susan I. Hautaniemi, Tyler Hautaniemi and Alan Swedlund, Population Association of America, Atlanta, GA 2002.
- Miasmas and Mortality: The Impact of Open Sewers in Northampton, Massachusetts at the turn of the century, Adrienne Fielding, Susan Hautaniemi, Douglas L. Anderton and Alan Swedlund, Social Science History Association, St. Louis, MO 2002.
- Epigenetic Molecular markers of Breast Cancer in Exfoliated Epithelial Cells Isolated from Breast Milk. Kathleen Arcaro, Chung Wong, Douglas L. Anderton, Margaret T. Reece, American Association for Cancer Research, Waikoloa, HI 2004.
- Family Wealth and Mortality: An Analysis of Alternative 19th Century Data Sources, Douglas L. Anderton, Jeffery K. Beemer and Susan I. Hautaniemi Leonard, International Union for the Scientific Study of Population Historical Demography Session, Salt Lake City, Utah 2005.
- A Methodological Analysis of Alternative 19th Century Sources of Family Wealth Data, Douglas L. Anderton, Jeffery K. Beemer, Susan H. Leonard and Alan Swedlund, Social Science History Association, Portland, OR 2005.
- Continents and Classifications: European Instruction of American Medical Nomenclature, Douglas L. Anderton, Susan H. Leonard, Jeffery K. Beemer and Alan Swedlund, Population Association of America, Los Angeles, CA 2006.
- Diagnostic Prescriptions: Shifting Boundaries in 19th Century Disease and Cause-of-Death Classification, Jeffery K. Beemer, Susan I. Hautaniemi Leonard, Alan Swedlund and Douglas L. Anderton, Social Science History Association, Minneapolis, MN 2006.

Round table discussion: How to Write and Publish a Journal Article: A Workshop with the Editors of Urban History, Social Science History, and the Journal of Urban History, Douglas L. Anderton, Social Science History Association, Chicago, IL 2007.

Epigenetic molecular markers of breast cancer in exfoliated cells isolated from breast milk. Chung M. Wong, Margaret T. Reece, Douglas L. Anderton, and Kathleen F. Arcaro, Proceedings of the American Association for Cancer Research Meeting Abstracts, Washington, DC, Apr 2006; 2006: 759.

Classification and the Changing Grammars of Death over the course of the American Epidemiological Transition. Jeffrey K. Beemer, Douglas L. Anderton, Susan Hautaniemi Leonard, and Alan C. Swedlund, European Social Science History Conference, Lisbon, Portugal 2008.

Social Organization and Societal Implications of Nanotechnology Research, Development and Manufacturing Collaborations, Douglas Anderton, Emily Erikson, Jennifer Geertsma and Fidan Ana Kurtulus, The Nanobank Research Conference, Cambridge, MA 2008.

Analysis of promoter hypermethylation in exfoliated epithelial cells isolated from breast milk. Chung Wong, Douglas Anderton, Sallie Smith Schneider, and Kathleen Arcaro, Proceedings of the American Association for Cancer Research Meeting Abstracts, San Diego, CA, Apr 2008; 2008: 2629

Does early pregnancy and lactation reduce age-related increases in promoter hypermethylation of breast epithelial cells, Proceedings of the American Association for Cancer Research Special Epigenetics Conference, Kathleen F. Arcaro, Chung M. Wong, Sallie Smith-Schneider, and Douglas L. Anderton, Boston, MA 2008.

Hormesis Knowledge and Opinion Survey Results, Amy C. Jones, Douglas L. Anderton, Edward J. Stanek, Edward J. Calabrese, Society of Toxicology Northeast Regional Meetings, Shrewsbury, MA 2008 and Society of Toxicology National Meetings, Baltimore, MD 2009.

Role of Pregnancy and Lactation in Inhibiting Age-Induced Promoter Hypermethylation. Avon Foundation Breast Cancer Forum. Kathleen Arcaro, Douglas L. Anderton and Sallie Schneider. Breast Cancer Prevention: Research and Strategies for the 21st Century. Miami, FL February 11-13, 2009.

Arcaro, KF, Anderton, DL, and Leiberman, T. Concern over contaminants in water and breast milk: is it justified? Water Resources Research Center 6th Annual Meeting; UMass, Amherst; April 7, 2009

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Promoter methylation analysis of separate cell populations in human breast milk is required for assessing breast cancer risk. K. E. Williams, E. P. Browne, D. L. Anderton, M. Poulin, L. Yan, K. F. Arcaro, Proceedings of the American Association for Cancer Research 102nd Meeting, Orlando, April 2011.

- Methylation in exfoliated epithelial cells from lactating women and increased risk for developing breast cancer. E. P. Browne, E. C. Punska, D. L. Anderton, S. Lenington, K. F. Arcaro, Proceedings of the American Association for Cancer Research 102nd Meeting, Orlando, April 2011.
- Detection of HMTV env sequences in hormonally dependent tissues. B. GT Pogo, H. Moran, T. Marin, A. Lee, L. Deligdisch, K. Arcaro, D. Anderton, S. Melana, J. F. Holland, Proceedings of the American Association for Cancer Research 102nd Meeting, Orlando, April 2011.
- Epigenetic changes in breast cancer cells associated with acquired tamoxifen resistance. K. E. Williams, D. L. Anderton, M. Lee, B. T. Pentecost, K. F. Arcaro, Capital Region Cancer Research Group Symposium & NY State Department of Health Internal Poster Session, Albany, NY, 2012.
- Association of TGF- β 2 Levels in Breast Milk with Breast Cancer Risk Factors. H. P. Yang, M. E. Sherman, S. S. Schneider, C. M. Chisholm, E. P. Browne, S. Mahmood, S. Lenington, D. L. Anderton, and K. F. Arcaro, Proceedings of the American Association for Cancer Research 104th Meeting, Washington D.C., April 2013.
- SKP2 overexpression is associated with increased serine-10 phosphorylation of p27 (pSer10p27) in triple-negative breast cancers. K. D. Fagan-Solis, J. M. Gozgit, B. A. Bentley, S. M. Marconi, C. N. Otis, D. L. Anderton, S. S. Schneider, B. T. Pentecost, K. F. Arcaro, Proceedings of the American Association for Cancer Research 104th Meeting, Washington D.C., April 2013.
- Promoter Methylation in Epithelial Cells Isolated from Breast Milk of Women from Istanbul, Turkey. E. P. Browne, E. C. Punska, S. E. Dinc, A. Vitrinel, G. C. Erdag, D. L. Anderton, K. F. Arcaro and B. Yilmaz, Proceedings of the American Association for Cancer Research 104th Meeting, Washington D.C., April 2013.
- Epigenetic changes in breast cancer cells associated with acquired Tamoxifen resistance. K. E. Williams, D. L. Anderton, M. E. Lee, B. T. Pentecost, K. F. Arcaro, Proceedings of the American Association for Cancer Research 104th Meeting, Washington D.C., April 2013.
- Determination of Free Bisphenol A (BPA) Concentrations in Breast Milk of U.S. Women Using a Sensitive LC/MS/MS Method. S. M. Zimmers, E. P. Browne, P. O'Keefe, D. L. Anderton, D. A. Reckhow, K. F. Arcaro, Proceedings of the American Association for Cancer Research 104th Meeting, Washington D.C., April 2013.
- Maturation Selection - Wealth Effects among Immigrant Communities and the Social Space of Emergent New England Cities in the 19th Century. S. H. Leonard, C. Robinson and D. L. Anderton, Social Science History Association, Chicago, IL 2013.
- The effects of wealth, occupation and immigration on epidemic mortality in two 19th Century Massachusetts cities. S. H. Leonard, C. Robinson, A. Dues, A. Swedlund, D. L. Anderton, Social Science History Association, Toronto, Canada 2014.
- Altered DNA methylation in breast milk from women with breast cancer. L. A. Salas S. N. Lundgren, E. P. Browne, E. C. Punska, D. L. Anderton, K. F. Arcaro, and B. C, Christian Proceedings of the American Association for Cancer Research, Washington, D.C. 2017

Text Mining Causes of Death Over the Epidemiological Transition in Two New England Towns.
D. L. Anderton, S. H. Leonard and C. Robinson, Social Science History Association,
Montreal, Canada 2017.

SPONSORED RESEARCH GRANTS & CONTRACTS:

Historical Methods Editorship, with Kenneth Sylvester **Taylor & Francis** 6/2017-6/2022

Diet Intervention to Reduce Breast Cancer Risk in Hispanic/Latina Women in Western
Massachusetts with Kathleen Arcaro (PI) **Keep A Breast Foundation** 4/1/2012-3/31/2014

Epigenetics of Breast Cancer in African American Women, with Kathleen Arcaro (PI) **Avon
Foundation** 7/1/2012-7/1/2014

Strengthening Qualitative Research through Methodological Innovation and Integration: A
Longitudinal Analysis of Human Mortality, with Susan Leonard (Co-PI) **National Science
Foundation** 7/1/2010-10/1/2011 Extension 10/1/2011-4/1/2012

Investigation of DNA Methylation in Tamoxifen-Resistant Estrogen Receptor-Negative and
Estrogen Receptor-Positive Breast Cancer, with Kathleen Arcaro and Kristin Paczkowski,
Rays of Hope Baystate Foundation 7/1/2010-7/1/2011

Impact of Environmental Estrogens on Epigenetics: Bisphenol A in Breast Milk and Promoter
Methylation of Exfoliated Breast Epithelial Cells , with Kathleen Arcaro and David Reckhow
(Co-PIs) **Avon Foundation** 7/1/2010-6/30/2012

Environmental Impacts on Epigenetics: Bisphenol A and Promoter Methylation, with Kathleen
Arcaro and David Reckhow (Co-PIs) **Rays of Hope Baystate Foundation** 7/1/2009-
7/1/2010

Descriptive Biomarkers for Assessing Breast Cancer Risk, with Kathleen Arcaro (PI) and Sarah
Lenington, **Department of Defense** 10/01/2008-9/30/2010

Role of Pregnancy and Lactation in Inhibiting Age-Induced Promoter Hypermethylation, with
Kathleen Arcaro (Co-PI), **Avon Foundation** 10/31/2006-10/31/2008, *Supplemental
Extension* 10/31/2008-6/30/2010

Nanoparticle Models and New Analytical Methods to Study the Bioavailability and Toxicity of
Nanomaterial, with Richard Vachet (PI) et al., competitive sub-grants **National Science
Foundation/CHM Grant** 9/1/2008-8/31/2009

NSEC: Center for Hierarchical Manufacturing (Nanotechnology), Social Science Component,
Tom Russell and Mark Tuominen (PIs), **National Science Foundation** 6/1/2006-1/1/2008.
Renewal to 2011.

Grammars of Death: 19th Century Literal Causes of Death, with Susan Hautaniemi (Co-PI), Alan
C. Swedlund and Myron Gutmann, **National Institutes of Health** 1/1/2004-12/31/2007

Social Science History Editorship, **Social Science History Association** 7/1/2006-6/31/2009.
Renewal to 2011.

Wealth and Health: Nineteenth Century Mortality in Emergent New England Mill Towns, with Alan C. Swedlund (Co-PI), **National Science Foundation** 6/1/2000-12/31/2003

Women's Use of Medication: Identifying Patterns and Problematic Use, with Lynette Leidy Sievert (PI), **World Health Organization** 5/1/2001-8/31/2001

ASA Rose Series Editorship, **American Sociological Association** 7/1/2000-6/31/2005

A National Evaluation of Equity in Hazardous Waste Sites, **Environmental Protection Agency**, 5/23/95 - 5/23/97.

Publication Grant, with Richard Barrett and Donald Bogue, **Macmillan**, 7/94 - 7/96.

Connecticut River Valley Historical Mortality and Early Industrialization, with Alan Swedlund (Co-PI) **National Science Foundation** 7/93-7/95. *Supplement Awarded* 3/95.

Toxic Waste Site Demography, Andy Anderson Co-Investigator **WMX** 7/92 - 10/94.

Population Research Methodologies, Donald Bogue and Edwardo Arriaga Co-Investigators, **UNFPA** 8/89 - 12/92.

Counting the Homeless, Peter Rossi Co-Investigator, **FannieMae** 10/90 - 5/91

Population Studies of Mormon Genealogies, Lee L. Bean and G. P. Mineau Co-Investigators, **National Institutes of Health** 9/84 - 9/87. *Competing renewal* 9/87 - 9/88.

Population Studies of Mormon Genealogies, Lee L. Bean PI, **National Institutes of Health** 12/80 - 9/84.

INTERNAL GRANTS AND SMALL CONTRACTS:

Survey of Amherst Senior and Midlife Population - Town of Amherst 2009-2010.

Conference on Ethics in the Social Sciences - Graduate School Grant 2003-05 U. Mass.

Evaluation of Intellectual Property Policies - Contract 2001 U. Mass. ORA

Evaluation of Vocational Education Programs - Contract 2000 Holyoke School System.

Labor Demand & Supply in the Information Tech Sector - Public Service Grant 1999-2000 U. Mass.

Zoning and Land Use in the United States (w/ Peter Rossi) - Faculty Research Grant 1997-98 U. Mass.

Peer Influence & Stochastic Models of Behavioral Diffusion - Faculty Research Grant 1989-90 U. Mass.

Intergenerational Influences in Traditional Urban Chinese Households - PHS 1989-91 U. Mass.

LLINFREQ: An Algorithm for Log-Linear Hazard Models, SDC (Contract **USAID**) 1988 - 89.

Family and Household Formation on the Frontier - PHS 1987-88 U. Chicago

Demography of Traditional Urban Chinese Households - Divisional Research Grant 1986-88 U. Chicago

Demographic Parameterized Waiting Time Models - PHS 1984-87 U. Chicago

Historical Impact of Compulsory Education on Fertility - **Spencer Foundation** 1985-86 U. Chicago

Population Studies and Mathematical Modeling with Genealogical Data - Divisional Research Grant 1983-84 U. Chicago

Quality of Care and Pregnancy Outcomes related to Physician and Patient Characteristics - PHS 1983-84 U. Chicago