
DAVID M. K. KNAPP

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EDUCATION

Ph.D., Economics , University of Michigan, Ann Arbor	2014
M.A., Economics , University of Michigan, Ann Arbor	2009
B.S., Economics , The Ohio State University, Columbus	2007
B.A., Political Science , The Ohio State University, Columbus	2007

PROFESSIONAL EXPERIENCE

Current Positions

University of Southern California, Center for Economic and Social Research, 2020 - Present
Senior Economist

Past Positions - Research

RAND Corporation, <i>Adjunct Economist</i>	2020 - 2021
RAND Corporation, <i>Economist</i>	2017 - 2020
RAND Corporation, <i>Associate Economist</i>	2014 - 2017

Past Positions - Teaching

Department of Economics and Management, Albion College <i>Adjunct Instructor</i>	2012
Department of Economics, University of Michigan, <i>Head Graduate Student Instructor</i>	2010 - 2011
Department of Economics, University of Michigan, <i>Graduate Student Instructor</i>	2008 - 2010
School of Public Health, University of Michigan, <i>Graduate Student Instructor</i>	2009

PUBLICATIONS

Peer-Reviewed Journal Articles

- Avendano, Mauricio, **David Knapp**, Mario Padula, Giacomo Pasini (Forthcoming). "Harmonizing measures of cross-country policies for aging research: Applications to education, pension, and long-term care systems," *The Journals of Gerontology: Series B*.
<https://doi.org/10.1093/geronb/gbaf224>
- Lee, Jinkook, Jenny Wilkens, Drystan Phillips, Emma Nichols, **David Knapp** (Forthcoming). "Recommended contents for a longitudinal, population-representative study of health, retirement, and aging," *The Journals of Gerontology: Series B*.
<https://doi.org/10.1093/geronb/gbaf258>
- Nichols, Emma, Ava Bindas, Samer Atshan, Howard Chang, Yao-Yi Chiang, Birgit Claus Henn, Eleanor Hayes-Larson, Kayleigh Keller, Katrina L Kezios, Regina A. Shih, Adam A. Szpiro, Jordan Weiss, Sara D. Adar, **David M. Knapp**, Jinkook Lee, Jennifer Weuve (Forthcoming). "Modeling approaches for estimating the effects of risk factors using longitudinal lifecourse exposure data in dementia research," *Alzheimer's & Dementia*.

- Pasini, Giacomo, **David Knapp**, Marco Angrisani, Sally C. Stearns (2025). “Evaluating LTC Policies Around the World: A Virtual Special Issue Promoted by the Gateway to Global Aging Data Project,” *Health Economics*, 34(11), 1965-1970. <https://doi.org/10.1002/hec.70023>
- Knapp, David**, James Hosek, Michael G. Mattock, and Beth J. Asch (2023). “Predicting Retention Behavior: Ex Ante Prediction and Ex Post Realization of a Voluntary Retirement Incentive Offer,” *Economics of Education Review*, 93. <https://doi.org/10.1016/j.econedurev.2022.102325>
- Hosek, James, **David Knapp**, Michael G. Mattock, and Beth J. Asch (2023). “Incentivizing Retirement: An Analysis of Cash Retirement Incentives for Chicago Teachers,” *Educational Researcher*, 52(2), 71-79. <https://doi.org/10.3102/0013189X211062850>
- Knapp, David**, and Jinkook Lee (2023). “Introduction to special issue on institutional influences on retirement, health and well-being,” *Journal of Pension Economics and Finance*, 22(2), 161-166. <https://www.doi.org/10.1017/S1474747221000408>
- Armour, Phillip and **David Knapp** (2023). “The consequences of claiming Social Security benefits at age 62,” *Journal of Pension Economics and Finance*, 22(2), 211-237. <https://doi.org/10.1017/S1474747221000378>
- Knapp, David**, Italo Lopez Garcia, Krishna Kumar, Jinkook Lee, and Jongwook Won (2021). “A Dynamic Behavioral Model of Korean Saving, Work, and Benefit Claiming Decisions,” *Journal of the Economics of Ageing*, 20. <https://doi.org/10.1016/j.jeo.2021.100321>
- Knapp, David**, Maciej Lis, Jinkook Lee, and Drystan Phillips (2021). “Evaluating Alternative Approaches for Predicting Pension Benefits and Incentives,” *Journal of Pension Economics and Finance*, 20(4), 454-467. <https://doi.org/10.1017/S1474747219000027>

Working and Conference Papers

- Lee, Jinkook, Ava Bindas, *David Knapp*, Sara Adar (2025). “Insights into bridging disciplines and building measures from the Gateway Exposome Coordinating Center workshop,” *Nature Aging*, 5, 1659–1662. <https://doi.org/10.1038/s43587-025-00923-0>
- Knapp, David** and Francisco Perez-Arce (2022). “Racial and ethnic disparities in knowledge about Social Security programs,” University of Michigan Retirement and Disability Research Center (MRDRC) Working Paper, MRDRC WP 2022-449. <https://mrdrc.isr.umich.edu/publications/papers/pdf/wp449.pdf>
- Asch, Beth J., **David Knapp**, and Michael G. Mattock (2022). “The Effects of Public Sector Retirement Plan Reform on Workforce Retention: Evidence from Teachers in Three States,” *RAND Working Paper Series*, WR-A816-2, Santa Monica, CA: RAND Corporation. <https://doi.org/10.7249/WRA816-2>
- Knapp, David**, Peter Hudomiet, Michael D. Hurd, Susann Rohwedder (2022). “The Role of Family Proximity in the Dynamics of Care After Age 70.”
- Brugiavini, Agar, **David Knapp**, Jinkook Lee, Drystan Phillips, Giacomo Rebellato (2022). “Determinants and Implications of Sex-Based Public Pension Income Disparities: A Cross-Country Analysis.” Presented at the 2022 Netspar Pension Workshop. https://www.netspar.nl/assets/uploads/46_Knapp.pdf

- Knapp, David**, Beth J. Asch, and Michael G. Mattock (2021). “Public Employee Retention Responses to Alternative Retirement Plan Design: South Carolina Teachers and State Public Employees,” *RAND Working Paper Series*, WR-816-1, Santa Monica, CA: RAND Corporation. <https://doi.org/10.7249/WRA816-1>
- Knapp, David**, Jinkook Lee, Maciej Lis, and Drystan Phillips (2021). “Public Pension Design and Household Retirement Decisions: A Comparison of the United States and Germany,” University of Michigan Retirement and Disability Research Center (MRDRC) Working Paper, MRDRC WP 2021-417. <https://mrdrc.isr.umich.edu/publications/papers/pdf/wp417.pdf>
- Knapp, David**, James V. Marrone, Laura L. Miller, and Thomas E. Trail (2019). “The Impact of a Spouse Incentive on Employee Retention: Evidence from a Military Spouse Scholarship,” *RAND Working Paper Series*, WR-1295-OSD, Santa Monica, CA: RAND Corporation. <https://doi.org/10.7249/WR1295>
- Hung, Angela and **David Knapp** (2018). “Impact of Divorce on Retirement Security,” *RAND Working Paper Series*, WR-1201, Santa Monica, CA: RAND. <https://doi.org/10.7249/WR1201>
- Knapp, David**, Beth Asch, Jim Hosek, and Michael Mattock (2015). “The Retirement and Social Security Benefit Claiming of U.S. Military Retirees,” University of Michigan Retirement Research Center (MRRC) Working Paper, WP 2015-336. <https://mrdrc.isr.umich.edu/publications/papers/pdf/wp336.pdf>
- Knapp, David** (2014). “The Effect of Social Security Auxiliary Spouse and Survivor’s Benefits on the Household Retirement Decision,” 16th Annual Joint Meeting of the Retirement Research Consortium, Washington, DC. <http://crr.bc.edu/wp-content/uploads/2014/06/Panel-3-3-Knapp1.pdf>

Peer-Reviewed Reports

- Marrone, James V., Thomas E. Trail, Tina Panis, **David Knapp**, Laura L. Miller, Nathan Thompson (2024). *The Employment Effects of the My Career Advancement Account Scholarship for Military Spouses: An Analysis of the 2011 Cohort*. Santa Monica, CA: RAND Corporation. https://www.rand.org/pubs/research_reports/RRA2112-1.html
- Knapp, David**, Beth Asch, Phillip Armour, and Zhan Okuda-Lim (2023). *Causes and Consequences of the Crises in State and Local Pension Funding: Research to Inform the Development of a Roadmap for Reform*. Santa Monica, CA: RAND Corporation, RR-A2307-1. <https://doi.org/10.7249/RRA2307-1>
- Asch, Beth J., **David Knapp**, Connor P. Jackson (2023). *Analysis of the Post-Service Earnings of Military Retirees*. Santa Monica, CA: RAND Corporation, RR-A1904-1. <https://doi.org/10.7249/RRA1904-1>
- Armour, Philip and **David Knapp** (2021). *The Changing Picture of Who Claims Social Security Early*. Washington, DC: AARP Public Policy Institute, April 2021. <https://doi.org/10.26419/ppi.00133.001>
- Knapp, David**, Sina Beaghley, Troy D. Smith, Molly McIntosh, Karen Schwindt, Norah Griffin, Daniel Schwam, and Hanna Hoover (2021). *DoD Cyber Excepted Service: Labor*

- Market Analysis and Options for Use of Compensation Flexibilities*. Santa Monica, CA: RAND Corporation, RR-A730-1. <https://doi.org/10.7249/RR-A730-1>
- Knapp, David**, Sina Beaghley, Karen Schwindt, and Daniel Schwam (2021). *Employee Conversions to the Cyber Excepted Service: Assessing Factors and Characteristics Related to Personnel Conversion Decisions*. Santa Monica, CA: RAND Corporation, RR-A730-1. <https://doi.org/10.7249/RR-A730-2>
- Asch, Beth J., Michael L. Hansen, Rosanna Smart, **David Knapp**, and Daniel Schwam (2021). *An Empirical Assessment of the U.S. Army's Enlistment Waiver Policies: An Examination in Light of Emerging Societal Trends in Behavioral Health and the Legalization of Marijuana*. Santa Monica, CA: RAND Corporation, RR-4431. <https://doi.org/10.7249/RR4431>
- McIntosh, Molly F., Hannah Acheson-Field, Chuck Stelzner, and **David Knapp** (2021). *Streamlining Cost Estimation for Large Department of Defense Organizations*. Santa Monica, CA: RAND Corporation, RR-A900-1. <https://doi.org/10.7249/RR4900-1>
- Knapp, David**, Michael Vasseur, Hannah Acheson-Field, Jonathan Welch, and Lisa M. Harrington (2020). *General and Flag Officer Costs: Annual Cost Estimates for General and Flag Officers and Supporting Personnel*. Santa Monica, CA: RAND Corporation, RR-4286-OSD. <https://doi.org/10.7249/RR4286>
- Schulker, David, Nelson Lim, **David Knapp**, and Bruce R. Orvis (2020). *Improving Strategic Resource Management in the Air Force Recruiting Enterprise: Challenges and Next Steps for Policymakers*. Santa Monica, CA: RAND Corporation. <https://doi.org/10.7249/PEA304-1>
- Wenger, Jeffrey B., **David Knapp**, Parag Mahajan, Bruce R. Orvis, Tiffany Tsai (2019). *Developing a National Recruiting Difficulty Index*. Santa Monica, CA: RAND, RR-2637-A. <https://doi.org/10.7249/RR2637>
- Miller, Laura M., **David Knapp**, Katharina Ley Best, Esther M. Friedman, Gabriella C. Gonzalez, Mark Totten, Jennie W. Wenger, Thomas E. Trail, Marek Posard, and Ernesto Amaral (2018). *An Early Evaluation of the My Career Advancement Account Scholarship for Military Spouses*. Santa Monica, CA: RAND, RR-2093-OSD. <https://doi.org/10.7249/RR2093>
- Knapp, David**, Bruce R. Orvis, Chris Maerzluft, and Tiffany Tsai (2018). *Resources Required to Meet the Army's Enlisted Recruiting Requirements Under Alternative Recruiting Goals, Conditions, and Eligibility Policies*. Santa Monica, CA: RAND, RR-2364-A. <https://doi.org/10.7249/RR2364>
- Knapp, David**, Beth Asch, Christine DeMartini, Teague Ruder, and Janet Hanley (2018). *Using the Person-event Data Environment for Military Personnel Research in the Department of Defense*. Santa Monica, CA: RAND, RR-2302-RC. <https://doi.org/10.7249/RR2302>
- Knapp, David**, Kristine M. Brown, James Hosek, Michael G. Mattock, Beth J. Asch (2016). *Retirement Benefits and Teacher Retention: A Structural Modeling Approach*. Santa Monica, CA: RAND, RR-1448-RC. <https://doi.org/10.7249/RR1448>
- Knapp, David**, Beth J. Asch, Michael G. Mattock, James Hosek (2016). *An Enhanced Capability for Modeling the Impact of Compensation Policy on Department Defense Civil*

Service Retention and Cost. Santa Monica, CA: RAND, RR-1503-OSD.
<https://doi.org/10.7249/RR1503>

Asch, Beth J., Michael G. Mattock, James Hosek, **David Knapp** and Jennifer Kavanaugh (2016). *Workforce Downsizing and Restructuring in the Department of Defense: The Voluntary Separation Incentive Payment Program Versus Involuntary Separation*. Santa Monica, CA: RAND, RR-1540-OSD. <https://doi.org/10.7249/RR1540>

*Gateway to Global Aging Data's **Policy Explorer** - Policy Documents*

Retirement Series

Old-age benefits (State pensions): [Austria](#), [Czech Republic](#), [France](#), [Germany](#), [Italy](#), [Korea](#), [Poland](#), [Spain](#), [United Kingdom](#), [USA](#) (2022); [Belgium](#), [China](#), [Ireland](#), [Netherlands](#) (2023); [Denmark](#), [India](#), [Mexico](#) (2024); [Slovakia](#), [Slovenia](#) (2025)

Old-age dependent spouse benefits: [Austria](#), [France](#), [Germany](#), [Korea](#), [United Kingdom](#), [United States](#) (2022); [Belgium](#), [Ireland](#), [Netherlands](#) (2023)

Old-age survivor benefits: [Austria](#), [Czech Republic](#), [France](#), [Germany](#), [Italy](#), [Korea](#), [Poland](#), [Spain](#), [United Kingdom](#), [USA](#) (2022); [Belgium](#), [China](#), [Ireland](#), [Netherlands](#) (2023); [Denmark](#), [India](#), [Mexico](#) (2024); [Slovakia](#), [Slovenia](#) (2025)

Old-age social assistance: [Austria](#), [Czech Republic](#), [France](#), [Germany](#), [Italy](#), [Korea](#), [Poland](#), [Spain](#), [United Kingdom](#), [USA](#) (2022); [Belgium](#), [China](#), [Ireland](#), [Netherlands](#) (2023); [Denmark](#), [India](#), [Mexico](#) (2024); [Slovakia](#), [Slovenia](#) (2025)

Old-age health insurance: [Austria](#), [Czech Republic](#), [France](#), [Germany](#), [Italy](#), [Korea](#), [Poland](#), [Spain](#), [United Kingdom](#), [USA](#) (2022); [Belgium](#), [China](#), [Ireland](#) (2023); [Denmark](#), [India](#), [Mexico](#), [Netherlands](#) (2024); [Estonia](#), [Slovakia](#), [Slovenia](#), [Sweden](#) (2025)

Long-Term Care Series

In-Kind Long-Term Care Benefits: [Austria](#), [Belgium](#), [France](#), [Germany](#), [Japan](#), [USA](#), [California](#), [Florida](#), [Georgia](#), [Illinois](#), [Michigan](#), [New Jersey](#), [New York](#), [Pennsylvania](#), [Texas](#) (2023); [Korea](#), [Netherlands](#), [Slovakia](#), [Slovenia](#), [Sweden](#), [Arizona](#), [Colorado](#), [Indiana](#), [Maryland](#), [Mississippi](#), [Missouri](#), [North Carolina](#), [Ohio](#), [Tennessee](#), [Virginia](#) (2024); [Czech Republic](#), [Denmark](#), [Estonia](#), [Ireland](#), [Luxembourg](#), [Romania](#), [United Kingdom - England](#), [Alabama](#), [Arkansas](#), [Connecticut](#), [Kentucky](#), [Louisiana](#), [Massachusetts](#), [Minnesota](#), [Nebraska](#), [South Carolina](#), [Washington](#), [Wisconsin](#) (2025)

Cash Long-Term Care Benefits: [Austria](#), [Belgium](#), [Germany](#) (2023); [Korea](#), [Netherlands](#), [Slovakia](#), [Slovenia](#) (2024); [Czech Republic](#), [United Kingdom - England](#) (2025);

24-Hour Care Benefits At Home: [Austria](#) (2023); [Netherlands](#) (2024)

Service Vouchers: [Belgium](#) (2023)

Education Series

[International Compulsory Schooling Policy](#) (2024, extended 2025)

[USAI Compulsory Schooling Policy](#) (2024, extended 2025)

GRANTS AND CONTRACTS

Note: Principal, MPI, or Co-Principal Investigator Projects Only

Expanding the Gateway infrastructure: Supporting causal research on the role of childhood education for determining AD/ADRD-related outcomes, National Institute on Aging, R01AG030153, MPI, 2025.

Gateway Exposome Coordinating Center (GECC) For AD/ADRD Research, National Institute on Aging, U24 AG088894, MPI, 2024.

Pathways and Persistence of Labor Force Transitions During the COVID-19 Pandemic, University of Michigan/Social Security Administration, Co-Principal Investigator, 2024.

Expanding the Gateway Research Infrastructure on Exposome Studies for the Health and Retirement Study and the Harmonized Cognitive Assessment Protocol International Network of Studies, National Institute on Aging, R01AG030153, MPI, 2022.

An Analysis of Racial and Ethnic Disparities in Knowledge About Social Security Programs and Their Consequences, University of Michigan/Social Security Administration, Co-Principal Investigator, 2021.

Teacher Retention Responses to Pension Reform: A Cross-State Analysis, Pew Charitable Trusts, Principal Investigator, 2019.

Analyzing Compensation Strategies for Improving Competitiveness of the DoD Cyber Excepted Service, Office of the Secretary of Defense, Principal Investigator, 2019.

Assessment of Return on Investment for Alternative Local Marketing Activities, US Army, Principal Investigator, 2019.

Public Old Age Pension Benefits and the Household Retirement Decision: An International Comparative Approach, University of Michigan/Social Security Administration, Principal Investigator, 2018.

General and Flag Officer Costs, Office of the Secretary of Defense, Principal Investigator, 2018.

Adaptation, Integration, and Updating of Army Recruiting Models and Tools, US Army, Co-Principal Investigator, 2018.

Relationship of Marketing Campaigns to Prospect, Parent, and General Population Attitudes and to Enlistment Related Actions, US Army, Co-Principal Investigator, 2017.

Recruiting Resource Model for Army Reserve Mission, US Army, Co-Principal Investigator, 2017.

Developing an Evaluation Design for Spouse Education and Career Opportunity Programs: The Impact of MyCAA, Office of the Secretary of Defense, Co-Principal Investigator, 2017.

Analysis of Post-Service Earnings of Military Retirees, US Army, Co-Principal Investigator, 2016.

A Dynamic Behavioral Model of Korean Saving, Work, and Retirement Decisions, Korea Institute for Health and Social Affairs, Co-Principal Investigator, 2015.

Association of Marketing Programs and Internet/Social Media Activity with Enlistments, US Army, Co-Principal Investigator, 2015.

How Do Veterans Fare in Retirement, University of Michigan/Social Security Administration, Principal Investigator, 2015.

PROFESSIONAL ACTIVITIES

Professional Memberships: Society of Labor Economists, Western Economic Association, American Economic Association, Association for Education Finance and Policy, Gerontological Society of America

Referee Service: Journal of Labor Economics, Journal of Policy Analysis and Management, Contemporary Economic Policy, Journal of Human Resources, Journal of the Economics of Ageing, Journal of Pension Economics and Finance, International Review of Administrative Sciences, Demography, Health Economics, Economics of Education Review

AWARDS

RAND Silver Medal, <i>RAND Corporation</i>	2017
Spotlight Innovation Award, <i>RAND Corporation</i>	2016
Winner - Society 2030 Graduate Student Competition for “A Nudge to Improve Retirement Planning through Social Security,” <i>University of Michigan, Institute for Social Research</i>	2013
Center for Retirement Research Dissertation Fellowship in Retirement Research for “The Effect of Social Security Auxiliary Spouse and Survivor’s Benefits on the Household Retirement Decision,” <i>Boston College</i>	2012
Rackham Graduate Student Research Grant, <i>University of Michigan</i>	2012
Rackham Centennial Spring/Summer Fellowship, <i>University of Michigan</i>	2012
Schloss High Performance Computing Award, <i>University of Michigan, Department of Economics</i>	2012