

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

- Liu, M., Jiang, Y., Wedow, R., Li, Y., Brazel, D. M., Chen, F., ..**Weir, D.** ...& Zhan, X. (2019). Association studies of up to 1.2 million individuals yield new insights into the genetic etiology of tobacco and alcohol use. *Nature genetics*, 51(2), 237.
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- Sung, Y. J., Winkler, T. W., de Las Fuentes, L., Bentley, A. R., Brown, M. R., Kraja, A. T., **Weir, D.R.**,... & Lu, Y. (2018). A large-scale multi-ancestry genome-wide study accounting for smoking behavior identifies multiple significant loci for blood pressure. *The American Journal of Human Genetics*, 102(3), 375-400.
- Kilpeläinen, T. O., Bentley, A. R., Noordam, R., Sung, Y. J., Schwander, K., Winkler, T. W.,...**Weir, D.R.** ... & Aschard, H. (2019). Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. *Nature communications*, 10(1), 376.
- Bentley, A. R., Sung, Y. J., Brown, M. R., Winkler, T. W., Kraja, A. T., Ntalla, I.,...**Weir, D.R.**, ... & Guo, X. (2019). Multi-ancestry genome-wide gene–smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. *Nature Genetics*, 51(4), 636.
- Sung, Y. J., de las Fuentes, L., Winkler, T. W., Chasman, D. I., Bentley, A. R., Kraja, A. T.,, **Weir, D.R.**,... & Manning, A. K. (2019). A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. *Human molecular genetics*.
- Feitosa MF, Kraja AT, Chasman DI, Sung YJ, Winkler TW, Ntalla I,...**Weir DR**,...Levy D. (2018) Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. PLoS ONE 13(6): e0198166. <https://doi.org/10.1371/journal.pone.0198166>
- 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.; Kardina, 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.*

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- Kristine Yaffe, MD; Sudha Seshadri, MD; Mary N Haan, DrPH, MPH; **David R Weir**, PhD, "Development and validation of a brief dementia screening indicator for primary care," Alzheimer's & Dementia 10(6):656-665.e1 (Nov. 2014)
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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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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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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).
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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.