

## CURRICULUM VITAE

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### David R. Weir, PHD

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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,  
National Institute on Aging National Council on Aging

## I. PAPERS AND PUBLICATIONS

- Graham, S.E., Clarke, S.L., Wu, K.H.H., Kanoni, S., Zajac, G.J., Ramdas, S., Surakka, I., Ntalla, I., Vedantam, S., Winkler, T.W. and Locke, A.E., 2021. The power of genetic diversity in genome-wide association studies of lipids. *Nature*, 600(7890), pp.675-679.
- Briceño, Emily M., Miguel Arce Rentería, Alden L. Gross, Richard N. Jones, Christopher Gonzalez, Rebeca Wong, David R. Weir, Kenneth M. Langa, and Jennifer J. Manly. "A cultural neuropsychological approach to harmonization of cognitive data across culturally and linguistically diverse older adult populations." *Neuropsychology* (2022). Online ahead of print.
- Kezdi, Gabor, Margaret Lay, and David Weir. "Recent trends in wealth inequality among older Americans in two surveys." *Journal of Economic and Social Measurement* vol. 45, no. 3-4, pp. 215-236, Feb. 2022.
- Thyagarajan, Bharat, Jessica Faul, Sithara Vivek, Jung K. Kim, Janko Nikolich-Žugich, David Weir, and Eileen M. Crimmins. "Age-Related Differences in T-Cell Subsets in a Nationally Representative Sample of People Older Than Age 55: Findings From the Health and Retirement Study." *The Journals of Gerontology: Series A* (2021).
- Cupery, Tim, Evelyn Bush, Robert W. Turner, Amanda Sonnega, Teri Rosales, Kalpana Vissa, Keith E. Whitfield, James S. Jackson, and David Weir. "Positive Effects of Religion and Social Ties on the Health of Former NFL Athletes." *Journal of Religion and Health* (2021): 1-19.
- Sun, Daokun, Melissa A. Richard, Solomon K. Musani, Yun Ju Sung, Thomas W. Winkler, Karen Schwander, Jin Fang Chai et al. "Multi-ancestry genome-wide association study accounting for gene-psychosocial factor interactions identifies novel loci for blood pressure traits." *Human Genetics and Genomics Advances* 2 (100013), pp 1-12. (2021)
- Graff, Mariaelisa, Anne E. Justice, Kristin L. Young, Eirini Marouli, Xinruo Zhang, Rebecca S. Fine, Elise Lim et al. "Discovery and fine-mapping of height loci via high-density imputation of GWASs in individuals of African ancestry." *The American Journal of Human Genetics* 108, no. 4 (2021): 564-582.
- Hu, Peifeng, Jinkook Lee, Sidney Beaumaster, Jung Ki Kim, Sharmistha Dey, **David Weir**, and Eileen M. Crimmins. "Cognitive Function and Cardiometabolic-Inflammatory Risk Factors Among Older Indians and Americans." *Journal of the American Geriatrics Society* 68 (2020): S36-S44.
- Crimmins, Eileen M., Bharat Thyagarajan, Morgan E. Levine, **David R. Weir**, and Jessica Faul. "Associations of Age, Sex, Race/Ethnicity, and Education With 13 Epigenetic Clocks in a Nationally Representative US Sample: The Health and Retirement Study." *The Journals of Gerontology: Series A* (2021).
- Crimmins, Eileen M., Bharat Thyagarajan, Jung Ki Kim, **David Weir**, and Jessica Faul. "Quest for a summary measure of biological age: the health and retirement study." *GeroScience* (2021): 1-14.
- Bush, Evelyn, Tim Cupery, Robert W. Turner, Amanda Sonnega, **David Weir**, Keith E. Whitfield, and James S. Jackson. "The Price of Playing Through Pain: The Link Between Physical and Behavioral Health in Former NFL Athletes." *American Journal of Men's Health* 14, no. 6 (2020): 1557988320975541.

- Surendran, P., Feofanova, E.V., Lahrouchi, N. *et al.* Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. *Nat Genet* **52**, 1314–1332 (2020). <https://doi.org/10.1038/s41588-020-00713-x>
- Jian, Xueqiu, Tamar Sofer, Wassim Tarraf, Jan Bressler, Jessica D. Faul, Wei Zhao, Scott M. Ratliff *et al.* "Genome-wide association study of cognitive function in diverse Hispanics/Latinos: results from the Hispanic Community Health Study/Study of Latinos." *Translational psychiatry* 10, no. 1 (2020): 1-13.
- de las Fuentes, Lisa, Yun Ju Sung, Raymond Noordam, Thomas Winkler, Mary F. Feitosa, Karen Schwander, Amy R. Bentley *et al.* "Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci." *Molecular Psychiatry* (2020): 1-15.
- Clark, David W., Yukinori Okada, Kristjan HS Moore, Dan Mason, Nicola Pirastu, Ilaria Gandin, Hannele Mattsson *et al.* "Associations of autozygosity with a broad range of human phenotypes." *Nature communications* 10, no. 1 (2019): 1-17.
- Newman, A.B., Kritchevsky, S.B., Guralnik, J.M., Cummings, S.R., Salive, M., Kuchel, G.A., Schrack, J., Morris, M.C., **Weir, D.**, Baccarelli, A. and Murabito, J.M., 2020. Accelerating the Search for Interventions Aimed at Expanding the Health Span in Humans: The Role of Epidemiology. *The Journals of Gerontology: Series A*, 75(1), pp.77-86.
- Turner, Robert W., Amanda Sonnega, Tim Cupery, Joshua Chodosh, Keith E. Whitfield, **David Weir**, and James S. Jackson. "Functional Limitations Mediate the Relationship Between Pain and Depressive Symptoms in Former NFL Athletes." *American journal of men's health* 13, no. 5 (2019): 1557988319876825.
- Langa, Kenneth M., Lindsay H. Ryan, Ryan J. McCammon, Richard N. Jones, Jennifer J. Manly, Deborah A. Levine, Amanda Sonnega, Madeline Farron, and **David R. Weir**. "The health and retirement study harmonized cognitive assessment protocol project: study design and methods." *Neuroepidemiology* 54, no. 1 (2020): 64-74.
- Evangelou, Evangelos, He Gao, Congying Chu, Georgios Ntritsos, Paul Blakeley, Andrew R. Butts, Raha Pazoki *et al.* "New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders." *Nature human behaviour* 3, no. 9 (2019): 950-961.
- Deelen, Joris, Daniel S. Evans, Dan E. Arking, Niccolò Tesi, Marianne Nygaard, Xiaomin Liu, Mary K. Wojczynski *et al.* "A meta-analysis of genome-wide association studies identifies multiple longevity genes." *Nature communications* 10, no. 1 (2019): 1-14.
- Sung, Yun Ju, Lisa de Las Fuentes, Thomas W. Winkler, Daniel I. Chasman, Amy R. Bentley, Aldi T. Kraja, Ioanna Ntalla *et al.* "A multi-ancestry genome-wide study incorporating gene–smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure." *Human molecular genetics* 28, no. 15 (2019): 2615-2633.
- De Vries, Paul S., Michael R. Brown, Amy R. Bentley, Yun J. Sung, Thomas W. Winkler, Ioanna Ntalla, Karen Schwander *et al.* "Multi-ancestry genome-wide association study of lipid levels incorporating gene-alcohol interactions." *American journal of epidemiology* 188, no. 6 (2019): 1033-1054.

- Brazel, David M., Yu Jiang, Jordan M. Hughey, Valérie Turcot, Xiaowei Zhan, Jian Gong, Chiara Batini et al. "Exome chip meta-analysis fine maps causal variants and elucidates the genetic architecture of rare coding variants in smoking and alcohol use." *Biological psychiatry* 85, no. 11 (2019): 946-955.
- 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.
- Thyagarajan, B., Barcelo, H., Crimmins, E., **Weir, D.**, Minnerath, S., Vivek, S., & Faul, J. (2018). Effect of delayed cell processing and cryopreservation on immunophenotyping in multicenter population studies. *Journal of immunological methods*, 463, 61-70.
- Erzurumluoglu, A. M., Liu, M., Jackson, V. E., Barnes, D. R., Datta, G., Melbourne, C. A., ... **Weir, D. R.** & Adnan, S. D. (2019). Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. *Molecular psychiatry*, 1.
- Weir, D. R.**, Waite, L. J., Wong, R., & Freedman, V. A. (2018, June). New Measures and New Designs in Demography of Aging Research. In *Future Directions for the Demography of Aging: Proceedings of a Workshop*. National Academies Press.
- Davies, G., Lam, M., Harris, S. E., Trampush, J. W., Luciano, M., Hill, W. D., ...**Weir, D.R.**, ...& Deary, I. J. (2018). Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. *Nature communications*, 9(1), 2018.
- 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.
- Weir, David** and Kenneth Langa. 2018. "How Well Can Medicare Records Identify Seniors with Cognitive Impairment Needing Assistance with Financial Management?" University of Michigan Retirement Research Center (MRRC) Working Paper, WP 2018-391. Ann Arbor, MI. <https://mrdrc.isr.umich.edu/publications/papers/pdf/wp391.pdf>
- 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.; 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.

**Weir D.** (2018) Biomarkers in Representative Population Surveys. In: Vannette D., Krosnick J. (eds) The Palgrave Handbook of Survey Research. Palgrave Macmillan, Cham [https://doi.org/10.1007/978-3-319-54395-6\\_29](https://doi.org/10.1007/978-3-319-54395-6_29)

Chang VW, Langa KM, **Weir D**, Iwashyna TJ (2017) The obesity paradox and incident cardiovascular disease: A population-based study. PLoS ONE 12(12): e0188636.  
<https://doi.org/10.1371/journal.pone.0188636>

Joshi, Peter K., Nicola Pirastu, Katherine A. Kentistou, [...] **David R. Weir**, [...], Tõnu Esko, Zoltán Kutalik, James F Wilson. "Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity." *Nature communications* 8, no. 1 (2017): 910.

Direk, Nese, Stephanie Williams, Jennifer A. Smith, [...], **David R. Weir**, [...] Wei Zhao, Henning Tiemeier, Patrick F. Sullivan. "An analysis of two genome-wide association meta-analyses identifies a new locus for broad depression phenotype." *Biological psychiatry* 82, no. 5 (2017): 322-329.

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>

Domingue BW, Belsky DW, Harrati A, Dalton C. Conley, **Weir DR**, Boardman JD. "Mortality selection in a genetic sample and implications for association studies." *International Journal of Epidemiology*. 46(4):1285-1294 doi:10.1093/ije/dyx041.  
<http://www.ncbi.nlm.nih.gov/pubmed/28402496>

Levine, Morgan E., Eileen M. Crimmins, **David R. Weir** and Steve W. Cole 2017. "Contemporaneous Social Environment and the Architecture of Late-Life Gene Expression Profiles" *American Journal of Epidemiology* 186 (5):503-509

- 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
- Dunn, E. C., Wiste, A., Radmanesh, F., Almlí, L. M., Gogarten, S. M., Sofer, T., Faul, J. D., Kardina, S. L. R., Smith, J. A., **Weir, D. R.**, Zhao, W., Soare, T. W., Mirza, S. S., Hek, K., Tiemeier, H., Goveas, J. S., Sarto, G. E., Snively, B. M., Cornelis, M., Koenen, K. C., Kraft, P., Purcell, S., Ressler, K. J., Rosand, J., Wassertheil-Smoller, S. and Smoller, J. W., "Genome-wide Association Study (GWAS) and Genome-wide by Environment Interaction study (GWEIS) of Depressive Symptoms in African American and Hispanic/Latina Women." Depression and Anxiety, 2016, 33: 265–280. doi:10.1002/da.2248
- Matteini, A. M., Tanaka, T., Karasik, D., [...] **Weir, D. R.**, [...] Walston, J. D., Kiel, D. P. and Murabito, J. M., "GWAS analysis of handgrip and lower body strength in older adults in the CHARGE consortium." Aging Cell, 2016: 15: 792–800. doi:10.1111/accel.12468
- Liu, Chunyu, Aldi T. Kraja, Jennifer A. Smith, [...] **David R. Weir**, [...]. Christopher Newton-Cheh, Daniel Levy & Daniel I Chasman, "Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci." Nature Genetics 48, no. 10 (2016): 1162-1170
- Okbay A, Beauchamp JP, Fontana MA, [...] **Weir DR**, [...] Koellinger PD, Cesarini D, Benjamin DJ. "Genome-wide association study identifies 74 loci associated with educational attainment" Nature. 2016 May 11;533(7604):539-42.
- Okbay A, Baselmans BM, De Neve JE, [...] **Weir DR**, [...] Benjamin DJ, Bartels M, Cesarini D. "Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses" Nature Genetics. 2016 Jun;48(6):624-33
- .Demirkan A, Lahti J, Direk N, Viktorin A, [...] **Weir DR**, [...] Tiemeier H, van Duijn CM, Raikonen K. "Somatic, positive and negative domains of the Center for Epidemiological Studies Depression (CES-D) scale: a meta-analysis of genome-wide association studies", Psychological Medicine. 2016 Jun;46(8):1613-23.

- Day FR, Ruth KS, Thompson DJ, Lunetta KL, [...] **Weir DR**, [...] Murabito JM, Perry JRB, Murray A. "Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair" Nature Genetics. 2015 Nov; 47(11):1294-303.
- Peter K. Joshi, Tonu Esko, Hannele Mattsson, [...] **David R. Weir**, [...], Markus Perola, Ozren Polašek and James F. Wilson, "Directional dominance on stature and cognition in diverse human populations," Nature 523 (7561): 459-462 doi:10.1038/nature14618
- Cole SW, Levine ME, Arevalo JM, Ma J, **Weir DR**, Crimmins EM. Loneliness, eudaimonia, and the human conserved transcriptional response to adversity. Psychoneuroendocrinology. 2015 Dec;62:11-7. doi: 10.1016/j.psyneuen.2015.07.001. PMID: 26246388; PMCID: PMC4637182.
- Kevin T. Nead, Aihua Li, Mackenzie R. Wehner[...] **David Weir** [...] Joseph Beyene, Sonia S. Anand, and David Meyre, "Contribution of common non-synonymous variants in PCSK1 to body-mass index variation and risk of obesity: a systematic review and meta-analysis with evidence from up to 331,175 individuals." Human Molecular Genetics. ( 2015 Jun 15; 24(12):3582-94. doi: 10.1093/hmg/ddv097. Epub 2015 Mar 17)
- Davies G, Armstrong N, Bis JC, Bressler J,[...] **Weir, DR**, [...] Seshadri S, Mosley TH, Deary IJ. "Genetic contributions to variation in general cognitive function: a meta-analysis of genome-wide association studies in the CHARGE Consortium (N = 53 949)". Molecular Psychiatry. (2015 Feb; 20(2):183-92. doi: 10.1038/mp.2014.188. Epub 2015 Feb 3.)
- Adam E. Locke, Bratati Kahali, Sonja I. Berndt, [...] **David R. Weir**, [...], Joel N. Hirschhorn, Ruth J. F. Loos& Elizabeth K. Speliotes, "Genetic studies of body mass index yield new insights for obesity biology," Nature 518:197-206 (12 February, 2015). doi:10.1038/nature14177
- Morgan E. Levine, Stephen W. Cole, **David R. Weir**, and Eileen M. Crimmins, "Childhood and Later Life Stressors and Increased Inflammatory Gene Expression at Older Ages," Social Science & Medicine 130:16-22 (April, 2015) DOI: 10.1016/j.socscimed.2015.01.030
- Nathan A. Bihlmeyer, Jennifer A. Brody,[...] **David R. Weir**, [...] Dan E. Arking, "Genetic diversity is a predictor of mortality in humans." BMC genetics 15(1):1274 (2014) DOI: 10.1186/s12863-014-0159-7
- 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
- David Weir**, Margaret Lay, and Kenneth Langa, "Economic development and gender inequality in cognition: A comparison of China and India, and of SAGE and the HRS sister studies" Journal of the Economics of Ageing 2014:114-125 doi: 10.1016/j.jeoa.2014.08.002
- Sonnega A, Faul JD, Ofstedal MB, Langa KM, Phillips JWR, **Weir DR**. "Cohort Profile: the Health and Retirement Study (HRS)." International Journal of Epidemiology. 2014; 43 (2): 576-585
- Crimmins E, Kim JK, McCreath H, Faul J, **Weir D**, Seeman T. "Validation of Blood-based Assays using Dried Blood Spots for use in Large Population Studies." Biodemography and Social Biology

2014; 60(1): 38-48 doi: 10.1080/19485565.2014.901885

Deborah E Barnes, Ph.D., M.P.H.; Alexa S Beiser, PhD; Anne Lee, BA; Kenneth M Langa, MD, PhD; Alain Koyama, MS; Sarah R Preis, ScD, MPH; John Neuhaus, PhD; Ryan J McCammon, AB; 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)

Lauren H. Nicholas, Julie P.W. Bynum, Theodore J. Iwashyna, **David R. Weir** and Kenneth M. Langa, "Advance Directives And Nursing Home Stays Associated With Less Aggressive End-Of-Life Care For Patients With Severe Dementia" Health Affairs 33(4):667-674 April, 2014 doi: 10.1377/hlthaff.2013.1258

Sakshaug Joseph W, **David R Weir**, and Lauren H Nicholas, "Identifying diabetics in Medicare claims and survey data: implications for health services research," BMC Health Services Research.2014, 14:150, pp.1-6. DOI: 10.1186/1472-6963-14-150

Helen Levy, Peter Ubel, Amanda Dillard, **David Weir**, and Angela Fagerlin, "Health Numeracy: The Importance of Domain in Assessing Numeracy, Medical Decision-Making," 34(1): 107 – 115, Jan. 2014

Towfique Raj, Lori Chibnik, Cristin McCabe, Barbara Stranger, Lisa L. Barnes, **David Weir**, Richard Mayeux, Tatiana Froud, David Bennett, Kathleen Steele Hall, Jill Murrell, Denis Evans, Philip de Jager, "Genome-wide association study and admixture mapping of age-related cognitive decline in African-Americans," Alzheimer's & Dementia, 9(4): P678-P679 (July, 2013)

Franceschini N, Fox E, Zhang Z, Edwards TL, Nalls MA, Sung YJ, Tayo BO, Sun YV, Gottesman O, Adeyemo A, Johnson AD, Young JH, Rice K, Duan Q, Cheng F, Li Y, Tang H,..., **Weir DR**, et al. "Genome-wide Association Analysis of Blood Pressure Traits in Nearly 30,000 African Ancestry Individuals Reveals a Common Set of Associated Genes in African and non-African Populations." American Journal of Human Genetics 93(3): 545-54, 5 September, 2013.

Rietveld CA, Medland SE, Derringer J, Yang J, Esko T, Martin NW, Westra HJ, Shakhbazov K, Abdellaoui A, Agrawal A, Albrecht E, Alizadeh BZ, Amin N, Barnard J, Baumeister SE, ..., **Weir DR**, et al. "GWAS of 126,559 Individuals Identifies Genetic Variants associated with Educational Attainment." Science 340(6139): 1467-71, 21 June, 2013

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.

Mary D. Naylor, Jason H. Karlawish, Steven E. Arnold, Ara S. Khachaturian, Zaven S. Khachaturian, Virginia M.-Y. Lee, Matthew Baumgart, Sube Banerjee, Cornelia Beck, Kaj Blennow, Ron Brookmeyer, Kurt R. Brunden, Kathleen C. Buckwalter, Meryl Comer, Kenneth Covinsky, Lynn Friss Feinberg, Giovanni Frisoni, Colin Green, Renato Maia Guimaraes, Lisa P. Gwyther, Franz F. Hefti, Michael Hutton, Claudia Kawas, David M. Kent, Lewis Kuller, Kenneth M. Langa, Robert W. Mahley, Katie Maslow, Colin L. Masters, Diane E. Meier, Peter J. Neumann, Steven M. Paul, Ronald C. Petersen, Mark A. Sager, Mary Sano, Dale Schenk, Holly Soares, Reisa A. Sperling, Sidney M. Stahl, Viviana 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)
- Lauren Hersch Nicholas, Kenneth M. Langa, T.J. Iwashyna, and **David R. Weir**, "Regional variation in the association between advance directives and end-of-life Medicare expenditures," JAMA, 306(13):1447-1453, 2011
- 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.
- Plassman, B. L., Langa, K. M., McCammon, R. J., Fisher, G. G., Potter, G. G., Burke, J.R., Steffens, D. C., Foster, N. L., Giordani, B., Unverzagt, F. W., Welsh-Bohmer, K. A., Heeringa, S. H., **Weir, D. R.**, & Wallace, R. B. (2011). Incidence of Dementia and Cognitive Impairment Not Dementia in the United States. Annals of Neurology 70(3):418-426, September 2011
- 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
- Robert M. Hauser and **David R. Weir**, "Longitudinal Studies of Aging in the United States," EurAmerica 41(1):87-179, March 2011
- Birnie K, Cooper R, Martin RM, Kuh D, Aihie Sayer A, Alvarado BE, Bayer A, Christensen K, Cho S, Cooper C, Corley J, Craig L, Deary IJ, Demakakos P, Ebrahim S, Gallacher J, Gow AJ, Gunnell D, Haas S, Hemmingsson T, Inskip H, Jang S, Noronha K, Osler M, Palloni A, Rasmussen F, Santos-Eggimann B, Spagnoli J, Starr J, Steptoe A, Syddall H, Tynelius P, **Weir D**, Whalley LJ, Zunzunegui MV, Ben-Shlomo Y, Hardy R on behalf of the HALCYon study team 'Childhood socioeconomic position and objectively measured physical capability levels in adulthood: a systematic review and meta-analysis' PLoS ONE 6(1):1-13, January, 2011
- 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)
- Noreen Goldman, Cassio Turra, Luis Rosero-Bixby, **David Weir**, Eileen Crimmins, "Do biological measures mediate the relationship between education and health: A comparative study," Social Science and Medicine, 72(2):307-315, January, 2011
- David R. Weir**, Robert B. Wallace, Kenneth M. Langa, Brenda L. Plassman, Robert S. Wilson, David A. Bennett, Ranjan Dua, David Loewenstein, Mary Ganguli, Mary Sano, " Reducing case ascertainment costs in US population studies of Alzheimer's disease, dementia, and cognitive impairment—Part 1" Alzheimer's & Dementia 7 (2011) 94–109

- Robert S. Wilson, **David R. Weir**, Sue E. Leurgans, Denis A. Evans, Liesi E. Hebert, Kenneth M. Langa, Brenda L. Plassman, "Sources of variability in estimates of the prevalence of Alzheimer's disease in the United States" Alzheimer's & Dementia 7 (2011) 74–79
- 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
- Caroline Blaum, Christine Cigolle, Cynthia Boyd, Jennifer Wolff, Zhiyi Tian, Kenneth Langa, **David Weir**, "Clinical Complexity in Middle-Aged and Older Adults With Diabetes: The Health and Retirement Study," Medical Care: 48(4):327-334 (April, 2010).
- David R. Weir**, "Socio-Economic Status and Mortality: Perceptions and Outcomes," Population Association of America Annual Meeting, April, 2010.
- 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).
- Donald Taylor, Truls Ostbye, Kenneth Langa, **David Weir**, Brenda Plassman, "The Accuracy Of Medicare Claims As An Epidemiological Tool: The Case Of Dementia Revisited," Journal of Alzheimer's Disease 17(4):807-815 (August 2009)..
- Brenda Plassman, Kenneth Langa, Gwenith Fisher, Steven Heeringa, **David Weir**, Mary Beth Ofstedal, James Burke, Michael Hurd, George Potter, Willard Rodgers, David Steffens, John J. McArdle, Robert Willis, and Robert Wallace, "Prevalence Of Cognitive Impairment Without Dementia In The United States," Annals of Internal Medicine 148(6): 427-434, (March, 2008)
- David R. Weir**, "Elastic Powers: The Integration of Biomarkers into the Health and Retirement Study," in M. Weinstein, J. W. Vaupel and K Wachter (Eds.), Bio-social surveys: Current insight and future promise National Research Council: Washington, DC. The National Academies Press, pp. 78-95, 2008.
- Michele Heisler, Jessica Faul, Rodney Hayward, Kenneth Langa, Caroline Blaum, **David Weir**, "Mechanisms for Racial and Ethnic Disparities in Glycemic Control among Middle-Aged and Older Americans in the HRS" Archives of Internal Medicine 167(17): 1853-1860 (Sept., 2007)
- Eve A. Kerr, Michele Heisler, Sarah L. Krein, Mohammed Kabeto, Kenneth M. Langa, **David R. Weir**, and John D. Piette, "Beyond Comorbidity Counts: How Do Comorbidity Type and Severity Influence Diabetes Patients' Treatment Priorities and Self-Management," Journal of General Internal Medicine 22(12): 1635-40, Dec. 2007.
- Michele Heisler, Ian Cole, **David Weir**, Eve Kerr, Rodney Hayward, "How Does Provider Communication Influence Older Patients' Diabetes Self-Management and Glycemic Control? Results from the Health and Retirement Study (HRS) ," Journals of Gerontology: Medical

Sciences 62(12): 1435-1442, Dec. 2007.

Brenda Plassman, Kenneth Langa, Gwenith Fisher, Steven Heeringa, **David Weir**, Mary Beth Ofstedal, James Burke, Michael Hurd, George Potter, Willard Rodgers, David Steffens, Robert Willis, and Robert Wallace, "The Prevalence of Dementia in the United States: The Aging, Demographics, and Memory Study." Neuroepidemiology 29:125-232, 2007

**David R. Weir**, "Are Baby Boomers Living Well Longer," in Brigitte Madrian, Olivia Mitchell, and Beth Soldo, eds., Redefining Retirement: How will Boomers Fare? (Oxford University Press, 2007), pp. 95-111.

**David R. Weir** and James P. Smith, "Do Panel Surveys Really Make People Sick?:" Social Science and Medicine 65(6): 1071-77 (September, 2007).

Purvi Sevak, **David R. Weir**, and Robert J. Willis, "The Economic Consequences of a Husband's Death: Evidence from the HRS and AHEAD", Social Security Bulletin 65(3):31-44, 2005.

Jose Ness, Dominic J. Cirillo, **David R. Weir**, Nicole L. Nisly, and Robert B. Wallace, "Use of Complementary Medicine in Older Americans: Results From the Health and Retirement Study" The Gerontologist 45:516-524 (2005)

Langa KM, Plassman BL, Wallace RB, Herzog AR, Heeringa SG, Ofstedal MB, Burke JR, Fisher GG, Fultz NH, Hurd MD, Potter GG, Rodgers WR, Steffens DC, **Weir DR**, Willis, RJ. "The Aging, Demographics and Memory Study: Design and Methods." Neuroepidemiology 2005;25:181-191

Langa KM, Larson EB, Wallace RB, Fendrick AM, Foster NL, Kabeto MU, **Weir DR**, Willis RJ, Herzog AR. "Out-of-pocket health care expenditures among older Americans with dementia," Alzheimer Disease and Associated Disorders 18(2):90-98, 2004.

**David R. Weir**, and Beth J. Soldo, "Medicare Knowledge, Attitudes, and Take-up of Managed Care", paper presented at the Gerontological Society meetings, November, 2004.

**David R. Weir**, "Modes, Trends, and Content: A Comparison of the 2003 HRS Internet Survey with HRS 2002 and 2004 Core Survey Responses for Evaluative, Subjective, and Objective Content." August, 2004

Thomas A. Mroz and **David R. Weir**, "Stochastic Dynamic Optimization Models with Random Effects in Parameters: an Application to Age at Marriage and Life Cycle Fertility Control in Old Regime France," in Timothy Guinnane, William Sundstrom, and Warren Whatley eds., History Matters, (Stanford, CA: Stanford University Press, 2004), pp. 483-510

Regula Herzog, Robert Willis, and **David Weir**, "Research on Aging", in James House, F. Thomas Juster, Robert Kahn, Howard Schuman and Eleanor Singer, eds., A Telescope on Society: Survey Research and Social Science at the University of Michigan and Beyond (Ann Arbor, MI: University of Michigan Press, 2004), pp. 330-354.

**David R. Weir**, Robert J. Willis, and Willard L. Rodgers, "Cognitive Abilities and the Quality of Response to Economic Surveys" Ninth TMR Conference on Savings and Pensions.

**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
- William J. Elliott, **David R. Weir**, and Henry Black, "Cost-Effectiveness of the Lower Treatment Goal (of JNC VI) for Diabetic Hypertensives" Arch Intern Med 2000;160:1277-1283
- David R. Weir**, and Robert J. Willis, "Prospects for Widow Poverty in the Finances of Married Couples in the HRS", in Olivia Mitchell, P. Brett Hammond, and Anna Rappaport, eds. Forecasting Retirement Needs and Retirement Wealth. (Philadelphia: University of Pennsylvania Press, 2000), pp. 208-234.
- William J. Elliott and **David R. Weir**, "Comparative Cost-Effectiveness of HMG-CoA Reductase Inhibitors in Secondary Prevention of Acute Myocardial Infarction", American Journal of Health-Systems Pharmacy 56(17):1726-1732, Sept. 1, 1999.
- David R. Weir**, "Economic Welfare and Physical Well-Being in France, 1750-1990," in Roderick Floud and Richard Steckel, eds., Health and Welfare During Industrialization (NBER and Chicago, 1997).
- 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.
- David R. Weir**, "Family Reconstitution and Population Reconstruction: Two Approaches to the Fertility Transition in France," in Old and New Methods in Historical Demography, eds. David Reher and Roger Schofield (Oxford, 1993).
- David R. Weir**, "Parental Consumption Decisions and Child Health During the Early French Fertility Decline, 1790-1914," Journal of Economic History June, 1993.
- David R. Weir**, "Estimating the Proportions Controlling Fertility in Rural France after the Revolution," in A. Blum, et.al., eds., Modèles de la démographie historique (INED, 1992).
- François Velde and **David R. Weir**, "The Financial Market and Government Debt Policy in France, 1746-1793," Journal of Economic History, 52(1):1-39, March, 1992.
- David R. Weir**, "A Century of U.S. Unemployment, 1890-1990: Revised Estimates and Evidence for Stabilization", Research in Economic History, vol. XIV, 1992.
- David R. Weir**, "Economic Crises and the Origins of the French Revolution" (published in French in Annales: Economies, Sociétés, Civilisations, juillet-aôut, 1991).
- David R. Weir**, "An Historical Perspective on Economic Aspects of Rapid Population Growth," in United Nations, Consequences of Rapid Population Growth in Developing Countries, 1991. Published in French in G. Tapinos, et al. eds, Conséquences de la Croissance Démographique Rapide dans les Pays en Développement. (INED and United Nations Population Division, 1991).

Thomas A. Mroz and **David R. Weir**, "Structural Change in Life Cycle Fertility During the Fertility Transition: France Before and After the Revolution of 1789," Population Studies March, 1990.

**David R. Weir**, "Markets and Mortality in France, 1600-1789", in Roger Schofield and John Walter, eds., Famine, Disease, and the Social Order in Early Modern Society. Cambridge, 1989.

**David R. Weir**, "Tontines, Public Finance, and Revolution in France and England, 1688-1789," Journal of Economic History, March, 1989.

Paul A. David, Thomas A. Mroz, Warren C. Sanderson, Kenneth W. Wachter, **David R. Weir**., "Cohort Parity Analysis: Statistical Estimates of the Extent of Fertility Control," Demography May, 1988.

**David R. Weir**, "Malthus's Theory of Population", The New Palgrave, 1987.

**David R. Weir**, "The Reliability of Historical Macroeconomic Data for Comparing Cyclical Stability", Journal of Economic History, June, 1986.

**David R. Weir**, "Rather Never than Late: Celibacy and Age at Marriage in English Cohort Fertility, 1541-1871", Journal of Family History, Dec., 1984.

**David R. Weir**, "Life Under Pressure: France and England, 1670-1870", Journal of Economic History, March, 1984.

#### **Published Abstracts, Notes and Comments:**

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

**David R. Weir**, "Comment on Samuel Marshall, Kathleen McGarry and Jonathan Skinner, The Risk of Out-of-Pocket Health Care Expenditure at the End of Life," in David Wise, ed., Explorations in the Economics of Aging (NBER and University of Chicago Press, 2011), pp. 128-131

Joseph W. Sakshaug, **David R. Weir**, and Lauren H. Nicholas , "Validating Diabetes Disease Status in Claims and Survey Data". *Proceedings of the 2010 International Methodology Symposium: The Interplay among Censuses, Surveys and Administrative Data*, Statistics Canada, Ottawa.

**David R. Weir**, "Comment on Aging, Fiscal Policy, and Social Insurance: A European Perspective," in Alan Auerbach and Ronald Lee, eds. Demographic Change and Fiscal Policy (Cambridge, 2001).

**David R. Weir**, "Tontines," The New Palgrave Dictionary of Money and Finance, 1992.

**David R. Weir**, "Comments on 1990 Dissertation Session," Journal of Economic History, June, 1991.

**David R. Weir**, "Old Themes and New Techniques, Part II", Journal of Economic History, June 1988.

**David R. Weir**, "Fertility Transition in Rural France, 1740-1829", Journal of Economic History, June, 1984 (dissertation summary).

**David R. Weir**, "Parity-Specific Fertility in France, 1740-1829", Population Index, Spring, 1983 (cover

article).

## **Online Documentation Reports**

- Weir DR, Langa KM, Ryan LH. 2016 Harmonized Cognitive Assessment Protocol (HCAP) Study Protocol Summary. Ann Arbor, MI: Health and Retirement Study, Survey Research Center, Institute for Social Research, University of Michigan; 2016:1-15.  
[https://hrs.isr.umich.edu/sites/default/files/biblio/HRS%202016%20HCAP%20Protocol%20Summary\\_011619\\_rev.pdf](https://hrs.isr.umich.edu/sites/default/files/biblio/HRS%202016%20HCAP%20Protocol%20Summary_011619_rev.pdf)
- Crimmins EM, Faul JD, Thyagarajan B, Weir DR. Venous Blood Collection and Assay Protocol in the 2016 Health and Retirement Study. Ann Arbor, Michigan: Survey Research Center, Institute for Social Research, University of Michigan; 2017.  
[https://hrs.isr.umich.edu/sites/default/files/biblio/2016%20VBS%20data%20ver%207\\_2.pdf](https://hrs.isr.umich.edu/sites/default/files/biblio/2016%20VBS%20data%20ver%207_2.pdf)
- Weir DR, Ofstedal MBeth. Evaluating Strategies for Reducing Field Costs in a Longitudinal Study. Ann Arbor, MI: Institute for Social Research, University of Michigan; 2016:1-8.  
[https://hrs.isr.umich.edu/sites/default/files/biblio/Weir\\_Ofstedal\\_costs\\_0.pdf](https://hrs.isr.umich.edu/sites/default/files/biblio/Weir_Ofstedal_costs_0.pdf)
- Weir DR. Validating Mortality Ascertainment in the Health and Retirement Study. Ann Arbor, Michigan: Survey Research Center, Institute for Social Research, University of Michigan; 2016.  
[https://hrs.isr.umich.edu/sites/default/files/biblio/Weir\\_mortality\\_ascertainment.pdf](https://hrs.isr.umich.edu/sites/default/files/biblio/Weir_mortality_ascertainment.pdf)
- Smith J, Ryan LH, Fisher GG, Sonnega A, Weir DR. HRS Psychosocial and Lifestyle Questionnaire 2006-2016. Ann Arbor, Michigan: Survey Research Center, Institute for Social Research, University of Michigan; 2017.  
[https://hrs.isr.umich.edu/sites/default/files/biblio/HRS%202006-2016%20SAQ%20Documentation\\_07.06.17\\_0.pdf](https://hrs.isr.umich.edu/sites/default/files/biblio/HRS%202006-2016%20SAQ%20Documentation_07.06.17_0.pdf)
- Weir DR, McCammon RJ, Ryan LH, Langa KM. Cognitive Test Selection for the Harmonized Cognitive Assessment Protocol (HCAP). Ann Arbor, Michigan: Institute for Social Research, University of Michigan; 2014.  
[https://hrs.isr.umich.edu/sites/default/files/biblio/HCAP\\_testselection.pdf](https://hrs.isr.umich.edu/sites/default/files/biblio/HCAP_testselection.pdf)
- Crimmins EM, Faul JD, Kim JK, Weir DR. Documentation of Blood-Based Biomarkers in the 2014 Health and Retirement Study. Ann Arbor, MI: Survey Research Center, Institute for Social Research, University of Michigan; 2017.  
[https://hrs.isr.umich.edu/sites/default/files/biblio/Biomarker%202014\\_Dec2017.pdf](https://hrs.isr.umich.edu/sites/default/files/biblio/Biomarker%202014_Dec2017.pdf)
- Crimmins EM, Faul JD, Kim JK, Weir DR. Documentation of Biomarkers in the 2010 and 2012 Health and Retirement Study. Ann Arbor, Michigan: Survey Research Center, University of Michigan; 2015  
<https://hrs.isr.umich.edu/sites/default/files/biblio/Biomarker2010and2012.pdf>
- Crimmins, Eileen, Jessica Faul, Jung Ki Kim, Heidi Guyer, Kenneth Langa, Mary Beth Ofstedal, Amanda Sonnega, Robert Wallace and David R. Weir. Documentation of Biomarkers in the 2006 and 2008 Health and Retirement Study (2013)  
<http://hrsonline.isr.umich.edu/sitedocs/userg/Biomarker2006and2008.pdf>
- Gwenith G. Fisher, John J. McArdle, Ryan J. McCammon, Amanda Sonnega, and David R. Weir. New Measures of Fluid Intelligence in the HRS (2013).  
<http://hrsonline.isr.umich.edu/sitedocs/userg/dr-027b.pdf>

Gwenith G. Fisher, Halimah Hassan, Willard L. Rodgers, and **David R. Weir**. HRS Imputation of Cognitive Functioning Measures: 1992 - 2008 (2011)  
<http://hrsonline.isr.umich.edu/modules/meta/xyear/cogimp/desc/COGIMPdd.pdf>

Ofstedal, Mary Beth; **David R. Weir**; Kuang-Tsung (Jack) Chen; James Wagner. Updates to HRS Sample Weights (2011).  
<http://hrsonline.isr.umich.edu/sitedocs/userg/dr-013.pdf>

Kapinos, Kandice, Charles C. Brown, Michael A. Nolte, Helena Stolyarova, and **David R. Weir**. Cross-Wave Prospective Social Security Wealth Measures of Pre-Retirees Public Release: Data Description and Usage (2010).  
<http://hrsonline.isr.umich.edu/modules/meta/xyear/sswealth/desc/SSwealthP.pdf>

Crimmins, Ellen M., Heidi Guyer, Kenneth M. Langa, Mary Beth Ofstedal, Robert B. Wallace, and **David R. Weir**. Documentation of Physical Measures, Anthropometrics and Blood Pressure in the Health and Retirement Study (2009).  
<http://hrsonline.isr.umich.edu/sitedocs/userg/HRS2006BiomarkerDescription.pdf>

Heeringa, Steven G., Gwenith G. Fisher, Michael D. Hurd, Kenneth M. Langa, Mary Beth Ofstedal, Brenda L. Plassman, Willard L. Rodgers and **David R. Weir**. ADAMS: Sample Design, Weighting and Analysis for ADAMS (2009).  
[http://hrsonline.isr.umich.edu/sitedocs/userg/ADAMSSampleWeights\\_Jun2009.pdf](http://hrsonline.isr.umich.edu/sitedocs/userg/ADAMSSampleWeights_Jun2009.pdf)

Clarke, Philippa, Gwenith G. Fisher, Jim House, Jacqui Smith, and **David R. Weir**. Guide to Content of the HRS Psychosocial Leave-Behind Participant Lifestyle Questionnaires: 2004 & 2006 (2008).  
<http://hrsonline.isr.umich.edu/sitedocs/userg/HRS2006LBQscale.pdf>

Crimmins, Ellen M., Heidi Guyer, Kenneth M. Langa, Mary Beth Ofstedal, Robert B. Wallace, and **David R. Weir**. Documentation of Physical Measures, Anthropometrics and Blood Pressure in the Health and Retirement Study (2008).  
<http://hrsonline.isr.umich.edu/sitedocs/userg/dr-011.pdf>

Jenkins, Kristi R., Mary Beth Ofstedal and **David R. Weir**. Documentation of Health Behaviors and Risk Factors Measured in the Health and Retirement Study (HRS/AHEAD) (2008).  
<http://hrsonline.isr.umich.edu/sitedocs/userg/dr-010.pdf>

Fisher, Gwenith G., Jessica D. Faul, **David R. Weir**, and Robert B. Wallace. Documentation of Chronic Disease Measures in the Health and Retirement Study (HRS/AHEAD) (2005).  
<http://hrsonline.isr.umich.edu/sitedocs/userg/dr-009.pdf>

## **Research Grants**

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

NIA U01 AG009740-23 (PI) 1/1/18-12/31/23 (\$132million)

#### **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 health status, biological measures, family relations, and socio-economic context. Data sharing is a primary aim of the study.



NIA R01 AG060167-02 (PI) 9/01/19-4/30/23 (\$3.9million)

**Harmonizing Cognitive Assessments in Irish, English, and American Longitudinal Studies:**

**Supporting Cross-National Research on the Epidemiology of Dementia** This project aims to expand the resources available for cross-national research on the epidemiology of Alzheimer's disease and Alzheimer's disease related dementias (AD/ADRD).

NIA R24 AG065182-02 (Weir, contact PI; Langa MPI) 9/15/19-5/31/24 (\$1.9million)

**Research Network for the Harmonized Cognitive Assessment Protocol (HCAP)** This project establishes a research network to support the continued harmonization of the HCAP studies.

**Recent Completed Research Support**

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.

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.