

## JESSICA DANIELLE FAUL

Survey Research Center  
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University of Michigan

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### EDUCATION

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University of Michigan School of Public Health, Ann Arbor, MI  
Ph.D. in Epidemiology, 2008

University of Michigan School of Public Health, Ann Arbor, MI  
M.P.H. in Epidemiology, 2001

University of Michigan, Ann Arbor, MI  
B.A. in Japanese Language and Literature, with distinction, 1998

Kyushu University, Fukuoka, Japan  
Monbusho Study Abroad Scholarship Recipient, 1996-1997

### POSITIONS

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2015-present	Associate Research Scientist, Health and Retirement Study, Survey Research Center, Institute for Social Research, University of Michigan, Ann Arbor, MI
2014-present	Faculty Affiliate, Michigan Center on Demography and Aging (MiCDA)
2014-present	Faculty Affiliate, Population Studies Center
2012-present	Faculty Affiliate, BioSocial Methods Collaborative
2008-2015	Assistant Research Scientist, Health and Retirement Study, Survey Research Center, Institute for Social Research, University of Michigan, Ann Arbor, MI
2004-2007	Graduate Student Research Assistant, Health and Retirement Study, Survey Research Center, Institute for Social Research, University of Michigan, Ann Arbor, MI
2002-2004	Research Associate II, Health and Retirement Study, Survey Research Center, Institute for Social Research, University of Michigan, Ann Arbor, MI
2001-2002	Statistical Analyst, Michigan Peer Review Organization, Plymouth, MI
1999-2001	Graduate Student Research Assistant, Department of Epidemiology, University of Michigan School of Public Health, Ann Arbor, MI
1998-1999	Research Associate, Pharmacology Department, Biogen Inc., Cambridge, MA

1997-1998                      Laboratory Assistant, Department of Pharmacology, University of Michigan Medical School, Ann Arbor, MI

### **AWARDS AND HONORS**

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2015                      Best Journal of Occupational Health Psychology (JOHP) Paper for the 2015 Work, Stress & Health Conference: Mental work demands, retirement and longitudinal trajectories of cognitive functioning. Fisher, Gwenith G; Stachowski, Alicia; Infurna, Frank J; **Faul, Jessica D.**, Grosch, James and Tetrick, Lois E.

2007                      A. Regula Herzog Young Investigators Award, ISR, University of Michigan

2000                      University of Michigan School of Public Health, 10<sup>th</sup> Annual Epidemiology Department Research Meeting – Poster/Presentation Winner

1999, 2000                  University of Michigan School of Public Health Scholarship – Deans Award

1995                      University of Michigan Sophomore Honors Award

1994, 1995                  University of Michigan Class Honors

### **GRANT SUPPORT**

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2018-2023                  NIA/NIH. “Health and Retirement Study: Years 29-34” (Weir, PI; Faul, Co-I)  
Total: \$ 103,914,679

2018-2023                  NIA/NIH. “Health and Retirement Study: Harmonized Cognitive Assessment Protocol (HCAP)” (Langa, PI; Faul, Co-I)  
Total: \$ 7,565,325

2017-2022                  NIA/NIH, “Identifying modifiable aspects of gene-by-environment interplay in later-life cognitive decline” (Faul, PI)  
Total: \$1,003,904

2017-2021                  NIA/NIH, “Characterizing disparities in late onset Alzheimer's disease risk through polygenic risk and epidemiologic factors in the Health and Retirement Survey” (Ware, PI; Faul, Co-I)  
Total: \$1,789,254

2017-2018                  University of Michigan Geriatrics Center, “Inflammaging and Weakness as Predictors of Incident Disability, Multimorbidity and Greater DNA Methylation Age” (Faul, MPI)  
Total Award: \$40,000

2016-2021                  NIA/NIH, “Genomic Analysis for Social-Behavioral Scientists” (Faul, MPI)  
R25 AG053227  
Total Award: \$648,047

2016-2021                  NIA/NIH, “Dementia Prevalence over Time: Proximate Causes and Consequence” (Langa, PI; Faul, Co-I)  
R01AG053972  
Total Award: \$145,326

2016-2017                  Kauffman Foundation, “Boomers, Entrepreneurship, and Retirement 2030” (Kabo, PI; Faul, Co-I)  
20151697  
Total Award: \$456,609

2015-2017                  NIA/NIH, “HRS 2016 Venous Blood Collection Supplement” (Weir, PI; Faul Co-I)  
U01AG009740-23S2  
Total Award: \$16,142,565

2015-2017                  NIA/NIH, “HRS 2016 Harmonized Cognitive Assessment Protocol” (Weir, PI; Faul, Co-I)  
U01 AG009740-26S3  
Total Award: \$7,728,717

2015-2016	MiCDA Pilot, “The Effects of Collection Procedures on Telomere Length Measurement in Population-based Surveys of Aging” (Faul, PI)	Total Award: \$12,000
2014-2019	NIA/NIH, “Michigan Center on the Demography of Aging” (Bound, PI; Faul, Co-I)	Total Award: \$4,674,406
2014-2017	NIA/NIH, “Interplay of Genetic & Socioeconomic Predictors of Memory Decline in Older Adults” (Faul, PI) R03 AG048806	Total Award: \$310,500
2014	NIA/NIH, “HRS 2014 Dementia Trends Administrative Supplement” (Weir, PI; Faul, Co-I) U01 AG009740-25-S2	Total Award: \$135,971
2012-2017	NIA/NIH, “Health and Retirement Study” (Weir, PI) U01 AG009740	Total Award: \$82,611,000
2010-2014	NIA/NIH, “Expanding a National Genetics Resource for Behavioral & Health Science Research” (Weir, PI; Faul, Co-I) RC4 AG039029	Total Award: \$6,003,620
2012-2013	NACDD, CDC Healthy Aging Program, “Preventable Hospitalizations in Persons with Diagnosed Alzheimer’s Disease and Other Dementias – Baseline data for Healthy People 2020” (Faul, PI)	Total Award: \$38,000
2010-2012	NIA/NIH, “Methods for Studying Variability as a Predictor of Health Status” (Elliott, PI; Faul, Co-I) R03 AG031980	Total Award: \$126,537
2010-2011	NIA/NIH, “Creating a National Genetics Resource for Behavioral & Health Science Research” (Weir, PI; Faul, Co-I) RC2 AG036495	Total Award: \$6,741,000
2009-2011	NIA/NIH, “HRS 2010 Data Collection Supplement” (Weir, PI) U01 AG009740-20-S1	Total Award: \$8,032,621
2006-2011	NIA/NIH, “Health and Retirement Study” (Weir, PI) U01 AG009740	Total Award: \$92,765,456

### **GRANTS UNDER REVIEW**

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2018-2022	NIH, “Genetic Profiles of Behavioral and Neurological Indices of Executive Function Throughout Early Elementary School” (Mitchell/Morrison MPI; Faul, Co-I)	Total: \$429,000
2018-2022	NIA/NIH, “The impact of airborne particles and ozone on cognition, mobility, and health care spending at older ages: Evidence from a nationally-representative longitudinal cohort” (Adar; Faul, Co-I)	Total: \$2,540,263
2018-2023	NIA/NIH, “Biological Underpinnings of Socioeconomic Differentials in Health and Mortality” (Faul, PI)	Total: \$810,281

## PEER-REVIEWED PUBLICATIONS

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1. Barcelo H, **Faul JD**, Crimmins E, Thyagarajan. A Practical Cryopreservation and Staining Protocol for Immunophenotyping in Population Studies. *Curr Protoc Cytom.* 2018;84(1):e35.
2. Sung YJ, Winkler TW, de Las Fuentes L, Bentley AR, Brown MR, Kraja AT,...**Faul JD**, et al. A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. *Am J Hum Genet.* 2018;102(3):375-400. Epub 2018/02/20. doi: 10.1016/j.ajhg.2018.01.015.
3. Turcot V, Lu Y, Highland HM, Schurmann C, Justice AE, Fine RS,...**Faul JD**, et al. Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nat Genet.* 2018;50(1):26-41. Epub 2017/12/24. doi: 10.1038/s41588-017-0011-x. PMID: PMC5945951.
4. Smith JA, Zhao W, Yasutake K, August C, Ratliff SM, **Faul JD**, et al. 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(12). Epub 2017/12/21. doi: 10.3390/ijerph14121596. PMID: PMC5751013.
5. Rannikmae K, Sivakumaran V, Millar H, Malik R, Anderson CD, Chong M,...**Faul JD**, et al. COL4A2 is associated with lacunar ischemic stroke and deep ICH: Meta-analyses among 21,500 cases and 40,600 controls. *Neurology.* 2017;89(17):1829-39. Epub 2017/09/29. doi: 10.1212/wnl.0000000000004560. PMID: PMC5664302.
6. Joshi PK, Pirastu N, Kentistou KA, Fischer K, Hofer E, Schraut KE,...**Faul JD**, et al. Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. *Nature Communications.* 2017;8(1):910. doi: 10.1038/s41467-017-00934-5. PMID: PMC5715013
7. Blue L, Gill L, **Faul J**, Bradway K, Stapleton D. Predicting Receipt of Social Security Administration Disability Benefits Using Biomarkers and Other Physiological Measures: Evidence From the Health and Retirement Study. *J Aging Health.* 2017:898264317737893. doi: 10.1177/0898264317737893.
8. Zhao W, Ware EB, He Z, Kardia SLR, **Faul JD**, Smith JA. Interaction between Social/Psychosocial Factors and Genetic Variants on Body Mass Index: A Gene-Environment Interaction Analysis in a Longitudinal Setting. *Int J Environ Res Public Health.* 2017;14(10). doi: 10.3390/ijerph14101153. PMID: PMC5664654.
9. Direk N, Williams S, Smith JA, Ripke S, Air T, Amare AT,...**Faul JD**, et al. An analysis of two genome-wide association meta-analyses identifies a new locus for broad depression phenotype. *Biological psychiatry.* 2017;82(5):322-9. doi: 10.1016/j.biopsych.2016.11.013. PMID: PMC5462867.
10. Liang J, Le TH, Edwards DRV, Tayo BO, Gaulton KJ, Smith JA,...**Faul JD**, et al. Single-trait and multi-trait genome-wide association analyses identify novel loci for blood pressure in African-ancestry populations. *PLOS Genetics.* 2017;13(5):e1006728. doi: 10.1371/journal.pgen.1006728. PMID: PMC5446189

11. Graff M, Scott RA, Justice AE, Young KL, Feitosa MF, Barata L, ... **Faul JD**, et al. Genome-wide physical activity interactions in adiposity — A meta-analysis of 200,452 adults. *PLOS Genetics*. 2017;13(4):e1006528. doi: 10.1371/journal.pgen.1006528. PMCID: PMC5407576
12. Ng MCY, Graff M, Lu Y, Justice AE, Mudgal P, Liu C-T, ... **Faul JD**, et al. 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 Genetics*. 2017;13(4):e1006719. doi: 10.1371/journal.pgen.1006719. PMCID: PMC5419579
13. Marouli E, Graff M, Medina-Gomez C, Lo KS, Wood AR, Kjaer TR. . **Faul JD**, et al. Rare and low-frequency coding variants alter human adult height. *Nature*. 2017;542:186. doi: 10.1038/nature21039 PMCID: PMC5302847
14. Liu DJ, Brazel DM, Turcot V, Zhan X, Gong J, Barnes DR, ... **Faul JD**, et al. Exome chip meta-analysis elucidates the genetic architecture of rare coding variants in smoking and drinking behavior. *bioRxiv*. 2017.
15. Davies G, Lam M, Harris SE, Trampush J, Luciano M, Hill WD, ... **Faul JD**, et al. Ninety-nine independent genetic loci influencing general cognitive function include genes associated with brain health and structure (N = 280,360). *bioRxiv*. 2017.
16. Ware EB, Schmitz LL, **Faul JD**, Gard A, Mitchell C, Smith JA, et al. Heterogeneity in polygenic scores for common human traits. *bioRxiv*. 2017.
17. Graff M, Scott RA, Justice AE, Young KL, Feitosa MF, Barata L, Winkler TW, Chu AY, Mahajan A, Hadley D, Xue L, ... **Faul JD**, et al. Genome-wide physical activity interactions in adiposity—A meta-analysis of 200,452 adults. *PLoS Genetics*. 2017 Apr 27;13(4):e1006528. PMCID: PMC5407576
18. Justice AE, Winkler TW, Feitosa MF, Graff M, Fisher VA, Young K, Barata L, Deng X, Czajkowski J, Hadley D, Ngwa JS. . **Faul JD**, et al. Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. *Nature Communications*. 2017 Apr 26;8. PMCID: PMC5414044
19. Ng MC, Graff M, Lu Y, Justice AE, Mudgal P, Liu CT, Young K, Yanek LR, Feitosa MF, Wojczynski MK, Rand K. . . **Faul JD**, et al. 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 genetics*. 2017 Apr 21;13(4):e1006719. PMCID: PMC5419579
20. Marouli E, Graff M, Medina-Gomez C, Lo KS, Wood AR, Kjaer TR, Fine RS, Lu Y, Schurmann C, Highland HM, Rieger S. Rare and low-frequency coding variants alter human adult height. *Nature*. 2017 Feb 9;542(7640):186-90. PMCID: PMC5302847
21. Ben-Avraham D, Karasik D, Verghese J, Lunetta KL, Smith JA, Eicher JD, Vered R, Deelen J, Arnold AM, Buchman AS, Tanaka T, **Faul JD**, et al. The complex genetics of gait speed: genome-wide meta-analysis approach. *Aging (Albany NY)*. 2017 Jan;9(1):209. doi:10.18632/aging.101151 PMCID: PMC5310665
22. Langa KM, Larson EB, Crimmins EM, **Faul JD**, Levine DA, Kabeto MU, Weir DR. A Comparison of the Prevalence of Dementia in the United States in 2000 and 2012. *JAMA Intern Med*. 2017 Jan 1;177(1):51-58. PMID: 27893041
23. Li M, Li Y, Weeks O, Mijatovic V, Teumer A, Huffman JE, Tromp G, Fuchsberger C, Gorski M, Lyytikäinen LP, Nutile T, Sedaghat S, Sorice R, Tin A, Yang Q, Ahluwalia TS, Arking DE, Bihlmeyer NA, Böger CA, Carroll RJ, Chasman DI, Cornelis MC, Dehghan A, **Faul JD**, et al. SOS2

and ACPI Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. *J Am Soc Nephrol.* 2016 Dec 5 PMID: 27920155

24. Barban N, Jansen R, de Vlaming R, Vaez A, Mandemakers JJ, Tropf FC, Shen X, Wilson JF, Chasman DI, Nolte IM, Tragante V, van der Laan SW, Perry JR, Kong A; BIOS Consortium., Ahluwalia TS, Albrecht E, Yerges-Armstrong L, Atzmon G, Auro K, Ayers K, Bakshi A, Ben-Avraham D, Berger K, Bergman A, Bertram L, Bielak LF, Bjornsdottir G, Bonder MJ, Broer L, Bui M, Barbieri C, Cavadino A, Chavarro JE, Turman C, Concas MP, Cordell HJ, Davies G, Eibich P, Eriksson N, Esko T, Eriksson J, Falahi F, Felix JF, Fontana MA, Franke L, Gandin I, Gaskins AJ, Gieger C, Gunderson EP, Guo X, Hayward C, He C, Hofer E, Huang H, Joshi PK, Kanoni S, Karlsson R, Kiechl S, Kifley A, Kluttig A, Kraft P, Lagou V, Lecoeur C, Lahti J, Li-Gao R, Lind PA, Liu T, Makalic E, Mamasoula C, Matteson L, Mbarek H, McArdle PF, McMahon G, Meddens SF, Mihailov E, Miller M, Missmer SA, Monnereau C, van der Most PJ, Myhre R, Nalls MA, Nutile T, Kalafati IP, Porcu E, Prokopenko I, Rajan KB, Rich-Edwards J, Rietveld CA, Robino A, Rose LM, Rueedi R, Ryan KA, Saba Y, Schmidt D, Smith JA, Stolk L, Streeten E, Tönjes A, Thorleifsson G, Ulivi S, Wedenoja J, Wellmann J, Willeit P, Yao J, Yengo L, Zhao JH, Zhao W, Zhernakova DV, Amin N, Andrews H, Balkau B, Barzilai N, Bergmann S, Biino G, Bisgaard H, Bønnelykke K, Boomsma DI, Buring JE, Campbell H, Cappellani S, Ciullo M, Cox SR, Cucca F, Toniolo D, Davey-Smith G, Deary IJ, Dedoussis G, Deloukas P, van Duijn CM, de Geus EJ, Eriksson JG, Evans DA, **Faul JD**, et al. Genome-wide analysis identifies 12 loci influencing human reproductive behavior. *Nat Genet.* 2016 Dec;48(12):1462-1472. doi: 10.1038/ng.3698. PMID: 27798627
25. Marioni RE, Ritchie SJ, Joshi PK, Hagenaars SP, Okbay A, Fischer K, Adams MJ, Hill WD, Davies G; Social Science Genetic Association Consortium., Nagy R, Amador C, Läll K, Metspalu A, Liewald DC, Campbell A, Wilson JF, Hayward C, Esko T, Porteous DJ, Gale CR, Deary IJ. Genetic variants linked to education predict longevity. *Proc Natl Acad Sci U S A.* 2016 Nov 22;113(47):13366-13371. (collaborator, **Faul JD**)
26. Okbay A, Baselmans BM, De Neve JE, Turley P, Nivard MG, Fontana MA, Meddens SF, Linnér RK, Rietveld CA, Derringer J, Gratten J, Lee JJ, Liu JZ, de Vlaming R, Ahluwalia TS, Buchwald J, Cavadino A, Frazier-Wood AC, Furlotte NA, Garfield V, Geisel MH, Gonzalez JR, Haitjema S, Karlsson R, van der Laan SW, Ladwig KH, Lahti J, van der Lee SJ, Lind PA, Liu T, Matteson L, Mihailov E, Miller MB, Minica CC, Nolte IM, Mook-Kanamori D, van der Most PJ, Oldmeadow C, Qian Y, Raitakari O, Rawal R, Realo A, Rueedi R, Schmidt B, Smith AV, Stergiakouli E, Tanaka T, Taylor K, Wedenoja J, Wellmann J, Westra HJ, Willems SM, Zhao W; LifeLines Cohort Study, Amin N, Bakshi A, Boyle PA, Cherney S, Cox SR, Davies G, Davis OS, Ding J, Direk N, Eibich P, Emery RT, Fatemifar G, **Faul JD**, et al. Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. *Nat Genet.* 2016 Nov 29;48(12):1591
27. Liu C, Kraja AT, Smith JA, Brody JA, Franceschini N, Bis JC, Rice K, Morrison AC, Lu Y, Weiss S, Guo X, Palmas W, Martin LW, Chen YD, Surendran P, Drenos F, Cook JP, Auer PL, Chu AY, Giri A, Zhao W, Jakobsdottir J, Lin LA, Stafford JM, Amin N, Mei H, Yao J, Voorman A; CHD Exome+ Consortium.; ExomeBP Consortium.; GoT2DGenes Consortium.; T2D-GENES Consortium., Larson MG, Grove ML, Smith AV, Hwang SJ, Chen H, Huan T, Kosova G, Stitzel NO, Kathiresan S, Samani N, Schunkert H, Deloukas P; Myocardial Infarction Genetics and CARDIoGRAM Exome Consortia., Li M, Fuchsberger C, Pattaro C, Gorski M; CKDGen Consortium., Kooperberg C, Papanicolaou GJ, Rossouw JE, **Faul JD**, Kardia SL, Bouchard C, Raffel LJ, Uitterlinden AG, Franco OH, Vasan RS, O'Donnell CJ, Taylor KD, Liu K, Bottinger EP, Gottesman O, Daw EW, Giulianini F, Ganesh S, Salfati E, Harris TB, Launer LJ, Dörr M, Felix SB, Rettig R, Völzke H, Kim E, Lee WJ, Lee IT, Sheu WH, Tsosie KS, Edwards DR, Liu Y, Correa A, Weir DR, Völker U, Ridker PM, Boerwinkle E, Gudnason V, Reiner AP, van Duijn CM, Borecki IB, Edwards TL, Chakravarti A, Rotter JJ, Psaty BM, Loos RJ, Fornage M, Ehret GB, Newton-Cheh C,

Levy D, Chasman DI. Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. *Nat Genet.* 2016 Oct;48(10):1162-70. doi:10.1038/ng.3660. PMID: PMC5320952

28. Matteini AM, Tanaka T, Karasik D, Atzmon G, Chou WC, Eicher JD, Johnson AD, Arnold AM, Callisaya ML, Davies G, Evans DS, Holtfreter B, Lohman K, Lunetta KL, Mangino M, Smith AV, Smith JA, Teumer A, Yu L, Arking DE, Buchman AS, Chibinik LB, De Jager PL, Evans DA, **Faul JD**, et al. GWAS analysis of handgrip and lower body strength in older adults in the CHARGE consortium. *Aging Cell.* 2016 Oct;15(5):792-800. PMID: PMC5013019
29. Weiss A, Baselmans BM, Hofer E, Yang J, Okbay A, Lind PA, Miller MB, Nolte IM, Zhao W, Hagenaars SP, Hottenga JJ, Matteson LK, Snieder H, **Faul JD**, et al. Twin Res Hum Genet. Personality Polygenes, Positive Affect, and Life Satisfaction. 2016 Oct;19(5):407-17. PMID: PMC5125297
30. Okbay A, Beauchamp JP, Fontana MA, Lee JJ, Pers TH, Rietveld CA, Turley P, Chen GB, Emilsson V, Meddens SF, Oskarsson S, Pickrell JK, Thom K, Timshel P, de Vlaming R, Abdellaoui A, Ahluwalia TS, Bacelis J, Baumbach C, Bjornsdottir G, Brandsma JH, Pina Concas M, Derringer J, Furlotte NA, Galesloot TE, Girotto G, Gupta R, Hall LM, Harris SE, Hofer E, Horikoshi M, Huffman JE, Kaasik K, Kalafati IP, Karlsson R, Kong A, Lahti J, van der Lee SJ, deLeeuw C, Lind PA, Lindgren KO, Liu T, Mangino M, Marten J, Mihailov E, Miller MB, van der Most PJ, Oldmeadow C, Payton A, Pervjakova N, Peyrot WJ, Qian Y, Raitakari O, Rueedi R, Salvi E, Schmidt B, Schraut KE, Shi J, Smith AV, Poot RA, St Pourcain B, Teumer A, Thorleifsson G, Verweij N, Vuckovic D, Wellmann J, Westra HJ, Yang J, Zhao W, Zhu Z, Alizadeh BZ, Amin N, Bakshi A, Baumeister SE, Biino G, Bønnelykke K, Boyle PA, Campbell H, Cappuccio FP, Davies G, De Neve JE, Deloukas P, Demuth I, Ding J, Eibich P, Eisele L, Eklund N, Evans DM, **Faul JD**, et al. Genome-wide association study identifies 74 loci associated with educational attainment. *Nature.* 2016 May 11;533(7604):539-42. PMID: PMC4883595
31. Dunn EC, Wiste A, Radmanesh F, Almlil LM, Gogarten SM, Sofer T, **Faul JD**, et al. Genome-Wide Association Study (GWAS) and Genome-Wide by Environment Interaction Study (GWEIS) of Depressive Symptoms in African American and Hispanic/Latina Women. *Depress Anxiety.* 2016 Apr;33(4):265-80. PMID: PMC4826276
32. Demirkan A, Lahti J, Direk N, Viktorin A, Lunetta KL, Terracciano A, Nalls MA, Tanaka T, Hek K, Fornage M, Wellmann J, Cornelis MC, Ollila HM, Yu L, Smith JA, Pilling LC, Isaacs A, Palotie A, Zhuang WV, Zonderman A, **Faul JD**, et al. Somatic, positive and negative domains of the Center for Epidemiological Studies Depression (CES-D) scale: a meta-analysis of genome-wide association studies. *Psychol Med.* 2016 Jun;46(8):1613-23.
33. Pattaro C, Teumer A, Gorski M, Chu AY, Li M, Mijatovic V, Garnaas M, Tin A, Sorice R, Li Y, Taliun D, Olden M, Foster M, Yang Q, Chen MH, Pers TH, Johnson AD, Ko YA, Fuchsberger C, Tayo B, Nalls M, Feitosa MF, Isaacs A, Dehghan A, d'Adamo P, Adeyemo A, Dieffenbach AK, Zonderman AB, Nolte IM, van der Most PJ, Wright AF, Shuldiner AR, Morrison AC, Hofman A, Smith AV, Dreisbach AW, Franke A, Uitterlinden AG, Metspalu A, Tonjes A, Lupo A, Robino A, Johansson Å, Demirkan A, Kollerits B, Freedman BI, Ponte B, Oostra BA, Paulweber B, Krämer BK, Mitchell BD, Buckley BM, Peralta CA, Hayward C, Helmer C, Rotimi CN, Shaffer CM, Müller C, Sala C, van Duijn CM, Saint-Pierre A, Ackermann D, Shriner D, Ruggiero D, Toniolo D, Lu Y, Cusi D, Czamara D, Ellinghaus D, Siscovick DS, Ruderfer D, Gieger C, Grallert H, Rohtchina E, Atkinson EJ, Holliday EG, Boerwinkle E, Salvi E, Bottinger EP, Murgia F, Rivadeneira F, Ernst F, Kronenberg F, Hu FB, Navis GJ, Curhan GC, Ehret GB, Homuth G, Coassin S, Thun GA, Pistis G, Gambaro G, Malerba G, Montgomery GW, Eiriksdottir G, Jacobs G, Li G, Wichmann HE, Campbell H, Schmidt H, Wallaschofski H, Völzke H, Brenner H, Kroemer HK, Kramer H, Lin H, Leach IM, Ford I, Guessous I, Rudan I, Prokopenko I, Borecki I, Heid IM, Kolcic I, Persico I, Jukema JW,

Wilson JF, Felix JF, Divers J, Lambert JC, Stafford JM, Gaspoz JM, Smith JA, **Faul JD**, et al. Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. *Nat Commun.* 2016 Jan 21;7:10023. PMID: PMC4735748

34. **Faul JD**, Mitchell CM, Smith JA, Zhao W. Estimating Telomere Length Heritability in an Unrelated Sample of Adults: Is Heritability of Telomere Length Modified by Life Course Socioeconomic Status? *Biodemography Soc Biol.* 2016;62(1):73-86. PMID: PMC5117361
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## MANUSCRIPTS IN PROGRESS

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Colter Mitchell, **Jessica D. Faul**, Minjung Kho, Wei Zhao, Timothy J. Hillman, Jennifer A. Smith Genetic Burden and Early Life Socioeconomic Status Jointly Influence Memory Performance and Decline in Older Adults. Submitted to *Biodemography Soc Biol.*

Jennifer A. Smith, Minjung Kho, Wei Zhao, Maio Yu, Colter Mitchell, **Jessica D. Faul**. Genetic effects and gene-by- education interactions on episodic memory performance and decline in an aging population. Submitted to Soc Sci Med.

**Jessica D. Faul**, Ken Langa, and David R. Weir. The effect of education and socioeconomic mobility on cognitive change among older adults – a comparison between the United States and England.

Colter Mitchell, **Jessica D. Faul**, Jeremy Freese. Collection and use of salivary DNA in population-based studies – lessons learned from Fragile Families, HRS and WLS.

## **TECHNICAL REPORTS AND OTHER PUBLICATIONS**

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Ware E, Schmitz L, Gard A, **Faul J**. HRS Polygenic Scores – Release 2 2006-2012 Genetic Data. April 2018.

Crimmins E, **Faul J**, Thyagarajan B, Weir D. Venous blood collection and assay protocol in the 2016 Health and Retirement Study. December 2017.

Crimmins E, **Faul J**, Kim JK, Weir D. Documentation of Biomarkers in the 2014 Health and Retirement Study. December 2017.

Ware E, Schmitz L, Gard A, **Faul J**. HRS Polygenic Scores – Release 1 2006-2010 Genetic Data. May 2017.

Alberti M, Alessa L, Axtell R, Bankes, S, Barton, M, Bennett, D, Bettencourt L, Brondizio E, Brown D, Buja L, Ciampaglia GL, CoBabe-Amman E., **Faul JD**, Feddema J, Fox P, Galvin K, Gaylin D, Groves R, Hackett E, Hofferth S, Jackson JS, Kim Y, Lam D, LeClere F, van der Leeuw S, Levy M, Liu J, Mabry P, Moran E, Nelson GC, Prewitt K, Rand W, Rogers D, Romero-Lankao P, Smith Evans K, Syvitski J, Turner B, Wang S. Comment to Commission on Evidence-Based Policymaking - CLEARINGHOUSE FOR INTEGRATIVE HUMAN ANALYTICS AND DATA SYNTHESIS (iHADS). Nov 2016.

Mchugh C, Gogarten SM, Laurie C, Weir B, Wong Q, Smith JA, **Faul J**, Zhao W, Kardia S, Weir D Quality Control Report for Genotypic Data – HRS Genotype Version 2 Release. Sept, 2013

Smith JA, **Faul J**, Zhao W, Kardia S, Weir D. Quality Control Report for Exome Chip Data. April 2015.

Crimmins E, **Faul J**, Kim JK, Weir D. Documentation of Biomarkers in the 2010 and 2012 Health and Retirement Study. April 2015.

Fisher GG, Hassan H, **Faul JD**, Rodgers WL, Weir DR. Health and Retirement Study Imputation of Cognitive Functioning Measures: 1992 – 2012. April 2015.

Nelson S., Zhao W., Smith J, **Faul J**. Health and Retirement Study: Information for dbGaP users on annotation issues in the Illumina HumanOmni2.5-4v1\_D manifest. August 2014.

**Faul J**. HRS 2008 Telomere Length Data: Data Description and Usage – Final Release. December 2013.

Crimmins E., **Faul J**, Kim JK, Guyer H, Langa K, Ofstedal MB, Sonnega A, Wallace R, Weir D. Documentation of Biomarkers in the Health and Retirement Study. Survey Research Center, Institute for Social Research, University of Michigan, Ann Arbor, MI. 2013.

Gogarten SM, Laurie C, Weir B, Smith JA, **Faul J**, Zhao W, Kardia S, Weir D Quality Control Report for Genotypic Data – HRS Genotype Version 1 Release. March, 2012.

**Faul J**. HRS 2009 Health and Well-Being Study (HWB): Data Description and Usage.

**Faul J**. HRS 2007 Prescription Drug Study (PDS): Data Description and Usage.

**Faul J**, Weir D. HRS 2005 Prescription Drug Study (PDS): Data Description and Usage.

Fisher GG, **Faul, J**, Weir DR, Wallace RB. Documentation of chronic health conditions measures in HRS and AHEAD. HRS/AHEAD Documentation Report DR-009. Survey Research Center, Institute for Social Research, University of Michigan, Ann Arbor, MI. 2005.

**Faul J**, Weir D. HRS 2003 Diabetes Study: Data Description and Usage.

**Faul J**. Medication non-adherence and asthma-related emergency department utilization: a matched-case control study of asthmatics enrolled in a publicly-funded managed care program in Minnesota. Minnesota Department of Human Services External Quality Review - 2001 Respiratory Care Study. Report issued: Feb 2003. <http://www.dhs.state.mn.us/HealthCare/pmqi/default.htm>

## CONFERENCE PRESENTATIONS

---

**Faul JD**, Mitchell C, Schneper LM, Notterman DA. The Effects of Collection Procedures on Telomere Length Measurement in Population-based Surveys of Aging. MiCDA Pilot Project Symposium. May 7, 2018.

**Faul JD**, Thyagarajan B, Crimmins E. Field-Collected Venous Blood in a Population-Based Study of Aging: Challenges and Opportunities. Population Association of America. April 26-28, 2018.

**Faul JD**, Mitchell C, Schneper LM, Notterman DA. The Effects of Collection Procedures on Telomere Length Measurement in Population-based Surveys of Aging. Population Association of America – Biomarker Network meeting. April 25, 2018.

Blue L, Gill L, **Faul J**, Bradway K, Stapleton D. Predicting Receipt of Social Security Administration Disability Benefits Using Biomarkers and Other Physiological Measures: Evidence from the Health and Retirement Study. Population Association of America. April 26-28, 2018.

**Faul JD**, Ware EB. Moving Beyond European Only Genetic Associations - An Examination of Within and Trans-Racial PGS and Gene-Region Associations. Integrating Genetics and Social Sciences Conference, Boulder, CO, October 19-21, 2017.

Gard AM, Schmitz LL, Ware EB, **Faul JD**, Mitchell CM. Gene x environmental interaction models of latent psychopathology across the lifespan. Integrating Genetics and Social Sciences Conference, Boulder, CO, October 19-21, 2017

Gaydosh L, Mullan-Harris K, Mitchell C, Schmitz LL, Ware EB, **Faul JD**. Childhood socioeconomic status and BMI across the lifecourse. Integrating Genetics and Social Sciences Conference, Boulder, CO, October 19-21, 2017.

**Faul JD**, Kim JK, Thyagarajan B, Crimmins E, Weir, D. Validation of Blood-Based Assays Using Dried Blood Spots and Field-Collected Venous Blood in a Population-Based Study of Aging: Examination of the Health and Retirement Study. Lisbon, Portugal, July 17-21, 2017. European Survey Research Association.

Ware EB, Schmitz LL, **Faul JD**, Gard AM, Mitchell CM, Smith JA, Zhao W. Heterogeneity in polygenic scores for common human traits in a Population-based cohort. Lisbon, Portugal, July 17-21, 2017. European Survey Research Association

Smith JA, Hillman TJ, Kho M, Zhao W, Mitchell CM, **Faul JD**. Genetic Burden Scores and Early Life Socioeconomic Status Jointly Influence Memory Performance and Decline in Older Americans. Seattle, WA, June 20-23, 2017. Society for Epidemiological Research

Ware EB, Schmitz LL, **Faul JD**, Gard AM, Mitchell CM, Smith JA, Zhao W. Implications of polygenic scores' estimation methods on gene-by-environment interaction analyses. Seattle, WA, June 20-23, 2017. Society for Epidemiological Research.

Ware EB, Schmitz LL, **Faul JD**, Gard AM, Mitchell CM, Smith JA, Zhao W. Methods of measurement: Implications of polygenic scores' estimation methods on gene-by-environment interaction analyses. Chicago, IL, April 26-28, 2017. Population Association of America – Biomarker Network meeting.

**Faul JD**, Dworak P, Ogden I, Kim JK, Thyagarajan B, Crimmins E, Weir, D. Validation of Blood-Based Assays from Field-Collected Venous Blood in a Population-Based Study of Aging: Examination of the Health and Retirement Study. Chicago, IL, April 26-28, 2017. Population Association of America – Biomarker Network meeting.

**Faul JD**, Zhao W, Kho M, Smith JA. Gene-based Association and Gene-by-Environment Interaction on Episodic Memory in the Health and Retirement Study – An Examination of the Effect of Childhood SES on Later Life Cognitive Decline. Chicago, IL, April 26-28, 2017. Population Association of America.

**Faul JD**. Gerontological Society of America Pre-Conference Workshop – Biomarker and Genetic Data in the Health and Retirement Study (HRS). New Orleans, Nov 2016. Gerontological Society of America.

Smith JA, **Faul JD**, Zhao W, Kho M, Hillman TJ, Ware EB, Mitchell C. Gene-based association and gene-by-education interaction on episodic memory in the Health and Retirement Study. Integrating Genetics and Social Sciences Conference. Boulder, CO, October 21-22, 2016.

Zhao W, Ware EB, Smith JA, **Faul JD**, Kardia SLR. Social and psychosocial factors modify the effect of genetic variants on body mass index: A gene environment interaction analysis in a longitudinal setting. Integrating Genetics and Social Sciences Conference, Boulder, CO, October 21-22, 2016.

Ware EB, Schmitz LL, **Faul JD**, Smith JA, Mitchell CM, Weir DR, Kardia SLR. Establishing best practices: generating polygenic scores in a population-representative cohort. Integrating Genetics in the Social Sciences, Denver, CO. October 21-23, 2016.

**Faul JD**, Crimmins E, Weir, D. Health and Retirement Study. Biological Markers and the Development of Polygenic Scores. Washington DC, April 2016. Population Association of America – Biomarker Network meeting.

Ware EB, Smith JA, **Faul J**, Kardia SL. Ethnic Disparities in Social and Psychosocial Factors Modify the Effect of Genes on Body Mass Index. American Heart Association. Feb 2016.

Smith JA, Ware EB, Zhao W, **Faul JD**, Kardia SL. Gene-by-Psychosocial Factor Interactions on Blood Pressure in Older Non-hispanic Whites and African Americans: A Genomic Region-level Analysis. American Heart Association. Feb 2016.

Mitchell C, **Faul JD**, Smith JA, Zhao W. Investigating Social and Genetic Influences of Cognitive Decline: Insights from Using Population-based Longitudinal Data. Society for Longitudinal and Life Course Studies Conference, October 2015.

**Faul JD**, Ofstedal MB. Use of Medicare linkage data to study nonresponse bias in the distribution of physical measure and biomarker data: Examination of the Health and Retirement Study. European Survey Research Association Conference, July 2015.

McClain C, Lee S, **Faul J**, Barba S. Understanding dynamics of consent requests in surveys: Consent to biomarker data collection and administrative data linkage in the Health and Retirement Study. American Association for Public Opinion Research, May 2015.

**Faul J**. Investigation of Dried Blood Spot HbA1c Measurement Error Using TipTemp Stamps. Biomarker Network Meeting. Population Association of America, April 2015.

**Faul J**, Smith J, Mitchell, C, Zhao W. Is Heritability of Telomere Length Modified by Lifecourse Socioeconomic Status? Integrating Genetics and the Social Sciences Conference, Oct 2014.

Sonnega A, **Faul J**. The Role of Medical and Pharmaceutical Treatment in Explaining Obesity Trajectories and Mortality. Society for Epidemiological Research, June 2014.

Weir D, Ofstedal MB, **Faul J**. Longitudinal Patterns of Consent to Administrative Linkages, Genetics Data, and Other Supplemental Requests in the Health and Retirement Study. Panel Survey Methods Workshop, May 2014.

**Faul JD**. The Health and Retirement Study: Genetic Data Update. Biomarker Network Meeting. Population Association of America, April 2013.

McClain C, Lee S, **Faul J**. Cultural Factors in HRS Biomarker Consent. American Association for Public Opinion Research, May 2014.

Lee S, McClain C, **Faul J**. Understanding Consent for Physical Measurements, Biomarker Collection, and Administrative Data Linkage in the Health and Retirement Study. Comparative Survey Design & Implementation workshop, March 2014.

Simmert B, Sonnega A, **Faul JD**. Predictors of Self-Rated Health: Poverty and Economic Inequality Matter. Gerontological Society of America, Nov 2013.

Smith JA, Zhao W, Needham B, **Faul JD**, Seeman TE, Boerwinkle E, Chakravarti A, Weir DR, Kardina SLR, Diez-Roux AV. Identifying interactions among social, psychosocial, and genetic factors that influence blood pressure in three multi-ethnic epidemiological cohorts: the Multi-Ethnic Study of Atherosclerosis (MESA), the Atherosclerosis Risk in Communities Study (ARIC), and the Health and Retirement Study (HRS). American Society of Human Genetics, Oct 2013.

Simmert B, **Faul JD**, Sonnega A. Economic inequality as a predictor of self-rated health. Southern Sociological Society, April 2013.

Sonnega A, Simmert B, **Faul JD**. Income inequality and self-rated health – Race and gender matter. Gerontological Society of America, Nov 2012.

**Faul JD**. An Introduction to HRS. Presented at RAND Metadata Repository Workshop: Harmonization of Cross-National Studies of Aging to the Health and Retirement Study. Population Association of America, May 2012.

**Faul JD**, Kardia S, Weir DR. Creating a genetics resource with the Health and Retirement Study. Integrating Genetics and the Social Sciences Conference, June 2010.

Fisher, GG, Plassman BL, **Faul JD**, Potter GG, McArdle JJ, Weir DR, Rogers MAM, Langa KL. Caregiving and the relationship to care recipient's cognitive decline. International Conference of Alzheimer's Disease, July 2008.

**Faul JD**, Haan MN, Weir DR. The effect of lifecourse socioeconomic position and mobility on cognitive function and change among older adults. Society for Epidemiologic Research (SER), June 2008.

**Faul JD**, Haan MN, Weir DR. Childhood socioeconomic position and cognitive function among older adults: Findings from the Health and Retirement Study. Gerontological Society of America, Nov 2007.

Fisher G, **Faul J**, Langa K, Fultz N. Prevalence of chronic diseases in older adults in the HRS and NHIS. In L. Wray & S. Fonda (co-chairs), The utility of the HRS for measuring health and function: The first decade of evidence. Symposium presented at the annual conference of the Gerontological Society of America, Nov 2004.

#### **Conference Session Chair (Pre-Conference Data Workshops):**

Gerontological Society of America Pre-Conference Workshop – Introduction to the Health and Retirement Study (HRS): Biomarkers and Beyond, Nov 2014

Gerontological Society of America Pre-Conference Workshop – Introduction to the Health and Retirement Study (HRS): Going Global, Nov 2012

**Faul JD**. HRS overview. Presented at the HRS Data Workshop: Gerontological Society of America

**Faul JD**. HRS genetic data. Presented at the HRS Data Workshop: Gerontological Society of America

Cognitive Aging Conference Pre-Conference Workshop – Introduction to the Health and Retirement Study (HRS): Cognition, Health and Well-being after Age 50, April 2012

**Faul JD**. HRS biomarkers and genetics. Presented at the HRS Data Workshop: Cognitive Aging Conference

Gerontological Society of America Pre-Conference Workshop – Introduction to the Health and Retirement Study (HRS): Health and Well-being after Age 50, Nov 2011

**Faul JD**. HRS genetic data. Presented at the HRS Data Workshop: Gerontological Society of America

**Faul JD**. Getting started with HRS data. Presented at the HRS Data Workshop: Gerontological Society of America

Gerontological Society of America Pre-Conference Workshop – Introduction to the Health and Retirement Study (HRS), Nov 2009

**Faul JD**. HRS sample design, weighting & complex variance estimation. Presented at the HRS Data Workshop: Gerontological Society of America

## INVITED PRESENTATIONS

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**Faul JD**, Ware EB. Moving Beyond European Only Genetic Association. Eastern Sociological Society, Baltimore MD, February 22-24, 2018.

**Faul J**. Where do we go from here? Incorporating genetics into social science and health research in the GWAS era. National Clinician Scholars Program. University of Michigan. February 7, 2018.

**Faul J**. Where do we go from here? Incorporating genetics into social science and health research in the GWAS era. Survey Research Center. University of Michigan. December 5, 2017.

**Faul J**. The Health and Retirement Study: An Introduction. Joint Program in Survey Methodology. University of Michigan. November 2017.

**Faul J**. The Role of Genetic Factors in the Relationship Between Education and Dementia Trends. The Effect of Education on Recent Dementia Trends: A Look Forward. National Academy of Sciences. Washington DC, Sept 14, 2016.

**Faul J** and Weir D. Health and Retirement Study: Biological Markers. Biomarker Network Meeting. Population Association of America, March 2016.

**Faul J** and Weir D. A Big Data Approach to the Health and Retirement Study. National Science Foundation: Transatlantic Data Workshop. NIH, Bethesda MD. March 1-2, 2016

**Faul JD**. Integrating Biological and Social Science Data in the HRS: What Biological Data Can Tell Us and Why Social Science is Important. ISR Staff and Faculty Retiree Dinner. University of Michigan. May 2015.

**Faul JD**. Genetics: Current Approaches and Potential for Research Collaboration. RAND HRS Around-the-World Harmonization Meeting. NIA, Bethesda MD. April 2015.

**Faul JD**. The Health and Retirement Study: Overview and Design. Program in Survey Methodology Seminar Series, University of Michigan. April 2014.

**Faul JD**, Smith JA. Genetic and socioeconomic predictors of cognition in older adults. Population, Neurodevelopment & Genetics, Survey Research Center, University of Michigan. December 2013.

**Faul JD**. Collecting Biomarker and Genetic Data in the Health and Retirement Study. Program in Survey Methodology Seminar Series, University of Michigan. October 2013.

**Faul JD**. Integrating Genetic and Social Science Data: The Health and Retirement Study. Presentation at ISR Director's Meeting for Susan Meister. October 2013.

**Faul JD**. HRS Genetics: Managing research data for reuse. Inter-university Consortium for Political and Social Research (ICPSR) Summer Workshop, July 2012.

**Faul JD**. Genetic data in the HRS. Presentation to the HRS SRC Pretest and Production Interviewers. April 2012.

**Faul JD**. Keynote Address: "Brain matters," Cum Laude Induction Ceremony, Greenhills School, April 2012



**Faul JD.** HRS genotyping and data sharing. Presented to The Irish Longitudinal study on Ageing (TILDA) project investigators and staff, Aug 2011.

**Faul JD.** Can we use Medicare claims to assess and correct for bias in distributions of cognitive ability due to non-response? HRS Research-In-Progress Seminar Group. April 2010.

**Faul JD.** HRS sample design, weighting & complex variance estimation. ELSA/HRS workshop: Subjective well-being after age 50 - Toward Harmonization of Longitudinal Cross-National Studies of Aging, March 2010.

Reeves M, Lisabeth LD, **Faul JD**, Bettger JP, Gardiner J, Morgenstern L. Disparities in stroke care and outcomes poor stroke outcomes in women: Determining causes and possible interventions. HRS-Medicare Linked Data User's Meeting. Feb 2010.

**Faul JD.** Insider baseball: Introduction to the HRS-Medicare linked claims data. HRS-Medicare Linked Data User's Meeting. Feb 2010.

**Faul JD.** Biomarkers & physical measures: Research using the HRS and other studies. Presentation to the HRS SRC Pretest and Production Interviewers. Oct 2009.

**Faul JD**, Weir DW. Approaches to assessing and correcting for bias in distributions of cognitive ability due to biased non-response. Seminar on Attrition and Non-Response in Longitudinal Studies of Ageing (ELSA, SHARE, HRS), March 2009.

## **TEACHING EXPERIENCE**

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Survey Research Center – Summer Institute in Survey Research Techniques  
Health and Retirement Study Workshop Instructor (Co-organizer 2013-2015)  
2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017

## **DISSERTATION COMMITTEES**

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Julia Clark, PhD Public Health, University of Illinois at Chicago, 2014-2016  
Erin Ulrich, PhD Pharmacy, University of Michigan, 2013-2014  
Beth Simmert, PhD Sociology, Wayne State University, 2012-2015

## **MENOTRING/ADVISING**

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Lauren Schmitz, Population Studies Center Post Doctoral Fellow, 2015-present

Mark Fontana, PhD Economics, University of Michigan, 2013-2015  
Brian Wells, PhD Survey Methodology, University of Michigan, 2013-2016  
Arianna Gard, PhD, Psychology, University of Michigan, 2016-present

Colleen McClain, MS Survey Methodology, University of Michigan, 2013-present  
Jacob Hillman, MPH Epidemiology, University of Michigan, 2016-present  
Harita Vadari, MPH Epidemiology, University of Michigan, 2017-present

University of Michigan Undergraduate Research Opportunities Program (UROP)

Alissa Wilson, 2014-2015. "Investigation of Dried Blood Spot HbA1c Measurement Error in the Health and Retirement Study," Recipient of the UROP Outstanding Research Poster Award, April 2015

Paige Mittenthal, 2014-2015. "Investigation of Dried Blood Spot HbA1c Measurement Error in the Health and Retirement Study," Recipient of the UROP Outstanding Research Poster Award, April 2015

Amy Dao, 2015-2016. "Interviewer and Respondent Factors Affecting DNA Collection and Quality in Population-Based Samples," Recipient of the UROP Outstanding Research Poster Award, April 2016

Olivia Wood, 2015-2016. "Interviewer and Respondent Factors Affecting DNA Collection and Quality in Population-Based Samples," Recipient of the UROP Outstanding Research Poster Award, April 2016

Isabelle Williams, 2016-2017. "Methods Matter: Polygenic Score x Environment Interactions," April 2017

Nicholas Miller, 2016-2017. "Methods Matter: Polygenic Score x Environment Interactions," April 2017

Gavin Kumpelis, Summer'17 Intern, University of Michigan

Ian Drummond, Summer'17 Intern, University of Michigan

## **AD-HOC SCIENTIFIC JOURNAL REVIEW**

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Demography

Journals of Gerontology: Social Sciences

Journal of Aging and Health

Journal of Aging and Human Development

Biodemography and Social Biology

Annals of Epidemiology

Alzheimer's & Dementia

## **PROFESSIONAL SERVICE**

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AdHoc Reviewer, NIH Social Sciences and Population Studies Study Section (SSPB)

AdHoc Reviewer, NIH Social Sciences and Population Studies Study Section (SSPA)

Reviewer, National Science Foundation (NSF), Computer & Information Science & Engineering Study Section

Population Association of America, Session organizer "Methods and models for combining multiple data sources," 2015 Annual Meeting

Technical Advisory Group Member. "Collecting Physical Measure and Biomarker Data in a New Study of Aging among Vietnam Veterans." U.S. Department of Veterans Affairs. Nov 2013.

ISR Director's Advisory Committee on Diversity, 2012-present (Co-Facilitator, 2015-present)

Survey Research Center, Summer Internship Program Mentor, 2012

Technical Advisory Group Member. "Hospital and Emergency Department Use by People with Alzheimer's Disease and Related Disorders." RTI International. A project funded by the Office of the Assistant Secretary

for Planning and Human Services, U.S. Department of Health and Human Services (Contract No.: HHSP23320100021WI; Solicitation 12-233-SOL-00388). March 2013.

Reviewer for the National Academy on an Aging Society's statistical profile titled "Data Profile of the National Population Eligible for Participation in the Senior Community Service Employment Program: 2011, 2015, 2020, 2030." Prepared for Senior Service America, Inc. June 2011.

Reviewer for the National Academy on an Aging Society's statistical profile titled "Data Profile of Diabetes among Older Americans." Published for the Gerontological Society of America's 63<sup>rd</sup> Annual Scientific Meeting, Oct 2010.

## **PROFESSIONAL MEMBERSHIPS**

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Gerontological Society of America  
Society for Epidemiologic Research  
Population Association of America  
European Survey Research Association