

SHARON L. HARLAN
Curriculum Vitae

Department of Health Sciences and Department of Sociology and Anthropology
Northeastern University
360 Huntington Avenue, INV 336
Boston, Massachusetts 02115

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CURRENT POSITIONS

Professor of Health Sciences and Sociology, Northeastern University
Affiliated Faculty, School of Geographical Sciences and Urban Planning, Arizona State University

AREAS OF SPECIALIZATION

Environmental Sociology
Social Inequalities, Class, Gender, Race, Disability
Sociology of Work and Organizations
Survey Research

PREVIOUS PROFESSIONAL POSITIONS

Professor (Associate to Full), School of Human Evolution & Social Change, Arizona State University (ASU), 2006-2015
Senior Sustainability Scientist, Global Institute of Sustainability, ASU, 2010-2015
Associate Professor, Department of Sociology, ASU, 1998-2005
Research Associate Professor, Department of Health Policy and Management, School of Public Health, State University of New York (SUNY) Albany, 1995-1997
Director of Research, Center for Women in Government, Rockefeller College of Public Affairs and Policy, SUNY Albany, 1989-1995
Research Coordinator, Medicaid Reform Research and Demonstration Project, New York State Office of Mental Retardation and Developmental Disabilities, 1988-1989
Research Associate, Center for Social and Demographic Analysis, SUNY Albany, 1984-1988
Research Associate, Center for Research on Women, Wellesley College, 1979-1984

EDUCATION

Ph.D. Cornell University, Sociology, 1979
M.A. Cornell University, Sociology, 1976
B.A. Northeastern University, Sociology, 1972 (summa cum laude)

PUBLICATIONS

Peer-Reviewed Journal Articles (*student co-author)

Smith, V.K., S.L. Harlan, M. McLaen, *J. Fishman, *C. Valcarcel, M.L. Nation. "Using Household Surveys to Implement Field Experiments: The Willingness to Donate to Foodbanks." (in press) *Applied Economic Letters*. doi=10.1080/13504851.2015.1125423

Jenerette, G.D., S.L. Harlan, A. Buyantuev, W.L. Stefanov, J. Delet-Barreto, B.L. Ruddell, S.W. Myint, S. Kaplan, X. Li. (2016) "Micro Scale Urban Surface Temperatures Are Related to Land

Cover Features and Residential Heat-Related Health Impacts in Phoenix, AZ USA.” *Landscape Ecology* 31: 745-760. doi 10.1007/s10980-015-0284-3

Petitti, D.B., D. Hondula, S. Yang, S.L. Harlan, and G. Chowell. (2016) “Multiple Trigger Points for Quantifying Heat-Health Impacts: New Evidence from a Hot Climate.” *Environmental Health Perspectives* 124(2): 176-183.

Li, X., W. Li, A. Middel, S.L. Harlan, A.J. Brazel, B.L. Turner II. (2016) “Remote Sensing of the Surface Urban Heat Island and Land Architecture in Phoenix, Arizona: Combined Effects of Land Composition and Configuration and Cadastral-Demographic-Economic Factors.” *Remote Sensing of Environment* 174: 233-243.

Harlan, S.L., G. Chowell, *S. Yang, *E. Morales, D.B. Petitti, B.L. Ruddell, D.M. Ruddell. (2014) “Heat-Related Deaths in Hot Cities: Estimating Human Tolerance to High Temperatures.” *International Journal of Environmental Research and Public Health* 11(3):3304-3326. doi: 10.3390/ijerph110303304.

Grossman-Clarke, S., S. Schubert, T.R. Clarke, S.L. Harlan. (2014) “Extreme Summer Heat in Phoenix, Arizona (U.S.A.) under Global Climate Change.” (2041-2070).” *DIE ERDE* 145 (1-2): 105-117.

*Ouyang, Y., E. Wentz, B. Ruddell, and S.L. Harlan (2014) “A Multi-Scale Analysis of the Relationship of Single-Family Water Use with Its Determinants in the Phoenix Metropolitan Area.” *Journal of the American Water Resources Association*. 50(2):448-467. doi: 10.1111/jawr.12133.

*Declét-Barreto, J.H, A.J. Brazel, W. Chow, C.A. Martin, and S.L. Harlan (2013) “Creating the Park Cool Island in an Inner-City Neighborhood: Heat Mitigation Strategy for Phoenix, Arizona.” *Urban Ecosystems* 16 (3):617-635.

Harlan, S.L., *J.H. Declét-Barreto, W.L. Stefanov, and D.B. Petitti (2013) “Neighborhood Effects on Heat Deaths: Social and Environmental Predictors of Vulnerability in Maricopa County, Arizona.” *Environmental Health Perspectives* 121 (2):197-204.

Petitti, D.B., S.L. Harlan, G. Chowell-Puente, D. Ruddell (2013) “Occupation and Environmental Heat- Associated Deaths in Maricopa County, Arizona: A Case-Control Study.” *PLOS ONE* 8(5): e62596. doi:10.1371/journal.pone.0062596.

*Ruddell, D.M, S.L. Harlan, S. Grossman-Clarke, and G. Chowell (2012) “Scales of Perception: Public Awareness of Regional and Neighborhood Climates.” *Climatic Change* 111 (3-4):581-607.

Jenerette, G.D., S.L. Harlan, W.L. Stefanov, and C.A. Martin (2011) “Ecosystem Services and Urban Heat Riskcape Moderation: Water, Green Spaces, and Social Inequality in Phoenix, USA.” *Ecological Applications* 21(7):2637-2651.

- Harlan, S.L. and *D.M. Ruddell (2011) "Climate Change and Health in Cities: Impacts of Heat and Air Pollution and Potential Co-Benefits from Mitigation and Adaptation." *Current Opinion in Environmental Sustainability* 3:126-134.
- Larson, K.L., A. Wutich, D. White, *T.A. Muñoz-Erickson, and S.L. Harlan (2011) "Cultural Perspectives on Water Risks and Policies in a Southwestern City." *Human Ecology Review* 18 (1):75-87.
- *Bleasdale, T., *C. Crouch, and S.L. Harlan (2011) "Community Gardening in Disadvantaged Neighborhoods in Phoenix, Arizona: Aligning Programs with Perceptions." *Journal of Agriculture, Food Systems, and Community Development*. doi:10.5304/jafscd.2011.013.007
- Collins, S.L., S.R. Carpenter, S.M. Swinton, D. Ornstein, D.L. Childers, T.L. Gragson, N.B. Grimm, J.M. Grove, S.L. Harlan, A.K. Knapp, G.P. Kofinas, J.J. Magnuson, W.H. McDowell, J.M. Melack, L.A. Ogden, G.P. Robertson, M.D. Smith, and A.C. Whitmer (2011) "An Integrated Framework for Socio-Ecological Research." *Frontiers in Ecology and the Environment* 9(6):351-357.
- York, A., M.E. Smith, *B. Stanley, B. Stark, *J. Novic, S.L. Harlan, G. Cowgill, and C.G. Boone (2011) "Ethnic and Class-Based Clustering through the Ages: A Transdisciplinary Approach to Urban Social Patterns." *Urban Studies* 48 (11):2399-2415.
- Harlan, S.L., S. Yabiku, L. Larsen, and A. Brazel (2009) "Household Water Consumption in an Arid City: Affluence, Affordance, and Attitudes." *Society and Natural Resources* 22:691-709.
- Larson, K., D. Casagrande, S.L. Harlan, and S. Yabiku (2009) "Residents' Yard Choices and Rationales in a Desert City: Social Priorities, Ecological Impacts, and Decision Tradeoffs." *Environmental Management* 44:921-937.
- Larson, K.L., D. White, P. Gober, S.L. Harlan, and A. Wutich (2009) "Divergent Perspectives on Water Resource Sustainability in a Public-Policy-Science Context." *Environmental Science and Policy* 12:1012-1023.
- Harlan, S.L., A. Brazel, *G.D. Jenerette, *N.S. Jones, L. Larsen, *L. Prashad, and W.L. Stefanov (2008) "In the Shade of Affluence: The Inequitable Distribution of the Urban Heat Island." *Research in Social Problems and Public Policy* 15: 173-202.
- *Jenerette, G.D., S.L. Harlan, A. Brazel, *N. Jones, L. Larsen, and W.L. Stefanov (2007) "Regional Relationships between Vegetation, Surface Temperature, and Human Settlement in a Rapidly Urbanizing Ecosystem." *Landscape Ecology* 22: 353-365.
- Harlan, S.L., A. Brazel, *L. Prashad, W.L. Stefanov, and L. Larsen (2006) "Neighborhood Microclimates and Vulnerability to Heat Stress." *Social Science & Medicine* 63: 2847-2863.
- Robert, P.M. and S.L. Harlan (2006) "Mechanisms of Disability Discrimination in Large Bureaucratic

- Organizations: Ascriptive Inequalities in the Workplace.” *The Sociological Quarterly* 47:599-630.
- Larsen, L. and S.L. Harlan (2006) “Desert Dreamscapes: Residential Landscape Preference and Behavior.” *Landscape and Urban Planning* 78:85-100.
- Kirby, A., S.L. Harlan, B. Bolin, E. Hackett, D. Hope, L. Larsen, A. Nelson, T. Rex, and S. Wolf (2006) “Examining the Significance of Housing Enclaves in the Metropolitan United States of America.” *Housing, Theory and Society* 23:19-33.
- Larsen, L., S.L. Harlan, R. Bolin, E.J. Hackett, D. Hope, A. Kirby, A. Nelson, T. Rex, and S. Wolf (2004) “Bonding and Bridging: Understanding the Relationship between Social Capital and Civic Action.” *Journal of Planning Education and Research* 24: 64-77.
- Stefanov, W.L., *L. Prashad, *C. Eisinger, A. Brazel, and S.L. Harlan (2004) “Investigation of Human Modifications of Landscape and Climate in the Phoenix Arizona Metropolitan Area Using MASTER Data.” *The International Archives of the Photogrammetry, Remote Sensing, and Spatial Information Sciences* 35 (B7):1339-1347.
- Harlan, S.L. and P.M. Robert (1998) “The Social Construction of Disability in Organizations: Why Employers Resist Reasonable Accommodation.” *Work and Occupations* 25 (4):397-435.
- Saidel, J.R. and S.L. Harlan (1998) "Contracting and Patterns of Nonprofit Governance." *Nonprofit Management and Leadership* 8 (3):243-259.
- Harlan, S.L. and J.R. Saidel (1994) "Nonprofit Boards of Directors in Third-Party Government." *Nonprofit Management and Leadership* 5 (2):173-196.
- Trent, K. and S.L. Harlan (1994) "Teenage Mothers in Nuclear and Extended Households: Differences by Marital Status and Race/Ethnicity." *Journal of Family Issues* 15 (2):309-337.
- Trent, K. and S.L. Harlan (1990) "Household Structure among Teenage Mothers in the United States." *Social Science Quarterly* 71 (3):439-457.
- Harlan, S.L. (1989) "Opportunity and Attitudes Toward Job Advancement in a Manufacturing Firm." *Social Forces* 67 (3):766-788.
- Harlan, S.L. and E.J. Hackett (1985) "Federal Job Training Programs and Employment Outcomes: Effects by Sex and Race of Participants," *Population Research and Policy Review* 4:235-265.
- Harlan S.L. and B. O'Farrell (1982) "After the Pioneers: Prospects for Women in Nontraditional Blue-Collar Jobs." *Work and Occupations* 9 (3):363-386.
- O'Farrell, B. and S.L. Harlan (1982) "Craftworkers and Clerks: The Effect of Male Co-Worker Hostility on Women's Satisfaction with Non-Traditional Jobs." *Social Problems* 29 (3):252-

Harlan, S.L. (1981) "The Social Context of Employment Choice: Women in CETA." *The New England Sociologist* 3 (1):32-45.

Peer-Reviewed Book Chapters (*student co-author)

Harlan, S.L., D.N. Pellow, and J.T. Roberts with S.E. Bell, W.G. Holt, and J. Nagel (2015) "Climate Injustice and Inequality: Insights from Sociology." Pp. 127-163 in *Climate Change and Society: Sociological Perspectives*, R.E. Dunlap and R.J. Brulle (eds.) Oxford University Press.

Grimm, N.L., C.L. Redman, C.G. Boone, D.L. Childers, S.L. Harlan, and B.L. Turner (2013) "Viewing the Urban Socio-ecological System through a Sustainability Lens: Lessons and Prospects from the Central Arizona-Phoenix LTER Programme." Pp. 217-246 in *Long-Term Sociological Research: Studies in Society – Nature Interactions across Temporal and Spatial Scales*, S.J. Singh, H. Haberl, M. Chertow, M. Mirtl, M. Schmidt (eds.). Springer.
doi10.1007/978-94-007-1177-8_10

Warren, P.S., S.L. Harlan, C. Boone, *S B. Lerman, E. Shochat, and A.P. Kinzig (2010) "Urban Ecology and Human Social Organisation." Pp. 172-201 in *Urban Ecology*, K.J. Gaston (ed.). Cambridge, UK: Cambridge University Press and the British Ecological Society.

*Ruddell, D.M., S.L. Harlan, S. Grossman-Clarke, and *A. Buyantuev (2010) "Risk and Exposure to Extreme Heat in Microclimates of Phoenix, AZ." Pp. 179-202 in *Geospatial Techniques in Urban Hazard and Disaster Analysis*, P. Showalter and Y. Lu (eds). New York: Springer-Verlag.

Harlan, S.L. and R.J. Steinberg (1989) "Job Training for Women: The Problem in a Policy Context." Chapter 1 in *Job Training for Women: The Promise and Limits of Public Policies*, Harlan and Steinberg (eds.), Philadelphia, PA: Temple University Press.

Harlan, S.L. (1989) "Women and Federal Job Training Policy." Chapter 2 in *Job Training for Women: The Promise and Limits of Public Policies*, Harlan and Steinberg (eds.), Philadelphia, PA: Temple University Press.

Markham, W.T., S.L. Harlan, and E.J. Hackett (1987) "Promotion Opportunity in Organizations: Causes and Consequences." Pp. 223-287 in *Research in Personnel and Human Resources Management, Volume 5*, K.M. Rowland and G.R. Ferris (eds.), Greenwich, CT: JAI Press.

Harlan, S.L. (1985) "Federal Job Training Policy and Economically Disadvantaged Women." Pp. 282-310 in *Women and Work: An Annual Review, Volume I*, L. Larwood, A. Stromberg, and B. Gutek (eds.), Beverly Hills, CA: Sage.

O'Farrell, B. and S.L. Harlan (1984) "Job Integration Strategies: Today's Programs and Tomorrow's Needs." Pp. 267-291 in *Sex Segregation in the Workplace: Trends, Explanations, Remedies*, B.F. Reskin (ed.), Washington, D.C.: National Academy Press.

Book

Harlan, S.L. and R.J. Steinberg (eds.) (1989) *Job Training for Women: The Promise and Limits of Public Policies*, Philadelphia, PA: Temple University Press. 572 pp.

Articles Under Review (*student co-author)

Declat-Barreto, J., S.L. Harlan, D.B. Petitti, B.L. Ruddell. "A Socio-Spatial Vulnerability Model of the Urban Heat Island: Exposure, Sensitivity, and Health Impacts of High Temperatures."

Hondula, D.M., S. Yang, B.L. Ruddell, S.L. Harlan D.B. Petitti,. "Optimizing Exposure Variable Selection for Heat-Health Risk Assessment: A Case Study in Maricopa County, Arizona, USA."

Articles in Preparation (*student co-author)

Harlan, S.L., T. Lakes, *A. Hagy-Ferguson, *S. Osenberg. "Vulnerability to Urban Heat Stress in Two Climates: The Importance of Social Surveys in Discerning Perceptions of Risk and Resilience in Berlin, Germany and Phoenix, USA."

Harlan, S.L., G. Chowell, S. Yang, D. Petitti, D. Hondula. "Health Consequences of Extreme Heat for Native Americans and African Americans."

Ruddell, B.L, S.L. Harlan, D. Hondula, A. Jamison, D.B. Petitti, D.M. Ruddell, S. Yang. "An Outcomes-Based Heat Information System Prototype for Phoenix, Arizona."

RESEARCH GRANTS

National Science Foundation, Co-Investigator and Principle Investigator on Northeastern sub-award. "Sustainability Research Network: Urban Water Innovation Network (U-WIN): Transitioning Toward Sustainable Urban Water Systems" (Supplement: "Social Equity and Environmental Justice in Urban Water Systems" with Colorado State University (PI: Mazdak Arabi) and Michigan State University (co-PI Elizabeth Mack)). Award No. 1444758, 2015-2020, \$597,836.

National Science Foundation, Co-investigator. "Hazards SEES: Enhancing Emergency Preparedness for Critical Infrastructure Failure During Extreme Heat Events." Georgia Institute of Technology (PI: Brian Stone), Arizona State University, and University of Michigan. Award No. 1520803, 2015-2019, ~\$950,000.

National Science Foundation, Co-Principal Investigator. "Service Access in Premodern Cities." Award No. 1260344, 2013-2016, \$404,674.

National Science Foundation, Co-Principal Investigator. Central Arizona - Phoenix Long-Term Ecological Research Project, Phase 3: "Urban Sustainability in the Dynamic Environment of Central Arizona," BCS-1026865. 2011-2016, \$5,640,000.

National Science Foundation, Principal Investigator. "Urban Vulnerability to Climate Change: A System Dynamics Analysis." (Coupled Natural-Human Systems Program), GEO 0816168, 2008 – 2014, \$1,439,610. Endorsed by Urbanization and Global Environmental Change, a Core Project of the International Human Dimensions Program.

National Science Foundation, Co-Principal Investigator and Project Director, Central Arizona - Phoenix Long-Term Ecological Research Project Supplemental Grant for: The Phoenix Area Social Survey: Increasing the Participation of Minority and Low Educational Attainment Households." 2010-2011, \$19,994.

ASU, School of Human Evolution and Social Change, Co-Principal Investigator. "Late Lessons from Early History – Urban Organization through the Ages: Neighborhoods, Open Spaces and Urban Life." 2008-2011, \$375,661.

National Science Foundation, Co-Principal Investigator. "Central Arizona - Phoenix Long-Term Ecological Research Project, Phase 2," DEB-0423704, 2004-2010, \$5,021,000.

National Science Foundation, Co-Principal Investigator and Project Director, Central Arizona - Phoenix Long-Term Ecological Research Project Supplemental Grants for: "Collaborative Social Science: The Phoenix Area Social Survey." 2004-2006, \$97,258 and an additional \$20,000 from the NSF's Decision Center for a Desert City, ASU; and "Comparison of Public and Scientists' Understandings of Local Environmental Problems." 2006-2010, \$11,996.

National Science Foundation, Principal Investigator. "Neighborhood Ecosystems: Human-Climate Interactions in a Desert Metropolis." (Biocomplexity Program), SES-0216281, 2002-2005, \$107,490.

Arizona State University Multi-Investigator Development Grant, Principal Investigator, "Phoenix Area Social Survey," 2001, \$14,000.

Arizona State University Faculty Grant-in-Aid Program, Principal Investigator, "Inequalities in Postindustrial Urban Labor Markets," 2000-2001, \$7,000.

U.S. Department of Education, National Institute for Disability and Rehabilitation Research, Principal Investigator, "The Effects of Work Environments and Individual Characteristics on Job Opportunities for People with Disabilities," 1992-1995, \$213,684.

U.S. Department of Labor, Glass Ceiling Commission, Principal Investigator, "Barriers to Employment Equity: Bridging the Gap Between the Glass Ceiling and the Sticky Floor," 1993-1994, \$17,500.

Aspen Institute Nonprofit Sector Research Fund, Co-Principal Investigator, "Continuation Grant for Nonprofit Boards of Directors in Third-Party Government," 1994, \$12,000.

Aspen Institute Nonprofit Sector Research Fund, Co-Principal Investigator, "Nonprofit Boards of Directors in Third-Party Government," 1992-1993, \$30,000.

National Science Foundation, Principal Investigator. "Household Structure and Teenage Mothers." 1990-1993, \$69,997.

National Science Foundation, Principal Investigator, "The Effects of Education and Training Differences on the Employment Outcomes of Women and Men." 1981-1983, \$78,000.

U.S. Department of Education, National Institute of Education, Principal Investigator, "Sex Equity in Access to Educational Resources under CETA and the Effect on Postprogram Employment." 1981. NIE funded the proposal; I declined the award.

U.S. Department of Labor, Employment and Training Administration, Doctoral Dissertation Grant, "Uses of Manpower Funds by Counties under the Comprehensive Employment and Training Act." 1977-1979, \$12,000.

FELLOWSHIPS & VISITING APPOINTMENTS

Visiting Scientist, Potsdam Institute for Climate Impact Research, Potsdam, Germany, Oct-Dec. 2012
Center Fellow, National Center for Ecological Analysis and Synthesis, University of California, Santa Barbara, 2004-2005

Visiting Research Scholar, The Henry A. Murray Research Center, Radcliffe College, 1983-1984
National Institute of Mental Health Postdoctoral Fellow, Social Systems Research Training Program, Cornell University, 1979

INVITED LECTURES AND PRESENTATIONS

National and International Academic Audiences

Partnerships, Research, and Innovation for Urban Sustainability: Confronting Local Sustainability Challenges in a Global Environment, Workshop sponsored by the National Academies of Sciences, Engineering, and Medicine. Washington, D.C. October 15, 2015.

"Addressing Climate Impacts in Vulnerable Communities." Planning and Climate Change Symposium, American Planning Association National Planning Conference. Seattle, WA, April 18-21, 2015.

"Uncertainties in Modeling Health Outcomes in Response to High Temperatures." National Center for Atmospheric Research, Uncertainties in Climate Change Research Colloquium. Boulder, CO, July 21-August 6, 2014. <http://www.asp.ucar.edu/colloquium/2014/presentations.php>

"Urbanization and Climate Change in Desert Cities of Central Arizona: Heat Island to Heat Riskscape." Instituto de Research Sociale, Universidad Automato de Nuevo Leon, Monterrey, Mexico, March 10, 2014.

"Toward a Social-Ecological Understanding of Heat-Related Mortality in Central Arizona Desert Cities." National Center for Atmospheric Research, Fifth Biannual Workshop on Climate and Health, Boulder, CO. July 9-12, 2013.

"Extreme Collaborations: Adventures in Interdisciplinary Environmental Research." National Center for Atmospheric Research, Fifth Biannual Workshop on Climate and Health, Boulder, CO. July 9-12, 2013.

"Social-Ecological Change in Desert Cities of Central Arizona: Heat Island to Heat Riskscape."

Boston University, Boston, MA, March 21, 2013.

“A Coupled Natural and Human Systems Study of Climate Change and Health in Phoenix, Arizona U.S.A.” Technical University in Berlin, sponsored by Department of Ecology and Research Unit on Urban Climate and Heat Stress in Mid-Latitude Cities in View of Climate Change, Berlin, Germany, December 6, 2012.

“A Coupled Natural and Human Systems Study of Climate Change and Health in Phoenix, Arizona U.S.A.” Potsdam-Institute for Climate Impact Research, sponsored by Climate Impacts and Vulnerabilities North-South Group, Potsdam, Germany, November 30, 2012.

“Climate Change, Neighborhood Ecosystems, and Human Health in Phoenix, Arizona U.S.A.” Chinese Academy of Sciences, State Key Laboratory of Urban and Regional Ecology Research Center for Eco-Environmental Sciences, Beijing, China, May 28, 2012.

“Climate Change, Neighborhood Ecosystems, and Human Health in Phoenix, Arizona U.S.A.” East China Normal University, Shanghai State Key Laboratory of Urban Ecological Processes and Eco-Restoration, Shanghai, China, June 6, 2012.

“Adapting to Health Impacts of Climate Change in the Desert Southwest.” University of California Global Health Institute, Riverside, CA, September 29, 2011.

”Sustainable Desert City: Is It an Oxymoron?” Annual meeting of the American Sociological Association, Regional Spotlight Session: Sustainable Las Vegas? Las Vegas, NV, August 20-24, 2011.

Heat-Health Vulnerability Workshop sponsored by the Public Health Foundation of India and the National Resource Defense Council, Ahmedabad, Gujarat India March 28-30, 2011.

“Climate Change and Health in Cities: A Coupled Natural and Human Systems Approach.” University of Texas at El Paso, Sponsored by the Center for Environmental Resource Management, El Paso, TX, January 27, 2011.

“Heat Stress and Vulnerable Communities in Arizona.” Annual meeting of the American Public Health Association, Denver, CO, November 6-10, 2010.

“Urban Vulnerability and Adaptation to Climate Change: A Coupled Natural and Human Systems Approach.” University of Kansas, Co-sponsored by C-Change (Climate Change and Nature in the Global Environment) IGERT Program and the Institute for Policy & Social Research, Lawrence, KS. March 25, 2010.

“Urban Vulnerability and Adaptation to Climate Change: A Coupled Natural and Human Systems Approach.” University of Colorado, Co-sponsored by the Sociology Department and the Natural Hazards Center, Boulder, CO. March 11, 2010.

“Health, Cities, Inquiry and Action.” Energy and Climate Research: Opportunities for Collaboration between U.S. and German Research Organizations.” Joint meeting with American and German scientists sponsored by the National Science Foundation, the U.S. Department of Energy, and the Deutsche Forschungsgemeinschaft (German Research Foundation) Washington, D.C. February 18, 2010.

“The Phoenix Laboratory: Collaborative, Interdisciplinary, and Translational Research on Heat and Health.” National Center for Atmospheric Research Third Biannual Workshop on Climate and Health, Boulder, CO. July 12-17, 2009.

Sociological Perspectives on Global Climate Change Workshop sponsored by the National Science Foundation, Arlington, VA, May 30-31, 2008.

“Climate Injustice in Cities: Neighborhood Landscapes and Human Vulnerability to Extreme Heat.” Plenary presentation at the annual conference of the Council of Educators in Landscape Architecture, Tucson, AZ. January 16, 2009.

Harlan, S.L., D. Ruddell, and S. Grossman-Clarke. “Assessing Heat-Related Discomfort and Coping in Urban Neighborhoods.” Third NCAR Community Workshop on GIS in Weather, Climate and Impacts, National Center for Atmospheric Research, Mesa Lab, Boulder, CO, October 27-29, 2008.

“Sociological Research in the Central Arizona – Phoenix LTER.” Sponsored by the Jornada Experimental Range Long-Term Ecological Research project, New Mexico State University, Las Cruces, NM, December 2, 2005.

“Environmental Complexity in Urban Neighborhoods,” National Center for Ecological Analysis and Synthesis, University of California, Santa Barbara, Santa Barbara, CA. January 27, 2005.

Interdisciplinary Studies and Remote Sensing Workshop. Presentation on Neighborhood Ecosystems Project. Long-Term Ecological Research All Scientists Meeting sponsored by the National Science Foundation, Seattle, WA. September 18-21, 2003.

Local University Audiences

Harlan, S.L. “Climate and Society: Insights from the American Sociological Association Task Force on Sociology and Global Climate Change.” Department of Sociology and Anthropology Intellectual Event Series, Northeastern University, Boston, MA, April 7, 2016.

Harlan, S.L. and M. Georgescu. “The Urban Water Innovation Network (U-WIN): A Multi-Institutional Partnership.” School of Geographical Sciences and Urban Planning Colloquium, Arizona State University, Tempe, AZ, November 13, 2015.

“Extreme Climate Events: Heat and its Impact on Health.” Panelist, Decision Center for a Desert City Water/Climate Briefing, Arizona State University, Tempe, AZ, October 1, 2014.
<https://dcdc.asu.edu/outreach/waterclimate-briefings/>

- “Environmental Justice and Urban Climate.” Presented at the National Science Foundation Mid-Term Site Review of the Central Arizona – Phoenix Long-Term Ecological Research Project, Arizona State University, Tempe, AZ. September 26-27, 2013.
- “Climate, Ecosystems and People Integrated Project Area: 2011 Highlights.” S.L. Harlan and B. Ruddell. Fourteenth Annual Central-Arizona Phoenix Long-Term Ecological Research (CAP LTER) Poster Symposium, Arizona State University, Scottsdale, AZ. January 13, 2012.
- “Understanding Urban Heat Islands.” Panelist, Decision Center for a Desert City Water/Climate Briefings, Arizona State University, Tempe, AZ. September 1, 2010.
- “Urban Vulnerability to Climate Change: An Interdisciplinary Investigation of Extreme Heat and Human Health in Phoenix.” Ecosystems Engineering Seminar sponsored by the Center for Environmental Fluid Dynamics and Global Institute of Sustainability, Arizona State University, Tempe, AZ. October 14, 2009.
- Harlan, S.L. and W. Bannister. “The Role of Public Health Informatics in Studying Urban Vulnerability to Climate Change.” Biomedical Informatics Seminar Series, Fulton School of Engineering, Arizona State University, Tempe, AZ. March 26, 2009.
- Panelist, “Roundtable: Exploring Research Collaboration and Knowledge Exchange.” Tenth Annual Central Arizona - Phoenix Long-Term Ecological Research (CAP LTER) Symposium, Arizona State University, Tempe, AZ. January 10, 2008.
- “Climate Vulnerability in Phoenix.” Presented at the National Science Foundation Mid-Term Site Review of the Central Arizona – Phoenix Long-Term Ecological Research Project, September 23-25, 2007 and the CAP LTER Advisory Board Visit, Arizona State University, Tempe, AZ. April 23-24, 2007.
- “The Phoenix Area Social Survey: A CAP LTER / DCDC Collaboration.” National Science Foundation Site Review of the Decision Center for a Desert City, Arizona State University, Tempe, AZ. February 26-27, 2007.
- Panelist, “The Value of Long-Term Research.” Ninth Annual Central Arizona - Phoenix Long-Term Ecological Research Central Arizona - Phoenix Long-Term Ecological Research Poster Symposium, Arizona State University, Tempe, AZ. January 10, 2007.
- “New Possibilities for Integrative Research: A Preview of the 2006 Phoenix Area Social Survey.” Central Arizona – Phoenix Long-Term Ecological Research project All Scientists Meeting, Arizona State University, Tempe, AZ. February 20, 2006.
- “The Phoenix Area Social Survey: Summary Results of the Pilot Study.” Central Arizona – Phoenix Long-Term Ecological Research project All Scientists Meeting, Arizona State University, Tempe, AZ. April 7, 2003.

Research Featured in Recent Media

KAWC Colorado River Public Media, Arizona Science and Innovation Desk. “Arizona’s Poorest Neighborhoods Struggle to Provide Heat Relief” by Amanda Solliday. November 1 and 2, 2015. <http://kjzz.org/content/212353/arizona%E2%80%99s-poorest-neighborhoods-struggle-provide-heat-relief>

Smithsonian Magazine. “The Reality of a Hotter Summer is Already Here” by Jerry Adler. May 2014. <http://www.smithsonianmag.com/science-nature/reality-hotter-world-already-here-180951172/?page=1>

National Science Foundation Discovery. “Summertime: Hot Time in the City.” June 21, 2013. http://www.nsf.gov/discoveries/disc_summ.jsp?cntn_id=128204&org=NSF

International Innovation: Disseminating science, research and technology. “Just Deserts.” January 2013. www.international-innovation-northamerica.com

Wired Science. “Environmental Gap Widens in Phoenix” by Brandon Keim. December 1, 2011. <http://www.wired.com/wiredscience/2011/12/environmental-gap/>

National Resources Defense Council, New York City. Press conference statement and Q&A on release of new web pages, “Climate Change Threatens Health,” August 3, 2011. <http://www.nrdc.org/health/climate/>

KTEP Public Radio El Paso, TX. Science Studio Program, 30-minute interview with Keith Pannell and Russ Chianelli on “Urban Heat Islands” aired Feb. 20, 2011. http://www.ktep.org/files/archive_1980.mp3

NASA Johnson Space Center News. NASA Assets Provide Orbital View to Study Phoenix Heat Waves. Aug. 10, 2010. http://www.nasa.gov/centers/johnson/home/phoenix_heatwaves_feature.html

McKinnon, S. “Wealth Buys Relief from the Urban Heat Island, *The Arizona Republic*, September 20, 2009.

Harlan, S.L. “When Heat Threatens Society,” *The Arizona Republic* newspaper editorial, June 21, 2008.

OTHER PUBLICATIONS

Reports and Monographs (*student co-author)

Harlan, S.L. (2016) “The Quest for Climate Justice in an Unequal World.” Scholars Strategy Network: Research to Improve Policy and Strengthen Democracy. <http://www.scholarsstrategynetwork.org/scholar/sharon-l-harlan>

Smith, V.K., S.L. Harlan, M. McLaen, *J. Fishman, *C. Valcarcel, M. Nation. (2015) “Compassion or Cash: Evaluating Survey Response Incentives and Valuing Public Goods.” Working Paper

21288 (June), National Bureau of Economic Research, Cambridge, MA.
<http://www.nber.org/papers/w21288>

Harlan, S.L. (2009) "What Does Sociology Bring to the Table for Studying the Human Dimensions of Global Climate Change?" Pp. 97-100 in J. Nagel, T. Dietz, and J. Broadbent (eds.), Report of the *National Science Foundation Workshop on Sociological Perspectives on Global Climate Change*, Arlington, VA, May 30-31, 2008.
http://ireswb.cc.ku.edu/~crgc/NSFWorkshop/Readings/NSF_WkspReport_09.pdf

Harlan, S.L., M. Budruk, *A. Gustafson, K. Larson, *D. Ruddell, V.K. Smith, A. Wutich, and S. Yabiku (2007) *Phoenix Area Social Survey 2006 Highlights: Community and Environment in a Desert Metropolis*. Central Arizona - Phoenix Long-Term Ecological Research Project Contribution No. 4. Global Institute of Sustainability, Arizona State University.
<http://caplter.asu.edu/home/contributions/index.jsp>

Harlan, S.L., T. Rex, L. Larsen, E.J. Hackett, A. Kirby, S. Wolf, B. Bolin, A. Nelson, and D. Hope. (2003) *The Phoenix Area Social Survey: Community and Environment in a Desert Metropolis*. Central Arizona - Phoenix Long-Term Ecological Research Project Contribution No. 2. Arizona State University.

Harlan, S.L. and P.M. Robert (1995) *Disability in Work Organizations: Barriers to Employment Opportunity*, final report to the U.S. Department of Education, National Institute on Disability and Rehabilitation Research.

Harlan, S.L. and C.W. Berheide (1994) *Barriers to Workplace Advancement Experienced by Women in Low-Paying Occupations*, commissioned by the U.S. Department of Labor Glass Ceiling Commission.

Review of *Poverty Dynamics: Issues and Examples* by Robert Walker (Brookfield, VT: Ashgate, 1994) *Contemporary Sociology* 25 (3), 1996:339-340.

Hackett, E.J. and S.L. Harlan (1988) *Implementing New Technology in New York State Agencies*, prepared for the Committee on the Work Environment and Productivity, Governor's Office of Employee Relations and Civil Service Employees Association.

Harlan, S.L., L. Haignere, and B.D. Fisher (1988) *Suffolk County Pay Equity Study*, prepared for the Office of the County Executive, Suffolk County, New York.

Harlan, S.L., B.D. Fisher, and R. Alba (1986) *Trends in the Demand for Lower-Level and Mid-Level Occupations in New York State*, prepared for the New York State Department of Social Services, Office of Program Planning, Analysis and Development.

Levine, J.A., S.L. Harlan, M. Seligson, J.H. Pleck, and L. Lein (1981) *Child Care and Equal Opportunity for Women*, United States Commission on Civil Rights, Clearinghouse Publication No. 67.

Harlan, S.L. (1979) *Participation of Disadvantaged Groups in Employment and Training Programs (CETA) in New York and Pennsylvania*, prepared for the Office of Research and Development, Employment and Training Administration, U.S. Department of Labor, Final Report No. 91-36-77-49.

Women in Public Service: Report series sponsored by the American Federation of State, County, and Municipal Employees (AFSCME), AFL-CIO

"Hidden Violence against Women at Work," *Women in Public Service*, A Special Report of the Center for Women in Government, SUNY Albany in Conjunction with AFSCME, No. 5, 1999.

"Cost of Sexual Harassment to Employers Up Sharply," *Women in Public Service*, A Bulletin of the Center for Women in Government, SUNY Albany, No. 4, 1994.

"Women Face Barriers in Top Management," *Women in Public Service*, A Bulletin of the Center for Women in Government, SUNY Albany, No. 2, 1992.

"Number of Women in Government Increasing," *Women in Public Service*, A Bulletin of the Center for Women in Government, SUNY Albany, No. 1, 1991.

PRESENTATIONS AT PROFESSIONAL MEETINGS (since 2000; *student co-author)

Harlan, S.L. "Climate Justice and Inequality," Association for Environmental Studies and Sciences Annual Meeting, Washington, D.C., June 8-11, 2016.

Harlan, S.L., T. Lakes, *A. Hagy-Ferguson, *S. Osenberg. "Vulnerability to Urban Heat Stress in Two Climates: The Importance of Social Surveys in Discerning Perceptions of Risk and Resilience in Berlin, Germany and Phoenix, USA." European Survey Research Association Annual Meeting, Reykjavik, Iceland, July 13-17, 2015.

Harlan, S.L., D.B. Petitti, D.M. Hondula, S. Yang, G. Chowell, B.L. Ruddell. "New Evidence from a Hot Climate: Considering Multiple Health Events, Exposure Variables, and Trigger Points for Interventions Related to Health Impacts of High Temperatures." 95th American Meteorological Society Annual Meeting, Phoenix, AZ, January 4-8, 2015.

Ruddell, B.L., S.L. Harlan, D. Hondula, A. Jamison, D.B. Petitti, D.M. Ruddell, S. Yang. "An Outcomes-Based Heat Information System Prototype for Phoenix, Arizona." 95th American Meteorological Society Annual Meeting, Phoenix, AZ, January 4-8, 2015.

Harlan, S.L. Discussant, Session on "Environmental Justice and Global Cities." Annual meeting of the American Sociological Association in New York, NY, August 18, 2013.

Harlan, S.L., T. Bleasdale, C. Crouch, J. Declet-Barreto, T. Halperin, K. Parady. "Who Will Plant the Trees? Participatory Adaptation to Climate Change in a Low-Income Urban Neighborhood." Annual meeting of the Society for Social Studies of Science (4S) and European Association for the Study of Science and Technology. Copenhagen, Denmark, October 17-20, 2012.

- Martin, C.A., G.D. Jenerette, S.L. Harlan. "Air and Near Surface Temperature Regimens in Neighborhood Parks of Phoenix, Arizona, USA during Extreme Summer Heat." ICUC – 8th International Conference on Urban Climate and 10th Symposium on the Urban Environment. Dublin, Ireland, August 6-10, 2012. (To be published in Conference Proceedings.)
- Harlan, S.L. "Cities and Climate." Annual meeting of the American Sociological Association, Special Session on Reconfiguring Global Authority, Resources, Ideas, Bodies. Las Vegas, NV, August 20-24, 2011.
- Martin, C.A., S.L. Harlan, J. Deplet-Baretto. "Tree Naturalization as a Means of Provisioning Ecosystem Services in an Arid Urban Ecosystem." Annual meeting of the Ecological Society of America. Austin, TX, August 7-12, 2011.
- Harlan, S.L., *J. Deplet-Barreto, *E. Morales, G. Chowell, D. Petitti, D. Ruddell. "Understanding Urban Heat Risksapes: A Comprehensive Analysis of Heat Deaths in Phoenix, Arizona." International Conference on Urbanization and Global Environmental Change, Tempe, AZ, October 15-17, 2010.
- Harlan, S.L. "The Climate of Cities and Community Health." Thematic session on Climate Change and Threatened Communities at the annual meeting of the American Sociological Association, San Francisco, CA, August 8-11, 2009.
- *Ruddell, D.M., S.L. Harlan, S. Grossman-Clarke, and G. Chowell. "Scales of Perception: Public Awareness of Neighborhood and Regional Temperature Differences." Annual meeting of the American Meteorological Society, Phoenix, AZ, January 11-15, 2009.
- Wilhelmi, O., M. Hayden, S. Harlan, *D. Ruddell, K. Komatsu, B. England, and *C. Uejio. "A Framework for Spatial Assessment of Local Level Vulnerability and Adaptive Capacity to Extreme Heat." American Geophysical Union Fall Meeting, San Francisco, CA, December 15-19, 2008.
- Harlan S.L. "Double Jeopardy: Urban Heat Islands and Global Warming." Annual meeting of the American Sociological Association, Boston, MA, August 1-4, 2008.
- Harlan, S.L., S. Yabiku, L. Larsen, and A. Brazel. "Household Water Consumption in an Arid City: Affluence, Affordance, and Attitudes." Annual meeting of the American Sociological Association, New York, NY, August 10-13, 2007.
- Harlan, S.L., A. Brazel, *L. Prashad, W.L. Stefanov, and L. Larsen. "Neighborhood Environments and Vulnerability to Heat Stress." Annual meeting of the American Sociological Association, Montreal, Canada, August 11-14, 2006.
- Harlan, S.L., L. Larsen, E.J. Hackett, S. Wolf, B. Bolin, D. Hope, A. Kirby, A. Nelson, and T. Rex. "Neighborhood Attachment in Urban Environments." Annual meeting of the American Sociological Association, Philadelphia, PA, August 13-16, 2005.

Larsen, L., R.W. Marans, *G. Carter III, *A. Gocmen, and S.L. Harlan. "Residential Quality in Detroit and Phoenix: An Exploration of Factors Influencing Mobility in Declining and Growing Metropolitan Areas." Environmental Design Research Association (EDRA), Vancouver, Canada, April 28- May 1, 2005.

Harlan, S.L., A. Brazel, W.L. Stefanov, *L. Prashad, L. Larsen, *S. Grineski, *N. Jones, and *J. Parker. "An Interdisciplinary Investigation of Social Class, Ethnicity, and Exposure to Urban Climate Change." Globalization and the Environmental Justice Movement Symposium, Tucson, AZ, September 23-25, 2004.

Harlan, S.L., A. Brazel, W.L. Stefanov, L. Larsen, *S. Grineski, *N. Jones, *J. Parker, and *L. Prashad. "Inequality for the 21st Century: Social Class, Ethnicity, and Vulnerability to Climate Change." Pacific Sociological Association annual meeting, San Francisco, CA, April 15-18, 2004.

Stefanov, W.L., *L. Prashad, *C. Eisinger, A. Brazel, and S.L. Harlan. "Investigation of Human Modifications of Landscape and Climate in the Phoenix, Arizona Metropolitan Area Using MASTER Data." International Society for Photogrammetry and Remote Sensing 20th Quadrennial Conference, Istanbul, Turkey, July 2004.

Larsen, L. and S.L. Harlan. "The Wealth of Neighborhoods: Exploring the Concept of Neighborhood Capital." Third Joint Congress of the ACSP and AESOP, Leuven, Belgium, July 8-12, 2003.

Harlan, S.L. Discussant, Session on "Labor Markets: Conceptualizations and Consequences." Annual meeting of the American Sociological Association in Anaheim, CA, August 18, 2001.

Harlan, S.L. and A. Nelson. "Labor Market Dynamics in a Postindustrial City: A Sectoral and Spatial Analysis of Employment Change in Phoenix." Annual meeting of the American Sociological Association, Washington, DC, August 15, 2000.

TEACHING

Honors

Distinguished Nominee, Parents Association Professor of the Year Award, 2011

Nominee, School of Human Evolution and Social Change Faculty Award for Significant Contribution to Undergraduate Education, 2009

Guest Coach in the 2007 Sun Devil Football Season

Undergraduate Courses – Arizona State University

China Summer Study Abroad Program Co-Director 2012

New Zealand Summer Study Abroad Program Director 2009, 2010

(ASB 443/SSH 403 Cross-cultural Studies in Global Health)

(ASB 410/SSH 400 Poverty, Social Justice, and Global Health)

ASB 191 Freshman Seminar (College Matters)

ASB/SOS 394 Climate & Society

ASB/SOS 370 Production, People & Environments
ASB/SOC 421 Education and Society
SOC 423 Social Class and Stratification
SOC 321 Sociology of Work
SOC/FAS 391 Sociological Research (required course for Sociology majors)
SOC 394 Gender and Work

Graduate Courses – Arizona State University

ASB/SOS 500 Social Survey Research
ESS/SSH 514 Urban and Environmental Health
ESS/ASB/GCU/SOS 591 Environmental Justice and the City
ASB/GCU/PUP 591 Principles of Urbanism
SOC 591 Gender, Race and Work
Survey Research Practicum
IGERT in Urban Ecology Workshop

Undergraduate Courses – Cornell University, Boston College

Women and Work; Inequality in America; Introductory Sociology; Techniques of Social Research
Social Science and Public Policy

Student Theses Completed

Ph.D. dissertations = 9; Master's theses = 15; Honors, REU and undergraduate research = 12

Ph.D. Dissertation Committees Arizona State University (*Completed)

Paul Chakalian, Ph.D. committee co-chair, Environmental Social Science.

- *Thomas Bleasdale, Ph.D. committee chair, Environmental Social Science. "Gardens of Justice: A Social Movement for Food Security." (2015)
- *Juliana Novic, Ph.D. committee member, Anthropology. "Neighborhood Dynamics at Calixtlhuaca, Mexico." (2015)
- *Bogyong Min, Ph.D. committee member, Geographical Sciences and Urban Planning. "Are Compact Cities More Equitable? Evidence from King County, Washington." (2014)
- *Juan Delect-Baretto, Ph.D. committee co-chair, Environmental Social Science. "A Socio-ecological Understanding of Extreme Heat Vulnerability in Phoenix, Arizona." Received the 2014 Gilbert F. White Hazards Dissertation Award from the Hazards Specialty Group of the American Association of Geographers (2013)
- *Yun Ouyang. Ph.D. committee member, Sustainability. "A Multi-Scale Study of the Relationship of Single-Family Residential Water Use with Its Determinants in the Central Arizona-Phoenix Region." (2013)
- *Darren Ruddell, Ph.D. committee member, Geographical Sciences and Urban Planning. "Scale and Social Science: A Study of Theory, Methods, and Quality of Life." (2009)
- *Jennifer Jacobson, Ph.D. committee chair, Sociology. "Is There a Hidden Gender Curriculum in Elementary Education Teacher Training Programs?" (2008)
- *Marcella Gemelli, Ph.D. committee member, Sociology. "Bridging the Digital Divide: Homeless Women Participate in Internet Life." (2007)
- *Lisa Kramer, Ph.D. committee chair, Sociology. "Prostitution: Why Women Enter, What They Experience Emotionally, and How They Use Substances to Cope" (2006)

Master's Theses Committees (*Completed)

- *Elizabeth Kurtz, Master's thesis committee member, "Bouncing Back: Methods for Measuring Community Resilience in Disaster Management" (2015)
- *Carolyn Crouch, Master's thesis committee chair, "Community Food Resource Mapping in Central City South, Phoenix: An Exploratory Study of Community Capacity Building" (2011)
- *Cory Sanchez, Master's thesis committee member, "Vulnerability of the Homeless Population to Extreme Heat" (2011)
- *Danielle Bray, Master's thesis committee member, "Enforcing the Law, Enforcing the Border: The Minuteman Movement and the Public Debate about Illegal Immigration" (2008)
- *Jennifer Lane, Master's thesis committee member, "Freshman Academic Success Courses: An Evaluation with Focus on Team Teaching" (2006).
- *Rachel Cummings, Master's thesis committee member, "Environmental Quality Formation: A Comparison of St. Louis and Phoenix" (2006)
- *Lela Prashad (Department of Geological Sciences), Master's thesis committee member, "Urban Heat Island Connections to Neighborhood Microclimates in Phoenix, Arizona: Influences of Land Use and Social Variables on Temperature" (2004)
- *Andrea Casir, Master's thesis committee member, "The Placement of Institutionalized Children for Adoption in Mexico" (2003)
- *Fang Yang, Master's thesis chair, "Recent Trends in Occupational Segregation for White and Hispanic Women in the Greater Phoenix Area, 1983-1998" (2002)
- *Daniel Hassell, Master's thesis chair, "Employment Outcomes for Vocational Rehabilitation Clients: Human Capital, Labeling and Disability" (2002)
- *Rong Wong, Master's thesis committee member, "Internet Use and Gender Inequality at Work: A Cross-Sectional Analysis" (2002)
- *Maureen O'Donnell, Master's thesis committee member, "Vulnerability in Phoenix: A Socio-Historical Analysis of Contamination Sites" (2002)
- *Paula Walsh, Master's thesis committee member, "Defining Effective Tutoring: A Social Psychological Approach" (2001)
- *Zhao Feng, Master's thesis committee member, "Educational Aspirations of Asian American Students" (2000)
- *Rachel Durham, Master's thesis committee member, "Education and Occupational Expectations of High School Seniors: An Assessment of the Aspirational Process" (1999)

Undergraduate Honors Theses and Research Projects Advisor (*Completed)

- *Mary Munoz, Capstone Co-advisor, Sustainability (2015)
- *Brandon Ruiz, Faculty Mentor, Internship for Science-Practice Integration, Decision Center for a Desert City (2015)
- *Nicole Scott, Honors thesis committee member, Anthropology (2014-2015)
- *Amanda Burke, SHESC apprenticeship sponsor, Global Health (2012)
- *Sarah Machacek, Honors thesis committee chair, "Design and Evaluation of a Garden-Based Curriculum to Teach Nutrition, Exercise and Sustainable Environment in Inner-City Schools" (2011)
- *David Miles, Faculty advisor, Global Health capstone, "Community Gardening in South Central Phoenix" (2010)
- *Garrett Bonillas, Honors thesis committee member, "Mining Towns in Transition: The Changing Dynamics of Arizona Copper Communities" (2008)

- *Katrina Johnston, Faculty advisor, “The Reinvention of Shopping Malls as Community Centers,” Undergraduate Research Assistantship Award from the School of Human Evolution and Social Change (2008)
- *Genevieve Luikart (2006), Faculty advisor, National Science Foundation Research Experience for Undergraduates (REU)
- *Mark Shen (2004), Faculty advisor, National Science Foundation REU
- *Danielle Zeigler (2002) Faculty advisor, National Science Foundation REU
- *Kimberly Ward Hart, Senior honors thesis committee member, “In Their Own Voices: Job Perceptions of the Juvenile Residential Care Worker” (2001)

PROFESSIONAL SERVICE

U.S. Environmental Protection Agency, Subject Matter Expert for Mapping the Vulnerability of Human Health to Climate Change in the U.S. – Interviews and Workshop, Washington, D.C., 2016.

International Journal of Biometeorology, Editorial Advisory Board, 2014-present.

Urban Climate and Heat Stress in Mid-Latitude Cities in View of Climate Change (UCaHS) research unit, Deutsche Forschungsgemeinschaft (German Research Foundation), Advisory Board Member, 2013- 2015.

National Center for Atmospheric Research, Advisory Panel Member of the Research Applications Laboratory, 2010-2012.

American Sociological Association Task Force on Global Climate Change, Co-lead report author, “Insights from Social Theory and Empirical Studies of Inequality and Claims of Environmental Injustice” for the Task Force, 2010-2015.

National Science Foundation Long-Term Ecological Research Network, Science Council Member, 2010-2011.

Peer reviewer for the National Science Foundation

Proposal reviewer: Sociology; Geological Sciences; Geography and Spatial Sciences; Decision, Risk and Management Science Programs (on-going); Review Panel for the Dynamics of Coupled Natural – Human Systems Program, March 2-4, 2010; Mid-Term Site Review Team Member, Baltimore Ecosystem Study Long-Term Ecological Research project, 2007

Peer reviewer for book manuscripts

Temple University Press; SUNY Press; W.W. Norton

Peer reviewer for academic journals

American Sociological Review; American Journal of Sociology; Climatic Change; Environmental Research; Frontiers in Ecology and Environment; Gender & Society; International Journal of Environmental Research and Public Health; International Journal of Biometeorology; International Journal of Health Geographics; Journal of Environmental Management; Journal of Environmental Planning and Management; Journal of Urbanism; Landscape and Urban Planning; Local Environment; PLOS ONE; Research in Social Problems & Public Policy; Sex Roles; Social Forces; Social Science & Medicine; Society and Natural Resources; Sociological Forum; Sustainability: Science, Practice, & Policy; Science of the Total Environment; Sociological Inquiry; The Social Science Quarterly; Urban Geography; Urban Studies

Memberships

American Sociological Association (ASA); ASA Section on Environment and Technology;; Association for Environmental Studies and Science; distinguished paper award committee 1998; National Council for Research on Women, editorial committee, *IQ* issue on Affirmative Action and the Glass Ceiling, 1995.

ARIZONA STATE UNIVERSITY SERVICE

Executive Committee, Central Arizona – Phoenix Long-Term Ecological Research Project and Co-leader of Climate-Ecosystems-People Integrated Project Area (2010-present); Leadership Council, Central Arizona – Phoenix Long-Term Ecological Research Project (2008-2009); Undergraduate Committee, School of Sustainability (2007-2008) – created degree requirements for new B.A./B.S. in Sustainability; Senator, School of Human Evolution and Social Change, Academic Senate (2005-2007); Academic Senate Committee on Committees (2006-2007); Faculty Development Program, Faculty Mentor (2006-2012); Graduates in Earth, Life and Social Sciences (GELSS) Research Symposium judge of student presentations (February 2004, February 2006); Graduate College Representative at Final Doctoral Defense (March 2000; June 2001); University Committee on Bachelor's in Interdisciplinary Studies, Organizational Studies (1999-2003)

School of Human Evolution and Social Change

Personnel Committee Chair (2013-2015); Member (2005-2006; 2011 – 2012); Member, Faculty Search Committee – target hire (2014); Chair, Faculty Search Committee – target hire (2013); Chair, Faculty Search Committee – target hire (2012); Executive Committee (fall 2007-spring 2009; spring 2010); Approach Head, Environment, Technology, and Society Faculty (fall 2007-spring 2009; spring 2010) – organize curriculum and represent interdisciplinary faculty in the School; Faculty Search Committee, Socio-cultural Anthropology (2010); Undergraduate Committee (2008-2010); Graduate Committee (2007-2008); Appeals Committee (2006-2007); Research Support Committee (2005-2006); Environmental Social Sciences Ph.D. Planning Group (2005-2007)

Department of Sociology

Undergraduate Committee (1998 -2001); Personnel Committee (2000 - 2002); Survey Research Lab Policy Advisory Board (1998 - 2004); Chair, Survey Research Lab Policy Advisory Board (2002 - 2003); Faculty Search Committee (2002 - 2003); Comprehensive Exam Committees on Stratification (1998 - 2002); Work and Organizations (2003 – 2004); Gender (1998 - 2001); Affirmative Action Representative (2000 - 2004)

COMMUNITY SERVICE

Publication

“People and Environment: Our Heat Habitat.” *Chain Reaction*, Volume 7, September 2012. 48 pages of Stories of Science and Learning from Arizona State University. A science magazine in print and online for students in grades 4-8 published by the Office of Knowledge Enterprise Development, Arizona State University, Diane Boudreau (ed.). Features the work of scientists on my Urban Vulnerability to Climate Change project and funded by NSF GEO-0816168.
<http://chainreactionkids.org/> (pdf)

Invited Lectures for Public Audiences (since 2005)

“Public Health Concerns.” Regional Climate Summit for Municipal Leaders: Economic, Health,

- Water & Transportation Impacts.” CLIMAS, University of Arizona. Tucson, AZ. November 14, 2013.
- “Heat and Vulnerable Populations: People and Places in Central Arizona Desert Cities.” Maricopa Department of Public Health. *Epi Presents!* Seminar series. Phoenix, AZ. October 16, 2013.
- “Heat Stress and Vulnerable Communities in Phoenix: Temperature, Place and People.” Heat-Relief Network Annual Kick-Off Meeting. Phoenix, AZ. May 17, 2013.
- “Urban Heat Island: Impacts on Urban Form and Communities.” Climate Webinar Series: Western Lands and Communities, A Lincoln Institute of Land Policy – Sonoran Institute Joint Venture. April 25, 2012.
- “Environmental Injustice in a Desert City: Green Spaces, Heat, and Social Inequality.” Arid Low Impact Development Conference: Green Infrastructure and Low Impact Development in Arid Environments. Tucson, AZ. March 27-29, 2012.
- “Climate Change: A Challenge for Central City South.” S.L. Harlan and T. Halperin. Board of Directors, Phoenix Revitalization Corporation. Phoenix, AZ. September 28, 2011.
- “Heat Stress and Vulnerable Communities in Phoenix, Arizona: Temperature, Place and People.” Urban Heat Island: Linking Science, Society and Technology. Professional Development Workshop for Middle School Teachers, Global Institute of Sustainability, Arizona State University. July 7, 2011.
- “Heat Stress and Vulnerable Communities in Phoenix: Temperature, Place, and People.” Phoenix Heat / Health Workshop, sponsored by University of Michigan and ICLEI (Local Governments for Sustainability). February 22, 2011.
- “Urban Heat-Related Mortality and Morbidity.” Presented at the CHiR-Arizona HealthQuery Stakeholder Meeting, Center for Health Information and Research, Arizona State University, Phoenix, AZ. January 24, 2011.
- Harlan, S.L. and W. Bannister. “Urban Vulnerability to Climate Change: A System Dynamics Analysis.” Presented at Arizona Health Query (AZHQ) Data Partners Meeting, Center for Health Information and Research, Arizona State University, Phoenix, AZ. January 12, 2009.
- “Urban Heat Island, Urban Forestry, and Human Health in Desert Cities.” Presented at the 17th Annual Desert Horticulture Conference, University of Arizona, Tucson, AZ, May 16, 2008.
- “Human-Ecosystem-Climate Interactions: Neighborhoods, Landscapes, and Extreme Heat.” Presented at the 3rd Annual Urban Heat Island Workshop: Human Health and Urban Form sponsored by the City of Tucson and University of Arizona, Tucson, AZ, May 15, 2008.
- “Household Water Consumption in an Arid City: Affluence, Affordance, and Attitudes.” Presented at *First Thursdays*, Winslow | Orcutt Architects, Phoenix, AZ. December 6, 2007.

“Neighborhood Microclimates and Vulnerability to Heat Stress.” Presented to the City of Phoenix Urban Heat Island Task Force, Phoenix, AZ. September 11, 2006.