January 2013

CURRICULUM VITAE
MARK D. HAYWARD

PERSONAL DATA

(Work) Population Research Center
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Birth date: July 8, 1953

EDUCATION

Ph.D.	1981	Indiana University, Bloomington, Indiana. Sociology. Minor: Economics. Language: German.
A.M.	1978	Indiana University, Bloomington, Indiana. Sociology.
B.A.	1975	Washington State University, Pullman, Washington. Sociology.

AREAS OF SPECIALIZATION

- Population / Life Course and Aging, Morbidity and Mortality, and Biodemography
- Quantitative Methods / Dynamic Models, Life Table Techniques

PROFESSIONAL POSITIONS

Current	Professor of Sociology and Centennial Commission Professor in the Liberal Arts; Director, Population Research Center; Senior Fellow of the Sealy Center on Aging, School of Medicine, University of Texas Medical Branch
2004-2005	Distinguished Professor of Sociology and Demography, and Director, Center on Population Health and Aging, The Pennsylvania State University
2001-2004	Director, Social Science Research Institute, The Pennsylvania State University
1999-2002	Director, Population Research Institute, The Pennsylvania State University
1996-2004	Professor of Sociology and Demography, The Pennsylvania State University
1996-1999	Director of the Statistics Core, Population Research Institute; Graduate Director, Department of Sociology, The Pennsylvania State University
1992-1997	Director, Center on Aging and Health in Rural America; Assistant Director for the Social Sciences, Gerontology Center, The Pennsylvania State University
1992-1996	Associate Professor of Sociology, The Pennsylvania State University
1988 - 1992	Associate Professor of Gerontology and Sociology, University of Southern California.
1982 - 1988	Affiliate Assistant Professor of Sociology. University of Washington
1981 - 1988	Research Scientist I and II. Health and Population Research Center, Battelle Memorial Institute, Seattle, WA

GRANT AND CONTRACT AWARDS

National Institute of Child Health and Human Development. Co-Investigator (Michele Forman, PI). "National Children's Study, Harris County." 2011-2012.

MacArthur Foundation Research Network on an Aging Society. Co-Principal Investigator (Robert Hummer, Co-PI). "The Hispanic Paradox in Health and Mortality among Older Americans." 2012-2013.

American Legacy Foundation. Principal Investigator. "Demographic and Socioeconomic Disparities in the Smoking Patterns of Young Adults." 2011.

National Institute of Child Health and Human Development. Co-Investigator (Patrick Krueger, PI). "Health and Mortality Risks among Co-Resident Grandchildren, Parents, and Grandparents." 2008-2012.

National Institute of Child Health and Human Development. Co-investigator (Robert Hummer, PI). "Educational Differences in US Adult Mortality." 2006-2010.

National Institute of Child Health and Human Development. Principal Investigator. "Population Research Center." 2005-2012.

National Institute on Aging. Principal Investigator. "Center on Population Health and Aging." 2004-2005.

National Institute on Aging. Principal Investigator. "Racial Disparities in the Burden of Chronic Disease." 2002-2006.

National Institute of Child Health and Human Development. Principal Investigator. "Population Research Center Core Grant." 1999-2002.

National Institute on Aging. Principal Investigator. "Active Life Expectancy in the Older Population." 1996-2001.

National Institute on Aging. Principal Investigator. Postdoctoral Training Program in "Population Biology, Generations, and Cohort Succession." 1995-2001.

National Cancer Institute. Co-investigator (Pamela S. Short, PI). "Economic Consequences of Cancer Survival." 1999-2002.

National Institute on Aging. Co-principal investigator (with Amy Pienta). "Chronic Health Problems and Retirement." 1998-2000.

AARP Andrus Foundation. Co-principal investigator (with Amy Pienta). "Marriage, Health, and Retirement." 1998-2000.

U.S. Department of Agriculture. Principal Investigator. "Industrial Restructuring and the Work-to-Retirement Transition." 1994-1998.

National Institute on Aging. Principal Investigator. "Exploratory Center on Aging and Health in Rural America." 1993-1997.

National Institute on Aging. Principal Investigator. "Active Life Expectancy among Older Americans." 1993-1996.

National Institute on Aging. Principal Investigator. "Retirement from a Life-Course Perspective." 1990-1993.

AARP Foundation. Principal Investigator. "Inequities of Retirement Access: Implications for Public and Private Policy." 1990-1991.

Faculty Research and Innovation Fund, USC. Principal Investigator. "Industrial Influences on Older Men's Careers." 1989-1990.

National Institute on Aging. Principal Investigator. "A Dynamic Model of the Retirement Process in the U.S." 1986-1989.

Office of Population Affairs, DHHS. Co-Principal Investigator (with William R. Grady and John O. G. Billy). "A Dynamic Model of Premarital Pregnancy in the U.S." 1986-1988.

National Institute of Child Health and Human Development. Co-Principal Investigator (with William R. Grady and John O. G. Billy). "Contraceptive Switching among Women in the United States." 1986-1988.

National Institute of Child Health and Human Development. Co-Principal Investigator (with John O. G. Billy and William R. Grady). "Effects of Contextual Factors on Fertility Regulation and on Fertility." 1986-1989.

Office of Population Affairs, DHHS. Co-Principal Investigator (with William R. Grady). "Contraceptive Failure and Discontinuation among Women in the United States." 1985-1986.

National Institute on Aging. Principal Investigator. "Dimensions of the Work Role and the Retirement Decision." 1984-1986.

National Institute on Aging. Co-Principal Investigator (with Steven D. McLaughlin and William R. Grady). "The Retirement Process among Older Men and Women." 1984-1986.

National Institute on Aging. Principal Investigator. "Career Possibilities and the Retirement Decision." New Investigator Research Award. 1982-1985.

PUBLICATIONS

2013

Pollack, Craig, Catherine Cubbin, Sania Avesha, Mark Hayward, Donna Vallone, Brian Flaherty, and Paula Braverman. In press. "Do Wealth Disparities Contribute to Health Disparities within Racial/Ethnic Groups?" *Journal of Epidemiology and Community Health*.

McFarland, Michael J., Mark D. Hayward, and Dustin Brown. In press. "I've Got You Under My Skin: Marital Biography and Biological Risk." *Journal of Marriage and the Family*.

Lariscy, Joseph T., Robert A. Hummer, Jessica M. Rath, Andrea C. Villanti, Mark D. Hayward, and Donna M. Vallone. In press. "Race/Ethnicity, Nativity, and Tobacco Use among U.S. Young Adults: Results from a Nationally Representative Survey." *Nicotine and Tobacco Research*.

Forman, Michele R., Lauren D. Mangini, Rosenie Thelus-Jean, and Mark D. Hayward. 2013. "Life-course Origins of the Ages at Menarche and Menopause." *Adolescent Health, Medicine and Theraputics* 4:1-21.

2012

Barnes, Lisa L., Robert S. Wilson, Susan A. Everson-Rose, Mark D. Hayward, Denis A. Evans, and Carlos Mendes de Leon. 2012. "Effects of Early-Life Adversity on Cognitive Decline in Older African Americans and Whites." *Neurology* 79:2321-2327.

Brown, Dustin, Mark D. Hayward, Robert M. Hummer, and Jennifer Karas Montez. 2012 "The Significance of Education for Mortality Compression in the United States." *Demography* 49:819-840.

Zhang, Zhenmei, Mark D. Hayward, and Chuntian Lu. 2012. "Is there a Hispanic Epidemiological Paradox in Later Life? A Closer Look at Chronic Morbidity." *Research on Aging* 34:548-571.

Montez, Jennifer Karas, Robert A. Hummer, and Mark D. Hayward. 2012. "Educational Attainment and Adult Mortality in the United States: A Systematic Analysis of Functional Form." *Demography* 49:315-336. PMID: 22246797

2011

Cubbin, Catherine, Craig Pollack, Brian Flaherty, Mark D. Hayward, A. Sania, Donna Vallone, and Paula Braverman. 2011. "Assessing Alternative Measures of Wealth in Health Research." *American Journal of Public Health* 101:939-947. PMCID: PMC2728089

Montez, Jennifer Karas, Robert A. Hummer, Mark D. Hayward, Hyeyoung Woo, and Richard G. Rogers. 2011. "Recent Changes in the Educational Gradient of U.S. Adult Mortality by Race, Gender, and Age Group." *Research on Aging* 33(2):145-171. PMCID: PMC3166515.

Montez, Jennifer Karas and Mark D. Hayward. 2011. "Early Life Conditions and Later Life Mortality." Pp. 187-206 in *International Handbook of Adult Mortality*. R.G. Rogers and E. Crimmins, editors. NY: Springer Publishers.

2010

Zhang, Zhenmei, Danan Gu, and Mark D. Hayward. 2010. "Childhood Nutritional Deprivation and Cognitive Impairment Among Older Chinese." *Social Science and Medicine* 71:941-949. PMID:20591545

Warner, David, Mark D. Hayward, and Melissa A. Hardy. 2010. "The Retirement Life Course at the Dawn of the 21st Century." *Population Research and Policy Review* 29:893-919. PMCID: PMC3002227.

Cai, Liming, Mark D. Hayward, Yasuhiko Saito, James Lubitz, Aaron Hagedorn, and Eileen Crimmins. 2010. "Estimation of Multi-State Life Table Functions and their Variability Using the SPACE Program." *Demographic Research* 22:129-158. PMCID: PMC2867357

2009

McDade, Thomas W., and Mark D. Hayward. 2009. "Rationale and Methodological Options for Assessing Infectious Disease and Related Measures in Social Science Surveys." *Biodemography and Social Biology* 55(2):159-177. PMID: 20183903

Crimmins, Eileen M., Mark D. Hayward, Yasuhiko Saito, Aaron Hagedorn, and Nicolaus Brouard. 2009."Change in Disability-Free Life Expectancy for Americans 70 Years Old and Older." *Demography* 46(3):627-646. PMCID: PMC2831348

Montez, Jennifer Karas, Mark D. Hayward, Dustin C. Brown, and Robert A. Hummer. 2009. "Why is the Educational Gradient of Mortality Steeper for Men?" *Journal of Gerontology: Social Sciences* 64B(5):625:634. PMCID: PMC2728089

Merkin, Sharon Stein, Arun Karlamangla, Eileen Crimmins, Susan L. Charette, Mark Hayward, Jung Ki Kim, Brandon Koretz, and Teresa Seeman. 2009. "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* 54(3):166-74. PMCID: PMC2732346

Whitfield, Keith E., Xiaopan Yao, K. Boomer, George P. Vogler, Mark D. Hayward, and David J. Vandenbergh. 2009. "Analysis of Candidate Genes and Hypertension in African American Adults." *Ethnicity and Disease* 19:18-22. PMID: 19341158

2008

Zhang, Zhenmei, Danan Gu, and Mark D. Hayward. 2008. "Early Life Influences on Cognitive Impairment Among Chinese Oldest-Old." *Journals of Gerontology: Social Sciences* 63B:S25-S33.

Crimmins, Eileen M., Mark D. Hayward, Hiroshi Ueda, Yasuhiko Saito, and Jung Ki Kim. 2008. Life With and Without Heart Disease Among Women and Men Over 50. *Journal of Women and Aging* 20:5-19.

2007

Hidajat, Mira, Mark D. Hayward, and Yasuhiko Saito. 2007. "Indonesia's Social Capacity for Population Health: The Education Gap in Active Life Expectancy." *Population Research and Policy Review* 26:219-234.

Moolchan, Eric T., Pebbles Fagan, Anita F. Fernander, Wayne F. Velicer, Mark D. Hayward, Gary King, and Richard R. Clayton. 2007. "Addressing Tobacco-Related Health Disparities." *Addiction*. 102:30-42.

Hayward, Mark D. 2007. "Healthy Life Expectancy." Pp. 2095-2098 in *Encyclopedia of Sociology*, *Volume 5* edited by G. Ritzer. Blackwell Press.

2006

Warner, David, and Mark D. Hayward. 2006. "Early Life Origins of the Race Gap in Men's Mortality." *Journal of Health and Social Behavior* 47:209-226.

Zhang, Zhenmei and M. D. Hayward. 2006. "Gender, the Marital Life Course, and Cardiovascular Health in Late Midlife." *Journal of Marriage and Family* 68:639-657.

Whitfield, Keith, Jacqueline Angel, Linda Burton and Mark D. Hayward. "Diversity, Disparities and Inequalities in Aging: Implications for Policy." *Public Policy and Aging Report* 16(3):16-22.

Hayward, Mark D., David F. Warner, Mira Hidajat and Eileen M. Crimmins. 2006. "Does Longer Life Mean Better Health? Not for Native-Born Mexican Americans in the Health and Retirement Survey." Pp. 85-95 in *The Health of Aging Hispanics: The Mexican-Origin Population*, edited by Jacqueline L. Angel and Keith K. Whitfield. Springer.

Crimmins, Eileen M., Melanie L. Johnston, Mark D. Hayward, and Teresa Seeman. 2006. "Age Differences in Allostatic Load: An Index of Frailty." Pp. 111-126 In *Longer Life and Healthy Aging*, edited by Z. Yi, E. M. Crimmins, Y. Carrière, and J. M. Robine. Kluwer Academic Press.

Hayward, Mark D., Eileen M. Crimmins, and Zhenmei Zhang. 2006. "Consequences of Educational Change for the Burden of Chronic Health Problems in the Population." Pp. 227-242 in *Allocating Public and Private Resources across Generations, Riding the Age Waves*, edited by Anne H. Gauthier, Cyrus Chu, and Shripad Tuljapurkar. Kluwer Academic Press.

2005

Hayward, Mark D., and David Warner. 2005. "The Demography of Population Health." Pp. 809-825 In *Handbook of Population*, edited by D. Poston and M. Micklin. New York: Kluwer Academic Press.

Best, Latrica, Mark D. Hayward, and Mira Hidajat. 2005. "Life Course Pathways to Adult-Onset Diabetes." *Social Biology* 52:94-111.

2004

Crimmins, Eileen M., Mark D. Hayward, and Teresa Seeman. 2004. "Race/Ethnicity, Socioeconomic Status and Health." Pp. 310-352 In *Critical Perspectives on Racial and Ethnic Differences in Health*

in Later Life, edited by N. B. Anderson, R. A. Bulatao, and B. Cohen. Washington, DC: National Academy Press.

Crimmins, Eileen M., and Mark D. Hayward. 2004. "Workplace Characteristics and Work Disability Onset for Men and Women." *Social and Preventive Medicine* 49:122-131.

Hayward, Mark D., and Bridget K. Gorman. 2004. "The Long Arm of Childhood: The Influence of Early-Life Social Conditions on Men's Mortality." *Demography* 41:87-107.

2003

Whitfield, Keith E., and Mark Hayward. 2003. "The Landscape of Health Disparities among Older Adults." *Public Policy and Aging Report* 13:1-7.

Crimmins, Eileen M., Melanie Johnston, Mark Hayward, and Teresa Seeman. 2003. "Age Differences in Allostatic Load: An Index of Physiological Dysregulation." *Experimental Gerontology* 38:731-734.

Kanchanakijsakul, Madee, Pramote Prasartkul, Varachai Thongthai, Gordon F. DeJong, Mark D. Hayward, and Vipan Prachuabmoh. 2003. "Consequences of Demographic Transition on Thai Elderly Living Arrangements." *Journal of Population and Social Studies* 10:69-92.

Laditka, Sara B., and Mark D. Hayward. 2003. "The Evolution of Demographic Methods to Calculate Health Expectancies." Pp. 221-234 in *Determining Health Expectancies*, edited by Jean Marie Robine, Carol Jagger, Colin D. Mathers, Eileen M. Crimmins, and Richard M. Suzman. West Sussex, UK: Wiley.

2002

Pienta, Amy Mehraban, and Mark D. Hayward. 2002. "Who Expects to Continue Working after Age 62? The Retirement Plans of Couples." *Journal of Gerontology: Social Sciences* 57B:S199-S208.

2001

Cambois, Emmanuelle, Jean-Marie Robine, and Mark D. Hayward. 2001. "Social Inequalities in Disability-Free Life Expectancy in the French Male Population, 1980-1991." *Demography* 38:513-524.

Zhang, Zhenmei, and Mark D. Hayward. 2001. "Childlessness and the Psychological Well-Being of Older Persons." *Journal of Gerontology: Social Sciences* 56B:S311-320.

Hayward, Mark D., and Zhenmei Zhang. 2001. "Demography of Aging: A Century of Global Change, 1950-2050." Pp. 69-85 in the *Handbook of Aging and the Social Sciences, Fifth Edition*, edited by Robert K. Binstock and Linda K. George. New York: Academic Press.

Blackwell, Debra L., Mark D. Hayward, Eileen M. Crimmins. 2001. "Does Childhood Health Affect Chronic Morbidity in Later Life?" *Social Science and Medicine* 52:1269-1284.

2000

Hayward, Mark D., Eileen M. Crimmins, Toni Miles and Yu Yang. 2000. "The Significance of Socioeconomic Status in Explaining the Racial Gap in Chronic Health Conditions." *American Sociological Review* 65:910-930.

Pienta, Amy, Mark D. Hayward, and Kristi Rahrig Jenkins. 2000. "Health and Marriage in Later Life." *Journal of Family Issues* 21:559-586.

1999

Hayward, Mark D., and Melonie Heron. 1999. "Racial Inequality in Active Life among Adult Americans." *Demography* 36:77-91.

1998

Hayward, Mark D., and Daniel 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, Mark D., Eileen M. Crimmins, and Yasuhiko Saito. 1998. "Cause of Death and Active Life Expectancy." *Journal of Aging and Health* 10:192-213.

Hayward, Mark D. 1998. "The Usefulness of Age Norms in Retirement Research." Pp. 124-130 in the *Impact of Work on Older Adults*, edited by K. W. Schaie and C. Schooler. New York: Springer.

Hayward, Mark D., Samantha Friedman, and Hsinmu Chen. 1998. "Career Trajectories and Older Men's Retirement." *Journal of Gerontology: Social Sciences* 53B:S91-S103.

1997

Hayward, Mark D., Amy Pienta, and Diane K. McLaughlin. 1997. "Inequality in Men's Mortality: The SES Gradient and Geographic Context." *Journal of Health and Social Behavior* 38:313-330.

Willis, Sherry, K. Warner Schaie, and Mark D. Hayward (eds.). 1997. *Social Structural Mechanisms for Maintaining Competence in Old Age*. New York: Springer.

Crimmins, Eileen M., and Mark D. Hayward. 1997. "What Can We Learn About Competence at the Older Ages From Active Life Expectancy?" Pp. 1-22 in *Social Structural Mechanisms for Maintaining Competence in Old Age*, edited by W. Schaie, S. Willis, and M. Hayward. New York: Springer.

1996

Shea, Dennis G., Toni Miles and Mark D. Hayward. 1996. "The Health-Wealth Connection: Racial Differences." *The Gerontologist* 36:342-349.

Crimmins, Eileen M., Mark D. Hayward, and Yasuhiko Saito. 1996. "Differentials in Active Life Expectancy among Older Americans." *Journal of Gerontology: Social Sciences* 51B:S109-S120.

Hayward, Mark D., Samantha Friedman, and Hsinmu Chen. 1996. "Race Inequities in Men's Retirement." *Journal of Gerontology: Social Sciences* 51:S1-S10. [Reprinted in *Worlds of Difference: Inequality in the Aging Experience* (2000), edited by E. P. Stoller and R. C. Gibson. Thousand Oaks, CA: Pine Forge Press.]

Hayward, Mark D. 1996. "Dementia in Aging Populations: Policy Implications for Caregiving." Pp. 281-302 in *Families, Human Resources and Social Development,* edited by Hsiao-hung Nancy Chen, Yia-ling Liu, and Mei-o Hsieh. Taipei, Taiwan: National Chengchi University.

1995

Lichter, Daniel T., Robert N. Anderson, and Mark D. Hayward. 1995. "Marriage Markets and Marital Choice." *Journal of Family Issues* 16:412-431.

1994

Hayward, Mark D., Eileen M. Crimmins, and Linda 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, Mark D., Melissa A. Hardy, and Mei-Chun Liu. 1994. "Work after Retirement among Older Men in the United States." *Social Science Research* 23:82-107.

Crimmins, Eileen M., Mark D. Hayward, and Yasuhiko Saito. 1994. "Changing Mortality and Morbidity Rates and the Health Status and Life Expectancy of the Older Population." *Demography* 31:159-175.

Hayward, Mark D., Eileen M. Crimmins, and Samantha Friedman. 1994. "Cognitive Functioning Changes among the Chronically Impaired Elderly in the U.S." Pp. 280-293 in *Advances in Health Expectancies*, edited by C. Mathers, J. McCallum, and J. M. Robine. Canberra, Australia: Australian Institute of Health and Welfare.

Hayward, Mark D. 1994. Review of *A Generation of Change, A Profile of America's Older Population* by Jacob S. Siegel. *Population and Development Review* 19(4):866-868.

1993

Hayward, Mark D., and Wei Wang. 1993. "Retirement in Shanghai." *Research on Aging* 15:3-32.

Teachman, Jay D., and Mark D. Hayward. 1993. "Interpreting Hazard Rate Models." *Sociological Methods and Research* 21:340-371.

Hayward, Mark D. 1993. "Work after Retirement: Who Goes Back and Why?" In *Working with Older Workers*, edited by B. Ryan. Los Angeles: Institute for Industrial Relations, UCLA.

Crimmins, Eileen M., Yasuhiko Saito, and Mark D. Hayward. 1993. "Sullivan and Multistate Methods of Estimating Active Life Expectancy: Two Methods, Two Answers." Pp. 155-160 In *Calculation of Health Expectancies: Harmonization, Consensus Achieved and Future Perspectives*, edited by J. M. Robine, C. D. Mathers, M. R. Bone, and I. Romieu. Paris: John Libby.

1992

Hayward, Mark D., William R. Grady, and John O. G. Billy. 1992. "The Influence of Socioeconomic Status on Adolescent Pregnancy." *Social Science Quarterly* 73:750-772.

Hayward, Mark D., and Mei-Chun Liu. 1992. "A Demographic Profile of Men and Women in their Retirement Years." In *Families and Retirement*, edited by M. Szinovacz, D. Ekerdt, and B. Vinick. Sage Publications.

1991

Saito, Yasuhiko, Eileen M. Crimmins, and Mark D. Hayward. 1991. "Stability of Estimates of Active Life Expectancy Using Two Methods of Life Table Construction." *Cahiers Québécois de Démographie* 20:291-327.

1990

Hayward, Mark D., and William R. Grady. 1990. "Work and Retirement among a Cohort of Older Men in the United States, 1966-1983." *Demography* 27:337-356.

Moore, David E., and Mark D. Hayward. 1990. "Occupational Careers and Mortality of Elderly Men." *Demography* 27:31-53.

1989

Grady, William R., Mark D. Hayward, John O. G. Billy, and Francesca A. Florey. 1989. "Contraceptive Switching among Currently Married Women in the United States." *Journal of Biosocial Science* 11:114-132.

Hayward, Mark D., William R. Grady, Melissa A. Hardy, and David Sommers. 1989. "Occupational Influences on Retirement, Disability and Death." *Demography* 26:393-409.

Hayward, Mark D., Melissa A. Hardy, and William R. Grady. 1989. "Labor Force Withdrawal Patterns among a Cohort of Older Men in the United States." *Social Science Quarterly* 70:425-448.

1988

Hayward, Mark D., William R. Grady, and Steven D. McLaughlin. 1988. "Recent Changes in Mortality and Labor Force Behavior among Older Americans: Consequences for Nonworking Life Expectancy." *Journal of Gerontology: Social Sciences* 43:S194-S199.

Hayward, Mark D., William R. Grady, and Steven D. McLaughlin. 1988. "The Retirement Process among Women in the United States: Changes in the 1970s." *Research on Aging* 10:358-382.

Hayward, Mark D., William R. Grady, and Steven D. McLaughlin. 1988. "Changes in the Retirement Process among Older Men in the United States: 1972-1980." *Demography* 25:371-386.

Grady, William R., Mark D. Hayward, and Francesca A. Florey. 1988. "Contraceptive Discontinuation among Married Women in the United States: Results from the 1982 National Survey of Family Growth." *Studies in Family Planning* 19:227-235.

1987

Hayward, Mark D., and Shelley Coverman. 1987. "Change in the Racial Composition of Occupations, 1960-1970: How Much Progress for Blacks?" *Sociological Perspectives* 30:115-142.

1986

Grady, William R., Mark D. Hayward, and Junichi Yagi. 1986. "Contraceptive Failure in the United States: Estimates from the 1982 NSFG." *Family Planning Perspectives* 18:200-209.

Hayward, Mark D. 1986. "The Influence of Occupational Characteristics on Men's Early Retirement." *Social Forces* 64:1032-45.

Hayward, Mark D., and William R. Grady. 1986. "The Occupational Retention and Recruitment of Older Men: The Influence of Structural Characteristics of Work." *Social Forces* 64:644-666.

1985

Hayward, Mark D., and Melissa A. Hardy. 1985. "Early Retirement Processes among Older Men: Occupational Differences." *Research on Aging* 7:491-515.

1982

Ragin, Charles, Shelley W. Coverman, and Mark D. Hayward. 1982. "Major Labor Disputes in Britain, 1902-1938: The Relationship Between Resource Expenditure and Outcome." *American Sociological Review* 47:238-52.

1978

Snyder, David, Mark D. Hayward, and Paula M. Hudis. 1978. "The Location of Change in the Sexual Structure of Occupations, 1950-1970: Insights from Labor Market Segmentation Theory." *American Journal of Sociology* 84:706-717.

(Under Review)

Hummer, Robert A., Joseph T. Lariscy, and Mark D. Hayward. "Hispanic Adult Mortality in the United States: A Review, New Estimates, and Comparisons to Other Population Groups."

Hayward, Mark D., Chi-Tsun Chiu, Cesar Gonzales, Robert A. Hummer, and Rebeca Wong. "Does the Hispanic Paradox in Mortality Extend to Disability?"

McFarland, Michael J. and Mark D. Hayward. "Early-Life Poverty and Awakening Cortisol in Adolescence: Examining Cumulative Exposure and Timing."

Bradshaw, Matt, Glen H. Elder, and Mark D. Hayward. "Gene-Environment Interplay and Health: A Life Course Perspective."

Masters, Ryan Kelly, and Mark D. Hayward. "Is the 'Long Arm of Childhood" Growing Shorter? Race, Socioeconomic Status, and Changes in U.S. Adult Mortality."

Montez, Jennifer Karas, and Mark D. Hayward. "Cumulative Childhood Adversity, Education, and Active Life Expectancy among U.S. Adults."

Brown, Dustin, Robert A. Hummer, and Mark D. Hayward. "Spousal Education and Self-Rated Health in the United States."

PRESENTED PAPERS AT PROFESSIONAL MEETINGS WITHIN THE PAST FIVE YEARS

McFarland, Michael, Mark D. Hayward, and Dustin Brown. 2012. "Does Marriage Lower Biological Risk among Older Adults?" Paper presented at the Annual Meetings of the American Sociological Association, Denver, CO.

Montez, Jennifer Karas, and Mark D. Hayward. 2012. "Cumulative Childhood Adversity and Active Life Expectancy among U.S. Adults." Paper presented at the Annual Meetings of the Population Association of America, San Francisco, CA.

Masters, Ryan K., and Mark D. Hayward. "Is the 'Long Arm of Childhood' Growing Shorter? Race, Socioeconomic Status, and Changes in U.S. Adult Mortality." Paper presented at the Annual Meetings of the Population Association of America, San Francisco, CA.

Montez, Jennifer Karas, and Mark D. Hayward. 2012. "Cumulative Childhood Adversity, Education, and Healthy Life Expectancy among U.S. Adults." Paper presented at the 24th Meeting of the International Network on Healthy Life Expectancy, Taichung, Taiwan.

Hayward, Mark D. 2011. "The Growing Importance of Education as a Fundamental Cause of Mortality." Keynote address at the International Symposium on "Health, Longevity, and Society." Academia Sinica, Taipei, Taiwan.

Hayward, Mark D., Chi-Tsun Chiu, Cesar Gonzales, Robert Hummer and Rebeca Wong. 2011. "Does the Hispanic Paradox in Mortality Extend to Disability?" Paper presented to the MacArthur Foundation Research Network on an Aging Society. Palo Alto, CA.

Hummer, Robert A., Joseph T. Lariscy, and Mark D. Hayward. 2011. "Hispanic Adult Mortality in the United States: A Review, New Estimates, and Comparisons to Other Population Groups." Paper presented to the MacArthur Foundation Research Network on an Aging Society. Palo Alto, CA.

Montez, Jennifer Karas, and Mark D. Hayward. 2011. "The Gender Gap in Active Life Expectancy: Does Women's Longer Life in Worse Health Originate in Early Life?" Paper presented at the 23rd Meeting of the International Network on Health Expectancy (REVES-23), Paris, France.

Hayward, Mark D. 2011. "The Gender Gap in Healthy Life Expectancy: Does Women's Longer Life in Worse Health Compared to Men Originate in Early Life?" Conference on the Long-Run Impacts of Early Life Events. National Poverty Center, University of Michigan.

Masters, Ryan K., Mark D. Hayward, and Robert A. Hummer. 2011. "The Growing Divide: How Cohort Processes Affect Educational Differences in Black and White U.S. Mortality Risk." Paper presented at the Annual Meeting of the Population Association of America, Washington, DC.

Hayward, Mark D., Rebeca Wong, Chi-Tsun Chiu and Cesar Gonzales. 2010. "Does the Hispanic Epidemiological Paradox in Mortality Extend to Disability? Comparisons of Migration Groups across the Mexico-U.S. Border." Paper presented at the Annual Meeting of the Population Association of America, Dallas, TX.

McFarland, Michael, and Mark D. Hayward. 2010. "Marital Biography and Cardiovascular-Related Biological Markers: Exploring the Role of Gender." Paper presented at the Annual Meeting of the Population Association of America, Dallas, TX.

Brown, Dustin C., Mark D. Hayward, Jennifer Karas Montez, Mira M. Hidajat, and Robert A. Hummer and Chi-Tsun Chiu. 2009. "The Significance of Education for Rectangularization

of the Survival Curve in the United States." Paper presented at the IUSSP 26th Annual International Population Conference, Marrakech, Morocco.

Hayward, Mark D. 2009. "A Demographer's Perspective on Health Disparities: Lessons for Cancer Research?" Briefing of the President's Panel on Cancer, Seattle, WA.

Montez, Jennifer Karas, Mark D. Hayward, Dustin C. Brown, and Robert M. Hummer. 2009. "Why is the Educational Gradient in Mortality Steeper for Men than Women in the United States?" Paper presented at the Annual Meeting of the Population Association of America, Detroit, MI.

Bradshaw, Matt, and Mark D. Hayward. 2009. "Socioeconomic Status, Genetic Risk Factors and Psychological Distress: Exploring Independent, Correlated and Interactive Effects." Paper presented at the Annual Meeting of the Population Association of America, Detroit, MI.

Brown, Dustin C., Mark D. Hayward, Jennifer Karas Montez, Mira Hidajat, and Robert A. Hunner. 2009. "The Significance of Education for Rectangularization of the Survival Curve in the United States." Paper presented at the 21st Meeting of the International Network on Health Expectancy (REVES-21), Copenhagen, Denmark.

McDade, Thomas and Mark D. Hayward. 2008. "Infectious Disease and the PSID." Paper presented at the PSID Biomarkers Conference, Ann Arbor, MI.

Zhang, Zhenmei, Danan Gu, and Mark D. Hayward. 2008. "Childhood Nutritional Deprivation and Cognitive Functioning Among Older Adults in China." Paper presented at the 20th Meeting of the International Network on Health Expectancy (REVES-20), Manila, Philippines.

Cai, Liming., Mark D. Hayward, Yasuhiko Saito, James Lubitz, Aaron Hagedorn, and Eileen Crimmins. 2008. "Estimation of Multi-State Life Table Functions and Their Variability Using the SPACE Program." Paper Presentation at the Annual Meeting of the Population Association of America, April 17th-19th, New Orleans, LA.

Hayward, Mark D., Eileen M. Crimmins, Robert Hummer, Mira Hidajat, and Dustin Brown. 2008. "How Much Life Does a Good Education Buy?" Paper presented at the Annual Meetings of the Population Association of America, New Orleans, LA.

Hummer, R.A., H. Woo, M.D. Hayward, J. Mirowsky, C. Ross, and R.G. Rogers presented "Healthy People 2000? An Analysis of Changing Educational Differences in U.S. Adult Mortality," Paper presented at the Southern Demographic Association's annual meeting. Birmingham, Alabama.

Hayward, Mark D. 2008. "Does the Body Forget? A Life Course Approach to Adult Health and Mortality." Keynote Address at the Society of Behavioral Medicine, San Diego, CA.

Hayward, Mark D. 2008. "A Biodemographic Approach in Understanding the Life Course Origins of Chronic Disease." Keynote Address at the Taiwan Population Association, Taipei, Taiwan.

Hayward, Mark D. 2007. "Bringing the Body Back into Aging and Life Course Research." Paper presented at the Annual Meetings of the American Sociological Association, New York.

Woo, Haebong, and Mark D. Hayward. 2007. 'Does the Hispanic Paradox in Mortality Extend to Disablement?" Paper presented at the 19th Meeting of the International Network on Health Expectancy (REVES-19), St. Petersburg, FL.

Warner, David, Mark D. Hayward, and Melissa A. Hardy. 2007. "The Retirement Life Course in America at the Dawn of the 21st Century." Paper presented at the Annual Meetings of the Population Association of America, New York.

COURSES TAUGHT

Graduate Courses	Undergraduate Courses
Sociology of Aging	Sociology of Aging
Event History Analysis	Social Statistics
World Population Problems	Sociological Methods
Work and Careers	Introductory Sociology
Social Inequality of Health	
Demography of Aging	
Life Course Perspectives on Health	
Demography Pro-seminar	

PROFESSIONAL ACTIVITIES

Professional Association Membership:

American Sociological Association, Population Association of America, Gerontological Society of America, Southern Demographic Association, and the International Network on Healthy Life Expectancy

Editorial Activities:

Occasional referee for the *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*, *Biodemography & Social Biology*, *Social Forces*, *Social Problems*, *Social Science Quarterly*, *Social Science & Medicine, Social Science Research*, and *Sociological Methods and Research*

Associate Editor (1994-2006), *Journal of Gerontology: Social Sciences*

Associate Editor (1995-present), *Research on Aging*

Associate Editor (1998-2000, 2006-2008), *Journal of Health and Social Behavior*

Associate Editor (2007-2009), *Demography*

Associate Editor (2009-2011), *Annals of Behavioral Medicine*

Associate Editor (2009-2011) *Biodemography and Social Biology*

International Editorial Advisory Board (2009-current), *Journal of Population Studies*

Deputy Editor (2010-2012) *Journal of Health and Social Behavior*

Deputy Editor (2008-2012), *Population Research and Policy Review*

Scientific Advisory Boards

National Advisory Committee, Health and Society Scholars Program, Robert Wood Johnson Foundation. (2011-current)

Advisory Board, Center on Minority Health and Health Disparities, MD Anderson Cancer Center. (2006-current)

Advisory Board, Center for Population Health and Health Disparities, University of Texas Medical Branch (2005-current)

Advisory Board, "Genetics of Aging" NIA P01, LSU Medical School (2004-2009)

Member, Research Network on Tobacco-Related Health Disparities, National Cancer Institute (2003-2010)

Board of Overseers, Panel Study of Income Dynamics, University of Michigan (2002-2007)

Advisory Board, Brookdale National Fellowship Program (2000-2003)

Founding Elected Member, Brookdale Institute on Aging (2003-current)

Member, National Longitudinal Surveys Technical Review Committee, Bureau of Labor Statistics (2000-2006)

Elected Offices and Service in Professional Associations:

President, Southern Demographic Association (2011-2012)

Vice President, Association of Population Centers (2005-07)

Board of Directors, Society of Biodemography and Social Biology (2004-current)

Nominating Committee, Population Association of America (2004-2005; 2010-11)

Council Member and Chair, Inter-University Consortium on Political and Social Research, University of Michigan (2002-2006)

Board of Directors, Population Association of America (2001-2004)

Council Member, National Archive of Computerized Data on Aging, University of Michigan (2000-2002)

Council Member, National Archive of Computerized Data on Aging, University of Michigan (2000-2002)

Council Member, ASA Section on Aging and the Life Course (1998-2001)

Grant Proposal Review Activities:

Member, NIH Study Section, Social Sciences and Population Sciences (2008-2011); NIH Study Section Human Development and Aging 2 (1991-1993)

NIH P01, R24, T32 review panels (1989, 1990; 1994, 1996, 1998, 1999, 2002-2008)
Chair, NIA Concept Review of Longitudinal Study on Aging-II (1991)
Ad hoc proposal reviewer for the National Science Foundation, the National Research Council (National Academy of Sciences), and the Social Security Administration

Major Consulting Activities:
Health and Retirement Survey, University of Michigan (1990-1991)
Longitudinal Study on Aging II, National Center for Health Statistics (1992-1993)
Evaluation of Dynamic Microsimulation Model for the Social Security Administration, RAND Corporation (1998)
Developing Measures of Population Health for Healthy People 2010, National Center on Health Statistics (1999-2000)
Evaluation of MINT3: A Microsimulation Model of the Economic Well-Being of the Older Population, Social Security Administration (2000-2001)
Evaluation of RAND Studies on Projecting Retirement and Health of Older Americans, Social Security Administration (2000-2001).

Invited Lectures and Professional Workshops:
NACDA Seminar Series, ICPSR, University of Michigan (1991)
"Event History Analysis," ICPSR Summer Program in Quantitative Methods, University of Michigan (1993, 1994, 1996, 1997, 1998)
"Measuring Population Health." UNFPA Workshop on Demographic Models of Population Health. Nihon University, Tokyo (1999)
"Applying a Multistate Life Table Model to Investigations of Population Health." UNFPA Workshop on Demographic Techniques of Population Health. Nihon University, Tokyo (2002)
"Active Life Expectancy in America's Older Population." NIH Policy Briefing. Washington, DC (2007).
"The Growing Influence of Education on the Risk of Mortality in the United States." Rand Summer Research Institute (2012).
"Early Life Adversity, Education, and Healthy Life Expectancy." Workshop on Aging with Disabilities, Department of Health and Human Services (2012).
Research lectures within the past five years: University of Washington, University of Texas Medical Branch, Galveston (2005); Kent State University, Miami University, Ohio State University, MD Anderson Cancer Center (2006); University of Texas Medical Branch, Cornell University, UCLA, UMass-Boston (2007); National Chengchi University, National Taiwan University, National Chungchen University, University of Michigan, University of California, Santa Barbara, University of Connecticut, University of Colorado (2008); Princeton University, University of Texas School of Public Health, University of Pennsylvania, Harvard University (2009); University of Wisconsin, University of Tennessee (2010); University of Western Ontario, MacArthur Foundation, Brown University (2011); University of Washington, Rand Corporation, Hong Kong University of Science and Technology (2012).

INSTITUTIONAL SERVICE ACTIVITIES

University of Southern California:
Departmental Committees: Andrus Gerontology Center: Chair, Personnel Committee (1988-1990); Chair, Student Affairs Committee (1992); Member, Ph.D. Program Committee (1990-1992). Sociology: Member, Computer Committee (1989-1992).
College and University Committees: Council of Academic Computing (1989-1990); Task Force on Faculty Retirement (1990-1992); Faculty Council (1992)

The Pennsylvania State University
Departmental Committees: Sociology. Co-Chair, Health/Aging and Methodology Search Committees (1993); Member, Undergraduate Curriculum Committee (1992-97), Ad Hoc Committee on Indicators of Assessment (1993-96); Member, Demography Search Committee (1995); Member, Sociology

Search Committee (1996-97); Member, Sociology Computing Committee (1996-2000); Member, Senior Demography Search Committee (1998-99); Chair, Demography Search Committee (1999-00). Member, Demography Search Committee (2001, 2002, 2003). Service in other departments: Member, Epidemiology Search Committee (1994-95), Biobehavioral Health; Member, Human Development & Family Studies Search Committee (1998-99); Member, Education Policy Search Committee (99-00); Member, Health Policy and Administration Search Committee (2001-02).

College and University Committees: College Committees: Liberal Arts College Representative to the College of Health and Human Development (1993-96); Academic Computer Subcommittee (1993-94, 1995-97); Liberal Arts Graduate Council (1996-99); Liberal Arts External Funding Committee (1999-2002); Liberal Arts Social Science Consortium (1999-2001); Center on Work and Family Planning Committee (2000-01); Chair, McCourtney Chair Search Committee (2000-01), Liberal Arts; Chair, Gerontology Center Director Search Committee, College of Health and Human Development (2002-2003). University Committees: Advisory Board, Population Research Institute (1996-1999); Social Science Research Task Force (1999-2000); Steering Committee for Children, Youth and Families Consortium (1999-2004); Steering Committee for Environmental Sciences Consortium (1999-2004); University Internal Review Board-Behavioral and Social Sciences (1999-01); University Research Council (1999-2004).

University of Texas

Departmental Committees: Sociology: Graduate Program Committee (2006-2009); Demography Search Committee (2007); Chair, Demography Search Committee (2010); Chair, Post-tenure Review Committee (2010-2011).

College and University Committees. University Committees: Chair, IRB Advisory Board (2006-2010), George H. Mitchell Award Committee in Undergraduate Research Excellence (2006-2008)

MENTORING

Mentor to graduate fellows, Rockefeller Population Sciences Program (1990-1991); the Population Council (1989; 1992)

Preceptor, University of Southern California: NIA Multidisciplinary Training Grant in Aging; NIA Demography of Aging Training Grant (1988-92). Penn State University: NIA Demography of Aging Training Grant (1992-2005); NIMH Methodology Training Grant (1993-2005); NIA Multidisciplinary Training Grant (1995-2005); NIA, Training Program in Genetics of Complex Behaviors in Aging (2000-2005). University of Texas: NICHD, Training Grant in Demographic Training (2005-Current)

Faculty Mentor, Hazel Prelow (University of Albany). Mentorship Program in African American Mental Health Research Scientist (AAMHRS) Consortium, NIMH (2006-2007)

Faculty Mentor, Bridget Goosby (University of Nebraska). K01 Career Development Program, NICHD (2011-current)

STUDENT ADVISING

(Postdoctoral Advising)

Dr. Amy Pienta (1996-1998). Research Scientist, ICPSR, University of Michigan.

Dr. Debra Blackwell (1997-1999). Demographer/Statistician, National Center for Health Statistics.

Dr. Roland Daeumer (1998-2000), Research Scientist, *Consumer Reports*.

(Ph.D. Chair)

Hsinmu Chen (Ph.D., 1992). *Determinants of Occupational Prestige Evaluation*. Professor of Sociology, National Chengchi University, Taipei, Taiwan.

Kristen Robinson (Ph.D., 1997). *Educational Differences in Older Men's Mortality*. Senior Policy Consultant. Altarum Institute. Washington, DC.

Anne Jordan (Ph.D., 1999). *Depressive Symptoms and Physical Health among a Cohort of American Elders*. Research Associate, Center for Health Policy Research, Denver, CO.

Zhenmei Zhang (Ph.D. 2003). *The Marital Life Course, Gender, and Morbidity in Midlife*, AssociateProfessor of Sociology, Michigan State University.

Erica Gardner (Ph.D., 2003). *Public Health Insurance Expansion among Married Families with Children*. Research Analyst, Population Division, State of Washington.

David Warner (Ph.D. 2004). *The Gendering of Retirement: The Differential Effects of Individual Resources, Health Status, and Current Family Context.* Assistant Professor of Sociology, University of Nebraska, Lincoln.

Michelle Kozimor-King (Ph.D. 2005). *Escaping Poverty: Determinants of Women's Post-Poverty Socioeconomic Success*. Assistant Professor of Sociology, Elizabethtown College.

John Mattison Bradshaw (Ph.D. 2008). *Genetic Influences on Social Life: Evidence, Pathways, and Implications for Sociological Inquiry.* NICHD Postdoctoral Fellow, Carolina Population Center, University of North Carolina, and Assistant Professor of Sociology, Duke University.

Mira Hidajat (Ph.D. 2010). *The Gendering of Mortality and Healthy Life Expectancy within Marriage.* Postdoctoral Fellow, University of Utah.

Ryan Masters (Ph.D. 2011). *The Growing Divide: Cohort Change and U.S. Black and White Adult Mortality*. Robert Wood Johnson Foundation Health and Society Postdoctoral Fellow, Columbia University.

Jennifer Karas Montez (Ph.D. 2011). *Gender Differences in the Developmental Origins of Adult Health*. Robert Wood Johnson Foundation Health and Society Postdoctoral Fellow, Harvard University and Assistant Professor of Sociology, Case Western Reserve University.

Michael McFarland (Ph.D. 2012). *Poverty and the Early-Life Origins of Mental Health: A Biosocial Perspective*. NICHD Postdoctoral Fellow, Princeton University.

Dustin Brown (Ph.D. expected 2013). *The Household Production of Men's and Women's Health*.

(M.A. Chair)

Zhenmei Zhang (M.A., 1999). *The Influence of Childlessness on Depression and Loneliness among American Elders*.

Karen Matuska (M.A. 2002). *Psychological Distress among Native American Adolescents: A National Comparative Study*.

Danielle May (M.A. 2003). *Self-efficacy and Men's Mortality*.

Latrice Best (M.A. 2004). *Race Disparities in Diabetes Prevalence: Is the Culprit Socioeconomic Status?*

(M.A. and Ph.D. Committee Member)

Sociology M.A. Committees: Juanita Chinn (2008); Kristen Miller, and Joseph Laricsy (2009).

Sociology Ph.D. Committees: Mei-Chun Liu (1991), Jan Farkas (1994), Janet Wilmoth (1994), Vincent Ferry (1994), Samantha Friedman (1995), Robert Anderson (1997), Melonie Heron (1999), Bridget Gorman (2000), Bridget Goosby (2003), Haebong Woo (2007); Wanfu Wu, Wei-Pang Wang, Tod Hamilton (2010), Anna Strassman Mueller (2011); Juanita Chinn, and Xiuhong (Helen You (2012), Hernan Manzelli, Yuka Minigawa, Ying-Ting Wang (current)

Agricultural Economics: Qiuyan Wang (2004)

Anthropology: Yoshie Moriki (2007)

Demography (Mahidol University, Thailand): Madee Kanchanakijsakul (2002), Uthaithip Rakchanyaban (2004)

Economics: Karen Mulligan (2012)

Human Development and Family Sciences: Elia Femia (1997), Tasha Snyder (1999), Silvia Bartolic (2012)

Health Policy and Administration: Steve Arcona (1997), Riad Diriani (1999), Kaan Tunceli (2003)

Neuroscience: Michelle Naugle (current)

Nutrition: Domingo Pinero (1998)

Political Science: Timothy Nordstrom (2000)

Public Policy: Stipica Mudrazija (current)

Rural Sociology: Anne Calves (1996), Parfait Eloundou Enyegue (1997)

Statistics: Tzuwei Cheng (1994)

REFERENCES

Dr. Eileen Crimmins, AARP Professor of Gerontology, University of Southern California,
Los Angeles, CA 90089-0191. Phone: 213- 740-1707. Email: crimmin@usc.edu

Dr. Robert Hummer, Centennial Commission Professor of Sociology, University of Texas at Austin,
Austin, TX 78712. Phone: 512-471-8391. Email: rhummer@prc.utexas.edu

Dr. Myron Gutmann, Assistant Director, National Science Foundation, National Science Foundation,
4201 Wilson Blvd, Suite 905, Arlington, VA 22230. Phone: 703-292-8700. Email: mgutmann@nsf.gov