

## CURRICULUM VITAE

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**Education:**

A.B. History, University of Michigan, 1976.  
Ph.D. Economics, Stanford University, 1983.

**Honors, Awards, and Fellowships:**

1972-76 National Merit Scholar, Honors College, University of Michigan.  
1976 Phi Beta Kappa, A.B. with High Distinction and Highest Honors.  
1976 Michigan History Department Prize for Best Honors Thesis.  
1984 Cole Prize for best paper in Journal of Economic History (83/84).  
1987-88 National Fellow, Hoover Institution.  
1987-91 Alfred P. Sloan Research Fellowship.  
1995 Cole Prize for best paper in Journal of Economic History (94/95).  
1996-2001 NIA K01 Research Career Award

**Teaching and Research Experience and Employment:**

1983-87 Assistant Professor of Economics, Yale University.  
1984 Visiting Asst Professor of Economics and Demography, UC Berkeley.  
1987-92 Associate Professor of Economics, Yale University.  
1992-93 Directeur de Recherche, INRA (Paris).  
1993-95 Research Fellow, Population Research Center, NORC and U Chicago.  
1994-99 Visiting Associate Professor, Department of Economics, University of Chicago  
1995-99 Research Associate, Harris School of Public Policy, University of Chicago  
12/99- Research Professor, Survey Research Center, University of Michigan,  
12/99-05 Associate Director, Health and Retirement Study  
8/02- Research Affiliate, Population Studies Center, University of Michigan  
2005-07, Co-Director, Health and Retirement Study  
2007- Director, Health and Retirement Study

**Professional Affiliations:**

Member: International Union for the Scientific Study of Population, Population Association of America, Committee on Population (National Research Council)

## I. PAPERS AND PUBLICATIONS

- Smith, J.A.; Zhao, W.; Yasutake, K.; August, C.; Ratliff, S.M.; Faul, J.D.; Boerwinkle, E.; Chakravarti, A.; Diez Roux, A.V.; Gao, Y.; Griswold, M.E.; Heiss, G.; Kardia, S.L.R.; Morrison, A.C.; Musani, S.K.; Mwasongwe, S.; North, K.E.; Rose, K.M.; Sims, M.; Sun, Y.V.; **Weir, D.R.**; Needham, B.L. Gene-by-Psychosocial Factor Interactions Influence Diastolic Blood Pressure in European and African Ancestry Populations: Meta-Analysis of Four Cohort Studies. *Int. J. Environ. Res. Public Health* **2017**, *14*, 1596.
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- Langa KM, Larson EB, **Weir DR**. Could the Adoption of Unleaded Gasoline in the 1970s Play a Role in the Precipitous Decline in Dementia Prevalence?—Reply. *JAMA Intern Med.* 2017;177(6):893. doi:10.1001/jamainternmed.2017.1083
- Liang Jingjing Thu H Le, Digna R. Velez Edwards, [...], **David R. Weir**, [...], Aravinda Chakravarti, Xiaofeng Zhu, Nora Franceschini. (2018) Single-trait and multi-trait genome-wide association analyses identify novel loci for blood pressure in African-ancestry populations. *PLoS Genet* 14(5): e1007345. <https://doi.org/10.1371/journal.pgen.1007345>
- Ng, Maggie CY, Mariaelisa Graff, Yingchang Lu, [...], **David R. Weir**, [...], Christopher A Haiman, Ruth JF Loos, Kari E North (2017) Discovery and fine-mapping of adiposity loci using high density imputation of genome-wide association studies in individuals of African ancestry: African ancestry anthropometry genetics consortium. *PLoS Genet* 13(4): e1006719. <https://doi.org/10.1371/journal.pgen.1006719>
- Ben-Avraham, Dan, David Karasik, Joe Verghese, [...], **David R. Weir**, [...], Luigi Ferrucci, Douglas P Kiel, Joanne M Murabito, Gil Atzmon (2017). The complex genetics of gait speed: genome-wide meta-analysis approach. *Aging (Albany NY)*, 9(1), 209–246. <http://doi.org/10.18632/aging.101151>
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- Jadhav A, **Weir DR**. "Widowhood and Depression in a Cross-National Perspective: Evidence from the United States, Europe, Korea, and China." *Journals of Gerontology, Series B. Psychological Sciences and Social Sciences*. 2017. doi:10.1093/geronb/gbx021
- Li, Man, Yong Li, Olivia Weeks, **David R Weir**, Daniel Witte, Helena Kuivaniemi 2016. SOS2 and ACP1 loci identified through large-scale exome chip analysis regulate kidney development and function. *Journal of the American Society of Nephrology*, pp.ASN-2016020131.
- Barban, N., Jansen, R., de Vlaming, R.,[...] **Weir DR**, [...] den Hoed, M, Snieder H, Mills M. Genome-wide analysis identifies 12 loci influencing human reproductive behavior. *Nature Genetics*. 2016;48(12):1462-1472. doi:10.1038/ng.3698.  
<http://www.ncbi.nlm.nih.gov/pubmed/27798627?dopt=Abstract>
- Langa, Kenneth M., Eric B. Larson, Eileen M. Crimmins, Jessica D. Faul, Deborah A. Levine, Mohammed U. Kabeto, and **David R. Weir**. "A Comparison of the Prevalence of Dementia in the United States in 2000 and 2012." *JAMA Internal Medicine* 177, no. 1 (2017): 51-58
- Puterman, Eli, Alison Gemmill, Deborah Karasek, **David Weir**, Nancy E. Adler, Aric A. Prather, and Elissa S. Epel. "Lifespan adversity and later adulthood telomere length in the nationally representative US Health and Retirement Study." *Proceedings of the National Academy of Sciences* 113, no. 42 (2016): E6335-E6342
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- Linda Broer, Aron S. Buchman, Joris Deelen,[...] **David R. Weir**, Anne B. Newman, Cornelia M. van uijn, and Joanne M. Murabito, "GWAS of Longevity in CHARGE Consortium Confirms APOE and FOXO3 Candidacy," The Journals of Gerontology Series A Biological Sciences and Medical Sciences 70(1):110-118 (2015) , first published online Sept. 8, 2014. DOI: 10.1093/gerona/glu166
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- Angela Duckworth, **David Weir**, Eli Tsukayama, and David Kwok, “Who does well in life? Conscientious adults excel in both objective and subjective success,” Frontiers in Psychology 3(356). 28 September, 2012.
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- M. Paul, Ronald C. Petersen, Mark A. Sager, Mary Sano, Dale Schenk, Holly Soares, Reisa A. Sperling, Sidney M. Stahl, Vivianna van Deerlin, Yaakov Stern, **David Weir**, David A. Wolk, John Q. Trojanowski, "Advancing Alzheimer's disease diagnosis, treatment, and care: Recommendations from the Ware Invitational Summit," Alzheimer's and Dementia 8:445-452 (2012)
- Joseph W. Saskhaug, Mick P. Couper, Mary Beth Ofstedal, and **David R. Weir**, "Linking Survey and Administrative Records: Mechanisms of Consent," Sociological Methods and Research 41(4):535-569 (Nov. 2012)
- Philippa Clarke, Victor W. Marshall, and **David Weir**, "Unexpected retirement from full time work after age 62: consequences for life satisfaction in older Americans" European Journal of Ageing 9(3):207-219 (2012)
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- Eileen M. Crimmins, Jung-Ki Kim, Kenneth M. Langa, and **David R. Weir**, "Assessment of Cognition Using Surveys and Neuropsychological Assessment: The Health and Retirement Study and the Aging, Demographic, and Memory Study," Journals of Gerontology Series B: Psychological Sciences and Social Sciences 66B(Suppl 1):i162-i171, 2011.
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- David R. Weir**, Jessica D. Faul, Kenneth M. Langa, "Proxy Interviews and Bias in the Distribution of Cognitive Abilities Due to Non-Response in Longitudinal Studies: A comparison of HRS and ELSA." Longitudinal and Life Course Studies. 2(2):170-184, 2011
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- Mary Beth Ofstedal and **David R. Weir**, "Recruitment and Retention of Minority Participants in the Health and Retirement Study," The Gerontologist. 51(S1):S8-S20 (2011)
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- Angela Lee Duckworth and **David R. Weir**, “Personality, Lifetime Earnings, and Retirement Wealth,” Michigan Retirement Research Center Working Paper #2010-235, October, 2010
- Robert M. Hauser and **David R. Weir**, “Recent Developments in Longitudinal Studies of Aging,” Demography 47 (Supplement):S111-S130 (2010).
- Helen Levy and **David Weir**, “Take-Up of Medicare Part D: Early Results from the Health and Retirement Study” Journals of Gerontology Series B: Psychological Sciences and Social Sciences, 65(4): July, 2010
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- Kenneth M Langa, David J Llewellyn, Iain A Lang, **David R Weir**, Robert B Wallace, Mohammed U Kabeto, Felicia A Huppert, “Cognitive Health among Older Adults in the United States and in England,” BMC Geriatrics 9:23, (June, 2009).
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**David R. Weir** and David O. Meltzer, “Mortality Decline, the Baby Boom, and Social Security’s Retirement Rules” May, 2000.

Kenneth Langa, Langa, Sandeep Vijan Rodney Hayward, Michael Chernew, Caroline Blaum, Mohammed Kabeto, **David Weir**, Steven Katz, Robert Willis, Mark Fendrick, “Informal Caregiving for Diabetes and Diabetic Complications Among Elderly Americans,” Journals of Gerontology: Social Sciences 57B(3):S177-S186, 2002

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**David R. Weir**, "Family Income, Mortality, and Fertility on the Eve of the Demographic Transition: A Case Study of Rosny-sous-Bois," Journal of Economic History (March, 1995).

**David R. Weir**, "New Estimates of Nuptiality and Marital Fertility in France, 1740-1911," Population Studies July, 1994.

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## **Research Grants**

### **Ongoing Research Support as PI**

NIA U01 AG009740-23 (PI) 1/1/12-12/31/17

#### **Health and Retirement Study**

This project is for three additional waves of data collection on an established panel designed to study development throughout the second half of life. Special emphasis is given to the measurement of economic and health status variables.

NIA U01 AG009740-26S1 (Weir) 8/1/15-12/31/17 (\$17.9million)

**Health and Retirement Study New Cohort Revision.** This project uses innovative sampling methods to list, screen, and recruit a new cohort of 5,200 late baby boomers (b 1960-65) to the HRS.

NIA U01 AG009740-26S2 (Weir)9/1/15-12/31/17 (\$16.1million)

**Health and Retirement Study Venous Blood Revision.** This project will collect samples of whole blood from panel participants in the HRS for repository storage and immediate assays from which data will be made available to the research community.

NIA U01 AG009740-26S3 (Weir) 9/1/15-12/31/17 (\$7.7million)

**Health and Retirement Study Population Study of Dementia Revision.** This project will conduct an extensive cognitive assessment of 3,000 HRS participants over age 65, harmonized to similar longitudinal aging studies around the world.

### **Recent Completed Research Support**

NIA RC4 AG039029-01 (PI) 9/30/10-8/31/13

#### **Expanding a National Resource for Genetic Research in Behavioral & Health Science**

This ARRA project will expand the genetic database on HRS respondents to include new participants providing samples in 2010 and 2012. It will also conduct illustrative GWAS analyses on cardiovascular and cognition outcomes.

NIA R01 AG020717-06 (Kapteyn, RAND) 7/1/08-4/30/13

#### **Internet Interviewing and the HRS**

The UM will perform two major tasks under this subcontract. It will manage and conduct all internet interviews with HRS respondents, and it will provide design leadership on the internet approaches to the measurement of preference parameters, for both the ALP and HRS surveys.

National Football League (Weir, PI) 8/1/08-3/31/09

#### **Retired NFL Players Survey**

This project examined the characteristics and needs of former NFL players who are vested for retirement, covered by disability insurance or are actively participating in the NFL's retirement pension system.

NIA K01AG00703 2/1/96 - 1/31/01

**Research Training in Economic Aspects of Chronic Disease**

Special Emphasis Research Career Award in the Economics and Demography of Aging.