

BIOGRAPHICAL SKETCH

NAME Mark D. Hayward	POSITION TITLE Professor, Department of Sociology and Director, Population Research Center, The University of Texas at Austin
eRA COMMONS USER NAME mhayward	

EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Washington State University, Pullman, WA	BA	1975	Sociology
Indiana University, Bloomington, IN	AM	1978	Sociology
Indiana University, Bloomington, IN	PhD	1981	Sociology

A. POSITIONS AND HONORS

Positions and Employment

1981-1988	Research Scientist I and II, Health and Population Research Center, Battelle Memorial Institute, Seattle, WA
1988-1992	Associate Professor of Gerontology and Sociology, University of Southern California, Los Angeles, CA
1992-1996	Associate Professor of Sociology, The Pennsylvania State University, University Park, PA
1992-1997	Director, Center on Aging and Health in Rural America; Assistant Director for the Social Sciences, Gerontology Center, The Pennsylvania State University, University Park, PA
1996-2004	Professor of Sociology and Demography, The Pennsylvania State University, University Park, PA
1999-2002	Director, Population Research Institute, The Pennsylvania State University, University Park, PA
2001-2004	Director, Social Science Research Institute, The Pennsylvania State University, University Park, PA
2004-2005	Distinguished Professor of Sociology and Demography and Director, Center on Population Health and Aging, The Pennsylvania State University, University Park, PA
2005-Present	Professor of Sociology and Director, Population Research Center, The University of Texas at Austin, TX
2008-Present	Fellow, Centennial Commission Chair in the Liberal Arts, The University of Texas at Austin, Austin, TX

Honors, Other Experience, and Professional Memberships

1991-1993	Member, Study Section HUD-2, NIH
1994-2006	Associate Editor, <i>Journal of Gerontology: Social Sciences</i>
1995-Present	Associate Editor, <i>Research on Aging</i>
1998-2000	Associate Editor <i>Journal of Health and Social Behavior</i>
1998-2001	Council Member, Section on Aging and the Life Course, American Sociological Association
2000-2002	Council Member, National Archive of Computerized Data on Aging, University of Michigan
2000-2003	Advisory Board, Brookdale National Fellowship Program
2000-2006	Member, National Longitudinal Surveys Technical Review Committee, Bureau of Labor Statistics
2001-2004	Board of Directors, Population Association of America
2002-2006	Council Member and Chair, Inter-University Consortium on Political and Social Research, University of Michigan
2002-2007	Board of Overseers, Panel Study of Income Dynamics, University of Michigan
2003-Present	Founding Elected Member, Brookdale Institute on Aging
2003-Present	Member, Research Network on Tobacco-Related Health Disparities, National Cancer Institute
2004-Present	Advisory Board, <i>Genetics of Aging</i> (NIA P01), Louisiana State University Medical School
2005-2007	Vice President, Association of Population Centers
2005-Present	Advisory Board, Center for Population Health and Health Disparities, University of Texas Medical Branch
2006-2008	Associate Editor <i>Journal of Health and Social Behavior</i>
2006-Present	Advisory Board, Center on Minority Health and Health Disparities, MD Anderson Cancer Center
2007-2009	Associate Editor, <i>Demography</i>

- 2007-Present Associate Editor, *Population Research and Policy Review*
- 2007-Present Board of Directors, Society of Biodemography and Social Biology (2004-2009)
- 2008-Present Associate Editor, *Biodemography and Social Biology*
- 2008-Present Member, Social Sciences and Population Sciences Study Section, NIH
- Present Ad Hoc Reviewer: *American Journal of Epidemiology, American Journal of Public Health, American Sociological Review, Demography, Journals of Gerontology (Medical Sciences and Social Sciences), Journal of Health and Social Behavior, Journal of Marriage and the Family, Social Forces, Social Science Quarterly, Social Science Research, Social Science & Medicine, Sociological Methods and Research*
- Present Member, American Sociological Association, Population Association of America, the Gerontological Society of America, Southern Demographic Association, and the International Network on Healthy Life Expectancy

B. SELECTED PEER-REVIEWED PUBLICATIONS

- Hayward, M.D., E.M. Crimmins and L. Wray. 1994. The Relationship between Retirement Life Cycle Changes and Older Men's Labor Force Participation Rates *Journal of Gerontology: Social Sciences* 49:S219-S230.
- Hayward, M.D., M.A. Hardy and M-C. Liu. 1994. Work after Retirement among Older Men in the United States. *Social Science Research* 23:82-107.
- Crimmins, E.M., M.D. Hayward and Y. Saito. 1994. Changing Mortality and Morbidity Rates and the Health Status and Life Expectancy of the Older Population. *Demography* 31:159-175
- Crimmins, E.M., M.D. Hayward and Y. Saito. 1996. Differentials in Active Life Expectancy among Older Americans. *Journal of Gerontology: Social Sciences* 51B:S109-S120.
- Hayward, M.D., S. Friedman and H. Chen. 1996. Race Inequities in Men's Retirement. *Journal of Gerontology: Social Sciences* 51:S1-S10.
- Shea, D.G., T. Miles and M.D. Hayward. 1996. The Health-Wealth Connection: Racial Differences. *The Gerontologist* 36:342-349.
- Crimmins, E.M. and M.D. Hayward. 1997. What Can We Learn about Competence at the Older Ages from Active Life Expectancy? In *Social Structural Mechanisms for Maintaining Competence in Old Age*, S. Willis, K.W. Schaie and M.D. Hayward (Eds), pp.1-22. New York, NY: Springer Publishing Company.
- Hayward, M.D., A. Pienta and D.K. McLaughlin. 1997. Inequality in Men's Mortality: The SES Gradient and Geographic Context. *Journal of Health and Social Behavior* 38:313-330.
- Willis, S., K.W. Schaie and M.D. Hayward (Eds). 1997. *Social Structural Mechanisms for Maintaining Competence in Old Age*. New York, NY: Springer Publishing Company.
- Hayward, M.D., E.M. Crimmins and Y. Saito. 1998. Cause of Death and Active Life Expectancy. *Journal of Aging and Health* 10:192-213.
- Hayward, M.D., S. Friedman and H. Chen. 1998. Career Trajectories and Older Men's Retirement. *Journal of Gerontology: Social Sciences* 53B:S91-S103.
- Hayward, M.D. and D.T. Lichter. 1998. A Life Cycle Model of Labor Force Inequality: Extending Clogg's Life Table Approach. *Sociological Methods and Research* 26:487-510.
- Hayward, M.D. and M. Heron. 1999. Racial Inequality in Active Life among Adult Americans. *Demography* 36:77-91.
- Hayward, M.D., E.M. Crimmins, T. Miles and Y. Yang. 2000. The Significance of Socioeconomic Status in Explaining the Racial Gap in Chronic Health Conditions. *American Sociological Review* 65:910-930.
- Pienta, A., M.D. Hayward and K.R. Jenkins. 2000. Health and Marriage in Later Life. *Journal of Family Issues* 21:559-586.
- Cambois, E., J.M. Robine and M.D. Hayward. 2001. Social Inequalities in Disability-Free Life Expectancy in the French Male Population, 1980-1991. *Demography* 38:513-524.
- Zhang, Zhenmei and M.D. Hayward. 2001. Childlessness and the Psychological Well-Being of Older Persons. *Journal of Gerontology: Social Sciences* 56B:S311-S320.
- Hayward, M.D. and Z. Zhang. 2001. Demography of Aging: A Century of Global Change, 1950-2050, in *Handbook of Aging and the Social Sciences, 5th Edition*, R.K. Binstock and L.K. George (Eds), pp. 69-85. New York, NY: Academic Press.
- Blackwell, D.L., M.D. Hayward, E.M. Crimmins. 2001. Does Childhood Health Affect Chronic Morbidity in Later Life? *Social Science and Medicine* 52:1269-1284.
- Pienta, A.M. and M.D. Hayward. 2002. Who Expects to Continue Working after Age 62? The Retirement Plans of Couples. *Journal of Gerontology: Social Sciences* 57B:S199-S208.
-

- Whitfield, K.E. and M.D. Hayward. 2003. The Landscape of Health Disparities among Older Adults. *Public Policy and Aging Report* 13:1-7.
- Crimmins, E.M., M. Johnston, M.D. Hayward and T. Seeman. 2003. Age Differences in Allostatic Load: An Index of Physiological Dysregulation. *Experimental Gerontology* 38:731-734.
- Laditka, S.B. and M.D. Hayward. 2003. The Evolution of Demographic Methods to Calculate Health Expectancies, in *Determining Health Expectancies*. J.M. Robine, C. Jagger, C.D. Mathers, E.M. Crimmins and R.M. Suzman (Eds), pp. 221-234. West Sussex, UK: Wiley Publishers.
- Crimmins, E.M. and M.D. Hayward. 2004. Workplace Characteristics and Work Disability Onset for Men and Women. *Social and Preventive Medicine* 49:122-131.
- Hayward, M.D. and B.K. Gorman. 2004. The Long Arm of Childhood: The Influence of Early-Life Social Conditions on Men's Mortality. *Demography* 41:87-107.
- Crimmins, E.M., M.D. Hayward and T. Seeman. 2004. Race/Ethnicity, Socioeconomic Status and Health, in *Critical Perspectives on Racial and Ethnic Differences in Health in Later Life*. N.B. Anderson, R.A. Bulatao and B. Cohen (Eds), pp. 310-352. Washington, DC: National Academy Press.
- Best, L. M.D. Hayward, and M. Hidajat. 2005. Life Course Pathways to Adult-Onset Diabetes. *Social Biology* 52:94-111.
- Hayward, M.D. and D. Warner. 2005. The Demography of Healthy Life Expectancy, in *Handbook of Population*. D.L. Posten and M. Micklin (Eds), pp. 809-825. New York, NY and London, UK: Kluwer Academic Press.
- Hayward, M.D., E.M. Crimmins and Z. Zhang. 2006. Consequences of Educational Change for the Burden of Chronic Health Problems in the Population, in *Riding the Age Waves: Allocating Public and Private Resources across Generations*. A.H. Gauthier, C. Chu and S. Tuljapurkar (Eds), pp.227-242. New York, NY: Kluwer Academic Press.
- Crimmins, E.M., M.L. Johnston, M.D. Hayward and T. Seeman. 2006. Age Differences in Allostatic Load: An Index of Physiological Dysregulation. In *Longer Life and Healthy Aging*, Z Yi, E. M. Crimmins, Y. Carrière and J. M. Robine (Eds), pp. 111-126. Kluwer Academic Press.
- Zhang, Z. and M.D. Hayward. 2006. Gender, the Marital Life Course, and Cardiovascular Health in Late Midlife. *Journal of Marriage and Family* 68:639-657.
- Warner, D. and M.D. Hayward. 2006. Early Life Origins of the Race Gap in Men's Mortality. *Journal of Health and Social Behavior* 47:209-226.
- Hayward, M.D. Aging and Healthy Life Expectancy. In *Encyclopedia of Sociology*, G. Ritzer (Ed), pp.2095-2098. Boston, MA: Blackwell Publishing.
- Hidajat, M. and M.D. Hayward. 2007. Indonesia's Social Capacity for Population Health: The Educational Gap in Active Life Expectancy. *Population Research and Policy Review* 26:219-234.
- Moolchan, E.T., P. Fagan, A.F. Fernander, W.F. Velicer, M.D. Hayward, G. King, and R. Clayton. 2007. Addressing Tobacco-Related Health Disparities. *Addiction* 102(S2):30-42.
- Crimmins, E.M., M.D. Hayward, H. Ueda, Y. Saito, and J.K. Kim. 2008. Life with and without Heart Disease among Women and Men over 50. *Journal of Women and Aging* 20:5-19.
- Zhang, Z., D. Gu, and M. D. Hayward. 2008. Early Life Influences on Cognitive Impairment Among Chinese Oldest-Old. *Journals of Gerontology: Social Sciences* 63B:S25-S33.
- Whitfield, K.E., X. Yao, G.P. Vogler, M.D. Hayward, K. Boomer, and D. J. Vandenberg. 2009. Analysis of Candidate Genes and Hypertension in African American Adults. *Ethnicity and Disease* 19:18-22.
- Merkin, S.S., A. Karlamangla, E.M. Crimmins, S.L. Charette, M.D. Hayward, J.K. Kim, B. Koretz, and T. Seeman. In press. Education Differentials by Race and Ethnicity in the Diagnosis and Management of Hypercholesterolemia: A National Sample of U.S. Adults (NHANES 1999-2002). *International Journal of Public Health*.
- Montez, J.K., M.D. Hayward, D.C. Brown, and R.A. Hummer. In press. Why is the Educational Gradient of Mortality Steeper for Men? *Journal of Gerontology: Social Sciences*.
- Crimmins, E.M., M.D. Hayward, Y.Saito, A. Hagedorn, and N. Brouard. In press. Change in Disability-Free Life Expectancy for Americans 70 Years Old and Older. *Demography*.
-

C. RESEARCH SUPPORT

Ongoing Research Support

5 R24 HD42849 (M.D. Hayward, PI)

07/01/02-06/30/12

National Institute of Child Health and Human Development/NIH
Population Research Center

The purpose of this infrastructure grant is to support the core service of the Population Research Center, including the administrative, computing/information, and faculty development cores.

Role: Principal Investigator

1 R01 HD053696 (R.A. Hummer, PI)

08/01/06-07/31/09

National Institute of Child Health and Human Development
Educational Differences in US Adult Mortality

This research will help to inform a great deal of other current work that examines educational differences in health changes, health behavior, and disability trajectories throughout the life course.

Role: Co-Investigator

1 R03 HD057507 (P.M. Krueger, PI)

09/01/08-08/31/10

National Institute of Child Health and Human Development
Health and Mortality Risks among Co-Resident Grandchildren, Parents, and Grandparents

This project will examine the health and mortality risks of co-resident grandparents, parents (if present), and grandchildren, and document the demographic and socioeconomic factors that are associated with the health of all family members.

Role: Co-Investigator

Completed Research Support

1 R55 AG019311 (M.D. Hayward, L. Jensen, PIs)

09/01/02-08/31/06

National Institute on Aging
Racial Burden of Chronic Disease

This research examines race/ethnic disparities in the chronic disease morbidity and mortality experiences of black, white, and Hispanic older Americans. Multivariate hazard models test a lifecycle theoretical framework of how childhood conditions combine with adult socioeconomic achievement processes and lifestyle to differentiate the chronic disease morbidity and mortality of major race/ethnic groups.

Role: Principal Investigator while at The Pennsylvania State University; Co-Investigator while at The University of Texas at Austin
