

## Susan Hautaniemi Leonard

Assistant Research Scientist  
Inter-university Consortium for Political and Social Research  
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### Education

ICPSR Summer Training Program in Quantitative Methods of Social Research.  
Spatial Analysis: Introduction 2002 and Spatial Regression Analysis 2002  
PhD, Anthropology, University of Massachusetts Amherst, with Distinction,  
“Demography and Death in Emergent Industrial Cities of New England,” 2002  
MA, Anthropology, University of Massachusetts Amherst, 1992  
BA, Anthropology, University of Massachusetts Amherst, *Cum Laude*, 1990

### Positions

Assistant Research Scientist, Inter-university Consortium for Political and Social Research,  
2006-present  
Research Affiliate, Populations Studies Center, University of Michigan, 2004-present  
Research Investigator, Inter-university Consortium for Political and Social Research, 2003-  
2005  
Research Fellow, Population Research Center and Inter-university Consortium for Political  
and Social Research, University of Michigan, 2001-2003

### Grants

National Institutes of Health, “Demographic Analysis of Longitudinal Historical Data.”  
2005-2007. Co-Project Manager. Total Direct Costs: \$266,636.  
National Institutes of Health, “Grammars of Death: 19<sup>th</sup> Century Literal Causes of Death  
from the Age of Miasmus to Germ Theory.” 2004-2006. Principal Investigator,  
Subcontract. Total Direct Costs: \$720,815.  
National Institutes of Health, “Population, Land Use and Health in Frontier Regions.” 2004-  
2006. Investigator. Total Direct Costs: \$150,000.  
National Institutes of Health, “Demography and Environment in Grassland Settlement.”  
2003-2007. Investigator. Total Direct Costs: \$1,239,065.

### Honors/Awards/Fellowships

American Association of University Women American Fellowship, 2000  
University of Massachusetts Graduate Fellowship, 1999  
University of Massachusetts Graduate School Travel Grant, 1999  
Phi Beta Kappa, 1990

## Publications

- Sylvester, Kenneth M., Susan Hautaniemi Leonard, Myron P. Gutmann, and Geoff Cunfer. "Demography and Environment in Grassland Settlement: Using Linked Longitudinal and Cross-Sectional Data to Explore Household and Agricultural Systems." Forthcoming in *History and Computing*.
- Beemer, Jeffrey K., Douglas L. Anderton and Susan Hautaniemi Leonard. "Sewers in the City: A Case Study of Individual-Level Mortality and Public Health Initiatives in Northampton, Massachusetts at the Turn of the Century." *Journal of the History of Medicine and the Allied Sciences*. 60(1):42-72. 2005
- Anderton, Douglas L. and Susan Hautaniemi Leonard. "Grammars of Death: An Analysis of Nineteenth-Century Literal Causes of Death from the Age of Miasmas to Germ Theory." *Social Science History* 28(1):111-143 .2004
- Hautaniemi, Susan I. and Deborah L. Rotman. "To the Hogs? Or to the House?: Municipal Water and Gender Relations." In *Shared Spaces and Divided Places: Exploring the Material and Spatial Dimensions of Gender Relations and American Historical Landscapes*, Deborah L. Rotman and Ellen R. Savulis, eds. University of Tennessee Press: Knoxville, TN. 2003
- Sievert, Lynnette Leidy and Susan I. Hautaniemi. "Age at Menopause in Puebla, Mexico." *Human Biology* 75(2):205-226. 2003
- Hautaniemi, Susan I. and Lynnette Leidy Sievert. "Risk Factors for Hysterectomy among Mexican American Women in the US Southwest." *American Journal of Human Biology* 15:38-47. 2003
- Hautaniemi, Susan I., Douglas L. Anderton and Alan C. Swedlund. "Methods and Validity of Record Linkage: Matching 1850-1912 Census and Death Records in Two Massachusetts Towns." *Historical Methods* 33:1. 2000
- Hautaniemi, Susan I., Alan C. Swedlund and Douglas L. Anderton. "Mill Town Mortality: Consequences of Industrial Growth in Two Nineteenth-Century New England Towns." *Social Science History* 23:1. 1999
- Hautaniemi, Susan I. "Technology, Women's Labor and Compensation." In *Population of the United States*, Douglas L. Anderton, Richard C. Barrett and Donald J. Bogue (eds.). Free Press: New York, NY. 1997
- Paynter, Robert, Susan Hautaniemi and Nancy Ladd Muller. "The Landscapes of the W.E.B. Dubois Boyhood Homesite: An Agenda for an Archaeology of the Color Line." In *Race*, Roger Sanjek and Steven Gregory, eds. Rutgers University Press. 1994
- Hautaniemi, Susan. "Race, Gender and Health at the W.E.B. DuBois Boyhood Homesite." *Bulletin of the Massachusetts Archaeological Society* 55:1. 1994

## Conference Papers

- "Lady Farmers of Kansas: Gender on an agricultural frontier." *Society for Historical Archaeology*. 2006
- "Variation in Household Composition on the Moving Kansas Frontier," with Myron P. Gutmann. *Social Science History Association*. 2005
- "A plurality of practices: Order and dis-order in the treatment and classification of disease in New England, 1830-1910," with Alan Swedlund and Alanna Rudzik. *Social Science History Association*. 2005

- “Family Wealth, Mortality and Immigration in Two Emergent Industrial Communities of 19th Century Massachusetts, with Douglas L. Anderton and Jeffrey K. Beemer. *IUSSP International Seminar on Kinship and Demographic Behavior*. 2005
- “Isolated Elderly in the U.S. Great Plains: The Roles of Environment and Demography in Creating a Vulnerable Population,” with Myron P. Gutmann. *IUSSP International Seminar on Vulnerable Populations*.
- “Grammars of Death: 19th-Century Literal Causes of Death from the Age of Miasmus to Germ Theory.” Population Studies Center Brown Bag. University of Michigan. 2005
- “‘The farm should provide our retirement.’ Land-use plans in the aging farm population of the U.S. Great Plains,” with Myron P. Gutmann. *Social Science History Association*. 2003
- “Death in a Mill Town: Mortality in emergent industrial cities of New England,” with Alan C. Swedlund. *American Association of Physical Anthropologists*. 2003
- “‘Hard-Working Polish Take Over Massachusetts Agriculture:’ Ethnic Conflict and the Transformation of Polish Immigrant Farm Hands into Farm Proprietors.” *Society for Historical Archaeology*. 2003
- “Home Alone on the Prairie: Perceptions of Future Community in the Graying Great Plains.” *American Anthropological Association*. 2002
- “Miasmas and Mortality: The Impact of Open Industrial Sewers in Northampton, Massachusetts at the turn of the century,” with Douglas L. Anderton, Alan Swedlund, and Adrienne Fielding. *Social Science History Association*. 2002
- “Plain Gray: Enclaves, Havens and Abandoned Elderly Communities,” with Myron P. Gutmann. *Social Science History Association*. 2002
- “Sewers in the City: A Case Study of Individual-Level Mortality and Public Health Initiatives in Northampton, Massachusetts at the Turn of the Century,” with Douglas L. Anderton, Tyler W. Hautaniemi, and Alan C. Swedlund. *Population Association of America*. 2002
- “Age at Menopause in Puebla, Mexico: Methodological Considerations,” with Lynnette Leidy Sievert. *American Association of Physical Anthropologists*. 2002
- “Wealth and Health: Nineteenth-Century Mortality in New England Mill Towns,” with Adrienne Fielding. *Social Science History Association*. 2001
- “Wealth and Health: Nineteenth-Century Infant and Childhood Mortality in New England Mill Towns,” with Alan Swedlund and Adrienne Fielding. *Population Association of America*. 2001
- “Fractured Factory Tales: The Demographics of Diversity in Nineteenth-Century New England’s Female Industrial Workers.” *Social Science History Association*. 2000
- “Grammars of Death: Qualitative Semantics and Fuzzy Sets in Changing 19-20th Century Cause of Death Reporting,” with Douglas L. Anderton. *Population Association of America*. 2000
- “To the Hogs? Or to the Homestead?: Municipal Water and Gender Relations at the Moors Site in Deerfield, Massachusetts,” with Deborah L. Rotman. *Society for Historical Archaeology*. 2000
- “A Living Ell: Servant and Farm Labor Architecture in Nineteenth-Century New England.” *Society for American Archaeology*. 1999
- “Consequences of Population Growth in Two Nineteenth-Century Mill Towns: A Mortality Analysis,” *American Anthropological Association*. 1998

- “Mill Town Mortality: Consequences of Industrial Growth in Two Nineteenth-Century New England Towns.” *Population Association of America*. 1998
- “Early Industrialization and Death.” *Population Association of America*. 1996
- “Early Industrialization and Death in Western Massachusetts, Preliminary Results.” *Social Science History Association*. 1995
- “Archaeology, Architecture and Artifacts: Critical Approaches to Interpreting the Past,” session organizer, with Claire Carlson. *Society for American Archaeology*. 1995
- “Fielding a Critical Archaeology.” *Society for American Archaeology*. 1995
- “‘I Allow Myself No Anxiety:’ An Experience of Nineteenth-Century Health Reform.” *Northeastern Anthropological Association*. 1995
- “Death and the Machine: The Connecticut River Valley Social Demography Project,” with Elizabeth Souza. *Population Association of America*. 1995
- “Critical Interpretations of the Past and their Presentation,” session organizer, with Claire Carlson. *Northeastern Anthropological Association*. 1994
- “Beginning at Moors: Melding Research Agendas.” *Northeastern Anthropological Association*. 1994
- “Using Archeology to Talk About Race.” *Conference of Northeastern Archaeologists*. 1993
- “Action Chains: Adding Context to Behavioral Archaeology.” *Northeastern Anthropological Association*. 1992
- “Health, Race and Gender at the W.E.B. DuBois Boyhood Homesite.” *Society for Historical Archaeology*. 1992

### Teaching

- Teaching Assistant, Research Methods in Anthropology, University of Massachusetts Amherst, 1999
- Teaching Assistant, Introduction to Physical Anthropology, University of Massachusetts Amherst, 1998
- Teaching Assistant, Introduction to Physical Anthropology, University of Massachusetts Amherst, 1996
- Field Director, University of Massachusetts Amherst Field School, Moors Homelot, Historic Deerfield, Inc., 1996
- Field Director, University of Massachusetts Amherst Field School, Moors Homelot, Historic Deerfield, Inc., 1994
- Teaching Assistant, Introduction to Archaeology and Prehistory, University of Massachusetts Amherst, 1993
- Teaching Assistant, University of Massachusetts Amherst Field School, E.H. Williams Homelot, Historic Deerfield, Inc., 1992

### Research

- Investigator, “Demographic Analysis of Longitudinal Historical Data.” Myron Gutmann, Principal Investigator. Funded by the National Institutes of Health. 2005-2007
- Investigator, “Population, Land Use and Health in Frontier Regions: Ronald Rindfuss, Principal Investigator. Funded by the National Institutes of Health. 2004-2006
- Principal Investigator, University of Michigan Subcontract. “Grammars of Death: 19<sup>th</sup> Century Literal Causes of Death from the Age of Miasmus to Germ Theory.” Douglas L. Anderton, University of Massachusetts Project Principal Investigator. Funded by the National Institutes of Health. 2004-2006

Investigator, “Demography and Environment in Grasslands Settlement.” Kenneth M. Sylvester, Principal Investigator. Funded by the National Institutes of Health. 2003-2007

Post-doctoral Research Fellow, “Great Plains Population and Environment Project.” Myron P. Gutmann, Principal Investigator. Funded by the National Institutes of Health. 2001-2003

Post-doctoral Research Fellow, National Institutes of Aging postdoctoral program, Population Studies Center, University of Michigan. 2001-2003

Graduate Research Assistant, “Wealth and Health: Nineteenth-Century Mortality in Emergent New England Mill Towns.” Alan Swedlund and Douglas Anderton, Co-Principal Investigators. Funded by the National Science Foundation. 2000-2001

Graduate Research Assistant, “Variation in Hysterectomy Rates Across Ethnic Groups within the United States: Biology, Language and Culture.” Lynette Leidy Sievert, University of Massachusetts Amherst, Project Director. 1999

Graduate Research Assistant, Healy Faculty Grant to Alan Swedlund. 1999

Demographic/Statistical Assistant for preparation of *Demography: The Study of Human Population (Second Edition)*, David Yaukey and Douglas Anderton, for Waveland Press. 1998

Demographic consultant (MRCGroup Inc., Gallup Inc., etc.). 1996-2002

Principal Investigator, Dwight Homelot Survey, Deerfield, Massachusetts. Funded by Historic Deerfield, Inc. 1996

Project Archaeologist and Field Director. Moors Homelot, Deerfield, MA. 1996. Funded by the Anthropology Department, University of Massachusetts Amherst and Historic Deerfield, Inc.

Project Archaeologist and Field Director. Moors Homelot, Deerfield, MA. 1994. Funded by the Anthropology Department, University of Massachusetts Amherst and Historic Deerfield, Inc.

Graduate Research Assistant, NSF Grant “Social Class and Mortality in Nineteenth-Century Connecticut River Valley,” Alan Swedlund and Douglas Anderton, Co-Principal Investigators. Funded by the National Science Foundation. 1993-1996

Principal Investigator, Moors Homelot Survey, Deerfield, Massachusetts. Funded by Historic Deerfield, Inc. and the University of Massachusetts. 1992

Graduate Research Assistant to Alan C. Swedlund, Chair, University of Massachusetts Amherst, Department of Anthropology. 1991-1993

### Memberships

American Anthropological Association  
Population Association of America  
Social Science History Association  
American Association of University Women  
Phi Beta Kappa