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Lauren L. Schmitz
Curriculum Vitae

Robert M. La Follette School of Public Affairs
University of Wisconsin-Madison
1225 Observatory Drive
Madison, WI 53706-1211

Email: llschmitz@wisc.edu
Web: <https://www.laurenschmitz.com>
Phone: 608-263-7398
Fax: 608-265-3233

PROFESSIONAL APPOINTMENTS

- 2019- Assistant Professor of Public Affairs
Robert M. La Follette School of Public Affairs
University of Wisconsin-Madison
- 2017-19 NIA (K99) Postdoctoral Research Fellow
Survey Research Center (SRC) and Health and Retirement Study (HRS)
Institute for Social Research, University of Michigan, Ann Arbor
- 2015-17 NIA Postdoctoral Research Fellow
Population Studies Center (PSC) and Health and Retirement Study (HRS)
Institute for Social Research, University of Michigan, Ann Arbor

EDUCATION

- 2019 M.S. Human Genetics, University of Michigan
2015 Ph.D. Economics, New School for Social Research
2012 M.S. Economics, New School for Social Research
2008 B.A. Economics, University of Colorado, *magna cum laude*

PROFESSIONAL AFFILIATIONS

- 2019-20 Research Economist, National Bureau for Economic Research (NBER)
2019- Senior Fellow, Schwartz Center for Economic Policy Analysis, The New School
2019- Faculty Affiliate, Center for Demography of Health and Aging, UW-Madison
2019- Faculty Affiliate, Center for Demography and Ecology, UW-Madison

RESEARCH INTERESTS

Primary fields: health economics, economics of aging, social genomics, biodemography, population health and aging, social and life course determinants of health and health disparities

PUBLICATIONS

Refereed Journal Articles

- 2019 **Schmitz, L.L.**, A.M. Gard, and E.B. Ware. Examining sex differences in pleiotropic effects for depression and smoking using polygenic and gene-region aggregation techniques. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 180B: 448-468.

- 2019 **Schmitz, L.L.**, C. McCluney, M. T. Hicken, and A. Sonnega. Interpreting subjective and objective measures of the job resources: The importance of sociodemographic context. *International Journal of Environmental Research and Public Health*, 16: 3058.
- 2018 McCluney, C., **L.L. Schmitz***, M.T. Hicken, and A. Sonnega. Structural racism in the workplace: Does perception matter for health inequalities? *Social Science and Medicine*, 199: 106-114. *Joint first author with Dr. McCluney.
- 2017 **Schmitz, L.L.** and D. Conley. The effect of Vietnam-Era conscription and genetic potential for educational attainment on schooling outcomes. *Economics of Education Review*, 61: 85-97. NBER Working Paper #22393.
- 2017 **Schmitz, L.L.** and D. Conley. Modeling gene-environment interactions with quasi-natural experiments. *Journal of Personality*, 85(1): 10-21.
- 2016 **Schmitz, L.L.** Do working conditions at older ages shape the health gradient? *Journal of Health Economics*, 50: 183-197.
- 2015 **Schmitz, L.L.** and D. Conley. The long-term effects of Vietnam-Era conscription and genotype on smoking behavior and health. *Behavior Genetics*, 46(1): 43-58. NBER Working Paper #21348.

Manuscripts in Submission

- 2019 Gard, A.M. Ware, E.B., Hyde, L.W., **L.L. Schmitz**, Faul, J., & Mitchell, C. M. Assessing the structure and specificity of polygenic scores for psychiatric outcomes in a population-based cohort of older adults. Under review.
- 2019 **Schmitz, L.L.** and D. Weir. Genetic and environmental influences on schooling and lifetime earnings. Under review.
- 2017 **Schmitz, L.L.** and D. Conley. The impact of late-career job loss and genotype on body mass index. R&R: *Health Economics*. NBER Working Paper #22348. Profiled in *Money*, *WDIV-Detroit*, and *Public*

Working Papers

- 2018 Duque, V. and **L.L. Schmitz**. The influence of early-life economic shocks on long-term outcomes: Evidence from the U.S. Great Depression.
- 2016 Ware, E. B., **L.L. Schmitz**, J. Faul, J.A. Smith, C. Mitchell, W. Zhao, D. Weir, and S.L.R. Kardina. Heterogeneity in polygenic scores for common human traits. BiorXiv 2017: <https://doi.org/10.1101/106062>

Work in Progress

- 2019 **Schmitz, L.L.**, M. Levine, W. Zhao, S. M. Ratliff, Y. Liu, and J.A. Smith. Social determinants of DNA methylation age signatures.

- 2018 **Schmitz, L.L.**, P. Turley, D. Cesarini, and D. Benjamin. Effects of cigarette taxation on smoking-related DNA methylation patterns.
- 2018 Bruns, A., **L.L. Schmitz**, I. Gomez-Lopez, and M.T. Hicken. Racial inequalities in poor birth outcomes: Clarifying the role of precarious work.
- 2018 Harrati, A., and **L.L. Schmitz**. Does genetic selection help explain differences in health across occupations?
- 2017 **Schmitz, L.L.**, L. Gaydos, E. B. Ware, A.M. Gard, K.M. Harris, S. David, C. Mitchell, J. Faul, and D. Conley. The impact of polygenic risk and cigarette taxation across the life course on smoking behavior.

Book Chapters and Reviews

- 2018 **Schmitz, L.L.** Rev. of *Closing the Deficit: How Much Will Later Retirement Help?* Edited by Gary Burtless and Henry J. Aaron. *Eastern Economic Journal*, 44(2): 332-334. 10.1057/ej.2014.55
- 2013 **Schmitz, L.L.** Do cultural tax districts buttress revenue growth for arts organizations? In M. Rushton, ed., *Creative Communities: Art Works in Economic Development*. Washington: Brookings Institution Press, pp. 80-96.
- 2011 Milberg, W. and **L.L. Schmitz**. The business of macro imbalances: Gluts in savings, money and profits. In P. Arestis, ed., *Microeconomics, Macroeconomics and Economic Policy: Essays in Honour of Malcolm Sawyer*. London: Palgrave, pp. 72-95.

Policy Publications

- 2019 **Schmitz, L.L.**, Courtney McCluney, Margaret T. Hicken, and Amanda Sonnega. Policy Levers May Improve Older Workers' Perceptions of their Psychosocial Work Environment. Forthcoming in Fall issue of *Generations*, 43(3).
- 2012 Saad-Lessler, Joelle, Teresa Ghilarducci, and **L.L. Schmitz**. Are New Yorkers ready for retirement? Trends in plan sponsorship, participation, and preparedness. NY: New York City Comptroller's Office Budget and Policy Bureau.
- 2012 Ghilarducci, Teresa, Robert Hiltonsmith, and **L.L. Schmitz**. State guaranteed retirement accounts: A low cost, secure solution to America's retirement crisis. NY: Demos.
- 2011 Allegretto, Sylvia A., Nari Rhee, Joelle Saad-Lessler, and **L.L. Schmitz**. California workers' retirement prospects. In Nari Rhee, ed., *Meeting California's Retirement Security Challenge*. Berkeley, CA: UC Berkeley Center for Labor Research and Education, pp. 21-41.

Conference Proceedings

- 2012 **Schmitz, L.L.** How policymakers and state pension funds can help prevent the coming retirement income crisis. In the Labor and Employment Relations Association (LERA) Series, Proceedings of the 64th Annual Meeting. January 5-7, Chicago, Illinois. Champaign: Labor and Employment Relations Association, pp. 132-143.

Online Documentation Reports

- 2018 Ware, E., **L.L. Schmitz**, A.M. Gard, and J. Faul. Health and Retirement Study Polygenic Scores Documentation Report. Release 2: 2006-2012 Genetic Data.
- 2018 Ware, E., **L.L. Schmitz**, and J. Faul. Health and Retirement Study Polygenic Scores Documentation Report. Release 1: 2006-2010 Genetic Data.

GRANTS AND RESEARCH SUPPORT

Active Research Support

- 2019-20 NBER Retirement and Disability Research Center \$31,582
The Interaction of Health, Genetics, and Occupational Demands in DI Determinations
Co-PI with Amal Harrati
- 2019-22 NIA R00 AG056599 \$494,218
Life Course Determinants of Epigenetic Age Acceleration and Subsequent Dementia
PI – Schmitz
- 2018-20 March of Dimes Center for Social Science Research \$100,000
Racial Inequalities in Poor Birth Outcomes: Clarifying the Role of Precarious Work
Co-PI with Angela Bruns and Margaret Hicken

Completed Research Support

- 2017-19 NIA K99 AG056599 \$245,000
Life Course Determinants of Epigenetic Age Acceleration and Subsequent Dementia
PI – Schmitz
- 2016-19 NIA Pilot Grant P30 AG012846 \$30,400
Demographic and Socioeconomic Differences in Polygenic Risk of Cardiovascular Health
Michigan Center on the Demography of Aging.
Co-PI with Erin Ware.
- 2015-17 Russell Sage Foundation \$132,997
Gene-Environment Interactions and Health Inequality over the Life Course
Role: Co-Investigator
PI – Dalton Conley
- 2014 U.S. Social Security Administration \$28,000
The Impact of Working Conditions on the Health of an Aging Workforce
Dissertation Fellowship Program in Retirement Research
PI – Schmitz
- 2014 National Science Foundation \$7,920
The Impact of Working Conditions on the Health of an Aging Workforce
Doctoral Dissertation Improvement Grant
PI – Schmitz

FELLOWSHIPS, AWARDS, AND HONORS

- 2018 Marshall Weinberg Endowment Fund, Population Studies Center, University of Michigan
- 2017 Awarded K99/R00 Pathway to Independence Award, NIH/NIA
- 2017 Butler-Williams Scholar, NIH/NIA
- 2017 A. Regula Herzog Young Investigators Award, Survey Research Center, University of Michigan
- 2015 Edith Henry Johnson Award for Outstanding Dissertation Research, New School
- 2014 Graduate Student Research Travel Award, New School
- 2013 Dissertation Fellowship, New School for Social Research
- 2011-15 Dean's Fellowship, New School for Social Research
- 2010-13 Bernard Schwartz Research Assistantship, New School for Social Research
- 2010 Graduate Student Research Travel Award, New School

INVITED TALKS AND SYMPOSIA

- 2019 "The Influence of Early-Life Economic Shocks on Long-Term Outcomes: Evidence from the U.S. Great Depression." National Bureau for Economic Research (NBER) Summer Institute on Aging. Cambridge, MA. July 22.
- 2018 "Using Gene-Environment Interactions to Interrogate the Impact of the Social Environment on Smoking Behavior." The World Writes on the Body: How the Environment Impacts the Phenotype. Florence, Italy. May 24-25.
- 2018 "Leveraging Gene-Environment Interactions to Evaluate the Impact of the Social Environment." Institute for Social Research, University of Michigan. May 15.
- 2017 "Genetic and Environmental Influences on Schooling and Lifetime Earnings" National Bureau for Economic Research (NBER) Summer Institute on Aging. Cambridge, MA. July 24.
- 2017 "The Effect of Vietnam-Era Conscriptioin and Genetic Potential for Educational Attainment on Schooling Outcomes" Polygenic Prediction and its Application to Social Science. University of Southern California. April 14.
- 2016 "The Effect of Vietnam-Era Conscriptioin and Genetic Propensity for Educational Attainment on Schooling". National Bureau for Economic Research (NBER) Economics of Education Meeting. Stanford University. November 10.
- 2015 "Do Working Conditions at Older Ages Shape the Health Gradient?" 17th Annual Retirement Research Consortium Conference. National Press Club, Washington, DC. August 6.
- 2012 "Do Cultural Tax Districts Buttress Revenue Growth for Arts Organizations?" The Arts, New Growth Theory, and Economic Development. Brookings Institute. Washington, DC. May 10

CONFERENCE ACTIVITY & PARTICIPATION (selected)

- 2018 "The influence of early-life economic shocks and genetic diversity on long-term economic outcomes." Conference of the American Society of Health Economists.

- “Genetic and Environmental Influences on Schooling and Lifetime Earnings”
Annual Meeting of the Population Association of America.
- 2017 “Polygenic risk for smoking and depression contribute to sex differences in smoking initiation.”
Annual Meeting of the Population Association of America.
“Genetic and Environmental Influences on Schooling and Lifetime Earnings”
Allied Social Sciences Association Annual Meeting, AEA panel.
- 2016 “The Impact of Late-Career Job Loss and Genotype on Body Mass Index”
Annual Meeting of the Population Association of America.
“Social and Genetic Contributions to Gender-Cohort Differences in Smoking Behavior”
Integrating Genetics and the Social Sciences.
- 2015 “The Impact of Late-Career Job Loss and Genotype on Body Mass Index”
Integrating Genetics and the Social Sciences.
- 2014 “Do Working Conditions at Older Ages Shape the Health Gradient?” Allied Social Sciences
Association Annual Meeting, LERA panel.
“The Effects of Vietnam-Era Military Service and Genotype on Labor Force
Participation at Older Ages.” Integrating Genetics and the Social Sciences Conference.
- 2013 “Estimating the Occupational Health Gradient at Older Ages: The Role of Peak Career Earnings”
Allied Social Sciences Association Annual Meeting, LERA panel.
“How Policymakers and State Pension Funds Can Help Prevent the Coming Retirement Income
Crisis.” Allied Social Sciences Association Annual Meeting, LERA panel.
- 2011 “California Workers' Retirement Prospects.” Meeting California’s Retirement Security
Challenge. University of California Berkeley Labor Center.
- 2010 “Does Cultural Taxation Crowd-Out Private Funding for the Arts?” Association for Cultural
Economics International.

INVITED TESTIMONY

- 2013 Testimony to the Economic Matters Committee of the Maryland General Assembly Supporting
House Bill 1318: An Act Concerning Maryland Secure Choice Retirement Savings Program and
Maryland Secure Choice Retirement Savings Trust. March 5.
- 2012 Testimony to Committee on Aging, Connecticut General Assembly Supporting HB 5337: An
Act Establishing a Task Force to Evaluate the Utility of Creating a Public Retirement Plan.
March 6.

TEACHING EXPERIENCE

- 2019 **Russell Sage Foundation Summer Institute in Social-Science Genomics**
Invited lecture on “Epigenetics and Social Science”, June 18.
- 2013 **Teaching Assistant: Advanced Econometrics I (PhD core course)**
Department of Economics, New School for Social Research. January 21-May 20.

OTHER EDUCATION

- 2017 Russell Sage Foundation Summer Institute in Social-Science Genomics. June 11-23.
- 2016 RAND Summer Institute: Demography, Economics, and Epidemiology of Aging Conference and Mini Medical School. July 11-15.
- 2015 Genetic Association Course with Application to the Analysis of Sequence and Genotype Data. Max Delbrück Center for Molecular Medicine. June 22-26.

PROFESSIONAL SERVICE AND ACTIVITIES

- 2019 Discussant at Population Association of America Annual Meeting. Denver, CO. April 9.
- 2018 Discussant at Population Association of America Annual Meeting. Denver, CO. April 9.
- 2017 Session organizer for “Integrating Genetic Data into Economic Research.” American Economic Association Panel, Allied Social Sciences Association Annual Meeting. Chicago, IL. January 6.
- 2017 Discussant at Retirement Research Consortium Annual Meeting. Social Security Administration. National Press Club, Washington, DC. August 3.
- 2014 Economics Student Union Representative (elected), New School for Social Research

Referee service: *European Economic Review*, *American Journal of Health Economics*, *Molecular Psychiatry*.

PROFESSIONAL MEMBERSHIPS

Invited memberships: National Academy of Social Insurance (NASI)

Other memberships: Population Association of America (PAA), American Economic Association (AEA), American Society of Health Economists (ASHEcon), Gerontological Society of America (GSA)