

Lars Vilhuber

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🏠 Google Scholar: 📄 Citations: 3,883 | H-index: 25 📖 RePEc 🗨 CitEc: 562 citations | H-index: 12

Experience

Cornell University, ILR School , Research Professor Research on labor economics, statistical disclosure limitation, open science, reproducibility • Research Professor since July 1, 2026, Senior Research Associate (-2026)	Ithaca, NY 2007 – present 19 years
American Economic Association , Data Editor Oversee data and code availability for economics journals published by the AEA, developed reproducibility verification processes, training materials for reproducible research	USA 2018 – present 8 years
Labor Dynamics Institute, Cornell University , Executive Director Lead research on labor market dynamics, confidentiality protection, data access mechanisms, reproducibility in social science research	Ithaca, NY 2011 – present 15 years
ACES-Research, LLC , Vice-President	USA 2007 – present 19 years
U.S. Census Bureau, Center for Economic Studies , Senior Research Associate Research on confidentiality protection and administrative data, creation of LEHD data infrastructure	Washington, D.C. 2004 – 2020 16 years
Cornell Institute for Social and Economic Research (CISER), Cornell University , Economist, Senior Research Associate or contractor	Ithaca, NY, USA 2001 – 2007 6 years
U.S. Census Bureau, Longitudinal Employer-Household Dynamics (LEHD) Program , Economist	Washington, D.C. 1999 – 2001 2 years
Dept. of Economics, York University , Adjunct Professor Continuation and completion of the dissemination of the COEP data.	Toronto, Canada 1999 – 2002 3 years
Dept. of Economics, York University , Research Fellow Co-responsible for COEP 1996 data administration and dissemination	Toronto, Canada 1998 – 1999 1 year

Impact

Google Scholar: 3,883 citations | H-index 25

CitEc (RePEc): 562 citations | H-index 12

Publications: 190 publications and documents

Research Funding: 19 grants (2007–present)

As AEA Data Editor: 2791 manuscripts | 4973 authors reached

LDI Replication Lab: 220 undergraduates trained

Publications

Published Articles

- Abel Brodeur, Derek Mikola, Nikolai Cook, (21 other authors), **Lars Vilhuber**, (324 other authors). 2026. "Reproducibility and Robustness of Economics and Political Science Research", *Nature*, [10.1038/s41586-026-10251-x](https://doi.org/10.1038/s41586-026-10251-x)
- Abel Brodeur, David Valenta, Alexandru Marcoci, (6 other authors), **Lars Vilhuber**, (262 other authors). 2026. "AI-assisted teams outperform AI-led teams but not human-only teams in assessing research reproducibility in quantitative social science", *Proceedings of the National Academy of Sciences*, [10.1073/pnas.2524747123](https://doi.org/10.1073/pnas.2524747123)
- Michael V. Reiss, Susanne J. Adler, Christopher Barrie, (20 other authors), **Lars Vilhuber**, (7 other authors). 2026. "Improving computational reproducibility in the social sciences", *Nature Human Behaviour*, [10.1038/s41562-026-02570-w](https://doi.org/10.1038/s41562-026-02570-w)
- Klaus M. Schmidt, Levent Neyse, Marianne Saam, (1 other author), **Lars Vilhuber**, (1 other author). 2026. "Open science in den Wirtschaftswissenschaften: Transparenz, Reproduzierbarkeit und Zugang", *Perspektiven der Wirtschaftspolitik*, [10.1515/pwp-2026-0019](https://doi.org/10.1515/pwp-2026-0019)
- John M. Abowd, Tamara Adams, Robert Ashmead, (11 other authors), **Lars Vilhuber**. 2025. "A Simulated Reconstruction and Reidentification Attack on the 2010 U.S. Census", *Harvard Data Science Review*, [10.1162/99608f92.4a1ebf70](https://doi.org/10.1162/99608f92.4a1ebf70)
- Meng Li, Timothy McPhillips, Craig Willis, (3 other authors), **Lars Vilhuber**, (2 other authors). 2025. "TROV - A Model and Vocabulary for Describing Transparent Research Objects", *International Journal of Digital Curation*, [10.2218/ijdc.v19i1.1019](https://doi.org/10.2218/ijdc.v19i1.1019)
- Lars Vilhuber**. 2025. "Using Containers to Validate Research on Confidential Data at Scale", *Harvard Data Science Review*, [10.1162/99608f92.4d1853ce](https://doi.org/10.1162/99608f92.4d1853ce)
- Lars Vilhuber**. 2025. "Reproducibility and Open Science in Economics", *Revue économique*, [10.3917/reco.765.0697](https://doi.org/10.3917/reco.765.0697)
- Sylvérie Herbert, Hautahi Kingi, Flavio Stanchi, **Lars Vilhuber**. 2024. "Reproduce to validate: A comprehensive study on the reproducibility of economics research", *Canadian Journal of Economics/Revue canadienne d'économie*, [10.1111/caje.12728](https://doi.org/10.1111/caje.12728)
- Priya Silverstein, Colin Elman, Amanda Montoya, (27 other authors), **Lars Vilhuber**, (8 other authors). 2024. "A Guide for Social Science Journal Editors on Easing into Open Science", *Research Integrity and Peer Review*, [10.1186/s41073-023-00141-5](https://doi.org/10.1186/s41073-023-00141-5)
- David Card, Ian Schmutte, **Lars Vilhuber**. 2023. "Introduction to the special issue: Models of linked employer–employee data: Twenty years after “High wage workers and high wage firms”", *Journal of Econometrics*, [10.1016/j.jeconom.2023.01.012](https://doi.org/10.1016/j.jeconom.2023.01.012)
- Lars Vilhuber**. 2023. "Reproducibility and transparency versus privacy and confidentiality: Reflections from a data editor", *Journal of Econometrics*, [10.1016/j.jeconom.2023.05.001](https://doi.org/10.1016/j.jeconom.2023.05.001)
- Lars Vilhuber**, Ian Schmutte, Aleksandr Michuda, Marie Connolly. 2023. "Reinforcing Reproducibility and Replicability: An Introduction", *Harvard Data Science Review*, [10.1162/99608f92.9ba2bd43](https://doi.org/10.1162/99608f92.9ba2bd43)
- Ian Schmutte, **Lars Vilhuber**. 2022. "An Interview with John M. Abowd", *International Statistical Review*, [10.1111/insr.12489](https://doi.org/10.1111/insr.12489)
- Lars Vilhuber**, Hyuk Harry Son, Meredith Welch, David N. Wasser, Michael Darisse. 2022. "Teaching for large-scale Reproducibility Verification", *Journal of Statistics and Data Science Education*, [10.1080/26939169.2022.2074582](https://doi.org/10.1080/26939169.2022.2074582)
- Cynthia Dwork, Alan Karr, Kobbi Nissim, **Lars Vilhuber**. 2021. "On privacy in the age of COVID-19", *Journal of Privacy and Confidentiality*, [10.29012/jpc.749](https://doi.org/10.29012/jpc.749)
- Andrew Foote, Mark J. Kutzbach, **Lars Vilhuber**. 2021. "Recalculating ... : How Uncertainty in Local Labour Market Definitions Affects Empirical Findings", *Applied Economics*, [10.1080/00036846.2020.1841083](https://doi.org/10.1080/00036846.2020.1841083)
- Carl Lagoze, **Lars Vilhuber**. 2021. "metajelo: A metadata package for journals to support external linked objects", *International Journal of Digital Curation*, [10.2218/ijdc.v16i1.600](https://doi.org/10.2218/ijdc.v16i1.600)
- M. Jahangir Alam, Benoit Dostie, Jörg Drechsler, **Lars Vilhuber**. 2020. "Applying data synthesis for longitudinal business data across three countries", *Statistics in Transition New Series*, [10.21307/stattrans-2020-039](https://doi.org/10.21307/stattrans-2020-039)
- Kevin L McKinney, Andrew S Green, **Lars Vilhuber**, John M Abowd. 2020. "Total Error and Variability Measures for the Quarterly Workforce Indicators and Lehd Origin-Destination Employment Statistics in Onthemap", *Journal of Survey Statistics and Methodology*, [10.1093/jssam/smaa029](https://doi.org/10.1093/jssam/smaa029)
- Lars Vilhuber**. 2020. "Reproducibility and Replicability in Economics", *Harvard Data Science Review*, [10.1162/99608f92.4f6b9e67](https://doi.org/10.1162/99608f92.4f6b9e67)

- Daniel H. Weinberg, John M. Abowd, Robert F. Belli, (11 other authors), **Lars Vilhuber**, (1 other author). 2019. "Effects of a Government-Academic Partnership: Has the NSF-Census Bureau Research Network Helped Improve the US Statistical System?", *Journal of Survey Statistics and Methodology*, [10.1093/jssam/smy023](https://doi.org/10.1093/jssam/smy023)
- Aleksandra Slavković, **Lars Vilhuber**. 2018. "Remembering Stephen Fienberg", *Journal of Privacy and Confidentiality*, [10.29012/jpc.685](https://doi.org/10.29012/jpc.685)
- Lars Vilhuber**. 2018. "Relaunching the Journal of Privacy and Confidentiality", *Journal of Privacy and Confidentiality*, [10.29012/jpc.706](https://doi.org/10.29012/jpc.706)
- Julie Cloutier, **Lars Vilhuber**, Denis Harrisson, Vanessa Béland-Ouellette. 2017. "Understanding the effect of procedural justice on psychological distress", *International Journal of Stress Management*, [10.1037/str0000065](https://doi.org/10.1037/str0000065)
- C Lagoze, **L Vilhuber**. 2017. "Making confidential data part of reproducible research", *Chance*, [10.1080/09332480.2017.1383118](https://doi.org/10.1080/09332480.2017.1383118)
- Javier Miranda, **Lars Vilhuber**. 2016. "Using partially synthetic microdata to protect sensitive cells in business statistics", *Statistical Journal of the International Association for Official Statistics*, [10.3233/SJI-160963](https://doi.org/10.3233/SJI-160963)
- Lars Vilhuber**, John M. Abowd, Jerome P. Reiter. 2016. "Synthetic establishment microdata around the world", *Statistical Journal of the International Association for Official Statistics*, [10.3233/SJI-160964](https://doi.org/10.3233/SJI-160964)
- Javier Miranda, **Lars Vilhuber**. 2014. "Looking back on three years of using the Synthetic LBD beta", *Statistical Journal of the IAOS: Journal of the International Association for Official Statistics*, [10.3233/SJI-140811](https://doi.org/10.3233/SJI-140811)
- Jörg Drechsler, **Lars Vilhuber**. 2014. "A First Step Towards A German SynLBD: Constructing A German Longitudinal Business Database", *Statistical Journal of the IAOS: Journal of the International Association for Official Statistics*, [10.3233/SJI-140812](https://doi.org/10.3233/SJI-140812)
- John M. Abowd, Matthew J. Schneider, **Lars Vilhuber**. 2013. "Differential privacy applications to bayesian and linear mixed model estimation", *Journal of Privacy and Confidentiality*, [10.29012/jpc.v5i1.627](https://doi.org/10.29012/jpc.v5i1.627)
- Carl Lagoze, William C. Block, Jeremy Williams, John Abowd, **and Lars Vilhuber**. 2013. "Data Management of Confidential Data", *International Journal of Digital Curation*, [10.2218/ijdc.v8i1.259](https://doi.org/10.2218/ijdc.v8i1.259)
- John M Abowd, **Lars Vilhuber**. 2012. "Did the Housing Price Bubble Clobber Local Labor Market Job and Worker Flows When It Burst?", *The American Economic Review*, [10.1257/aer.102.3.589](https://doi.org/10.1257/aer.102.3.589)
- John M. Abowd, **Lars Vilhuber**. 2011. "National estimates of gross employment and job flows from the quarterly workforce indicators with demographic and industry detail", *Journal of Econometrics*, [10.1016/j.jeconom.2010.09.008](https://doi.org/10.1016/j.jeconom.2010.09.008)
- John M. Abowd, **Lars Vilhuber**. 2011. "Science, confidentiality, and the public interest", *Chance*, [10.1080/09332480.2011.10739876](https://doi.org/10.1080/09332480.2011.10739876)
- Julie Cloutier, **Lars Vilhuber**. 2008. "Procedural justice criteria in salary determination", *Journal of Managerial Psychology*, [10.1108/02683940810894765](https://doi.org/10.1108/02683940810894765)
- John M. Abowd, **Lars Vilhuber**. 2005. "The sensitivity of economic statistics to coding errors in personal identifiers", *Journal of Business & Economic Statistics*, [jstor.org/stable/27638803](https://www.jstor.org/stable/27638803)
- Harry Holzer, Julia Lane, **Lars Vilhuber**. 2004. "Escaping poverty for low-wage workers: The role of employer characteristics and changes", *Industrial and Labor Relations Review*, [10.1177/001979390405700405](https://doi.org/10.1177/001979390405700405)
- David N. Margolis, Véronique Simonnet, **Lars Vilhuber**. 2001. "Early career experiences and later career outcomes: Comparing the United States, France and Germany", *Vierteljahrshefte zur Wirtschaftsforschung*, [10.3790/vjh.70.1.31](https://doi.org/10.3790/vjh.70.1.31)
- Lars Vilhuber**. 2001. "La spécificité de la formation en milieu de travail : un survol des contributions théoriques et empiriques récentes", *L'Actualité économique, Revue d'analyse économique*, [10.7202/602347ar](https://doi.org/10.7202/602347ar)
- Lars Vilhuber**. 1999. "Continuous Training and sectoral mobility in Germany: Evidence from the 90s", *Vierteljahrsheft für Wirtschaftsforschung*, hdl.handle.net/10419/141240

Conference Papers

- Lars Vilhuber**. 2026. "Report of the AEA Data Editor", *AEA Papers and Proceedings*, [10.1257/pandp.116.890](https://doi.org/10.1257/pandp.116.890)
- Lars Vilhuber**. 2026. "Report of the Oversight Committee for Registry of Randomized Controlled Trials", *AEA Papers and Proceedings*, [10.1257/pandp.116.906](https://doi.org/10.1257/pandp.116.906)
- Lars Vilhuber**, Jack Cavanagh. 2025. "Report of the AEA Data Editor", *AEA Papers and Proceedings*, [10.1257/pandp.115.944](https://doi.org/10.1257/pandp.115.944)
- Lars Vilhuber**. 2024. "Report of the AEA Data Editor", *AEA Papers and Proceedings*, [10.1257/pandp.114.878](https://doi.org/10.1257/pandp.114.878)
- Lars Vilhuber**. 2023. "Report of the AEA Data Editor", *AEA Papers and Proceedings*, [10.1257/pandp.113.850](https://doi.org/10.1257/pandp.113.850)

- Lars Vilhuber**. 2022. "Report by the AEA Data Editor", *AEA Papers and Proceedings*, [10.1257/pandp.112.813](https://doi.org/10.1257/pandp.112.813)
- Lars Vilhuber**. 2021. "Report by the AEA Data Editor", *AEA Papers and Proceedings*, [10.1257/pandp.111.808](https://doi.org/10.1257/pandp.111.808)
- Lars Vilhuber**, James Turitto, Keesler Welch. 2020. "Report by the AEA Data Editor", *AEA Papers and Proceedings*, [10.1257/pandp.110.764](https://doi.org/10.1257/pandp.110.764)
- Lars Vilhuber**. 2019. "Report by the AEA Data Editor", *AEA Papers and Proceedings*, [10.1257/pandp.109.718](https://doi.org/10.1257/pandp.109.718)
- John M. Abowd, Ian M. Schmutte, William N. Sexton, **Lars Vilhuber**. 2019. "Why the Economics Profession Must Actively Participate in the Privacy Protection Debate", *AEA Papers and Proceedings*, [10.1257/pandp.20191106](https://doi.org/10.1257/pandp.20191106)
- Lars Vilhuber**. 2019. "Making Confidential Data Part of Reproducible Research", *Methods to Foster Transparency and Reproducibility of Federal Statistics: Proceedings of a Workshop*, [10.17226/25305](https://doi.org/10.17226/25305)
- Michelle Pistner, Aleksandra Slavković, **Lars Vilhuber**. 2018. "Synthetic data via quantile regression for heavy-tailed and heteroskedastic data", *Privacy in statistical databases*, [10.1007/978-3-319-99771-1_7](https://doi.org/10.1007/978-3-319-99771-1_7)
- Samuel Haney, Ashwin Machanavajjhala, John M. Abowd, (2 other authors), **Lars Vilhuber**. 2017. "Utility Cost of Formal Privacy for Releasing National Employer-Employee Statistics", *Proceedings of the 2017 International Conference on Management of Data*, [10.1145/3035918.3035940](https://doi.org/10.1145/3035918.3035940)
- Lars Vilhuber**, Ian M. Schmutte, and John M. Abowd. 2017. "Proceedings from the 2016 NSF–Sloan Workshop on Practical Privacy", *2016 NSF–Sloan Workshop on Practical Privacy*, hdl.handle.net/1813/89100
- Carl Lagoze, **Lars Vilhuber**, Jeremy Williams, Benjamin Perry, and William C. Block. 2014. "CED2AR: The Comprehensive Extensible Data Documentation and Access Repository.", *ACM/IEEE Joint Conference on Digital Libraries (JCDL 2014)*, [10.1109/JCDL.2014.6970178](https://doi.org/10.1109/JCDL.2014.6970178)
- Javier Miranda, **Lars Vilhuber**. 2014. "Using partially synthetic data to replace suppression in the business dynamics statistics: Early results", *Privacy in statistical databases*, [10.1007/978-3-319-11257-2_18](https://doi.org/10.1007/978-3-319-11257-2_18)
- Jörg Drechsler, **Lars Vilhuber**. 2014. "Synthetic longitudinal business databases for international comparisons", *Privacy in statistical databases*, [10.1007/978-3-319-11257-2_19](https://doi.org/10.1007/978-3-319-11257-2_19)
- Jörg Drechsler, **Lars Vilhuber**. 2013. "Replicating the Synthetic LBD with German establishment data", *Proceedings 59th ISI world statistics congress, 25-30 august 2013, hong kong (session STS062)*, 2013.isiproceedings.org
- Carl Lagoze, Jeremy Williams, **Lars Vilhuber**. 2013. "Encoding Provenance Metadata for Social Science Datasets.", *Meta-data and Semantics Research. Communications in Computer and Information Science*, [10.1007/978-3-319-03437-9_13](https://doi.org/10.1007/978-3-319-03437-9_13)
- Carl Lagoze, William C. Block, Jeremy Williams, **Lars Vilhuber**. 2013. "Encoding provenance of social science data: Integrating PROV with DDI", *5th annual european DDI user conference*, eddi-conferences.eu/assets/pdf/eddi-2013-program.pdf
- J.M. Abowd, **Lars Vilhuber**, William C. Block. 2012. "A Proposed Solution to the Archiving and Curation of Confidential Scientific Inputs", *Privacy in Statistical Databases*, [10.1007/978-3-642-33627-0_17](https://doi.org/10.1007/978-3-642-33627-0_17)
- Benoit Dostie, Kevin L. McKinney, **Lars Vilhuber**. 2009. "Using linked employer-employee data to investigate the speed of adjustment in downsizing firms in Canada and the US", *International census research data center conference*
- John Abowd, **Lars Vilhuber**. 2008. "How protective are synthetic data", *Privacy in statistical database*, [10.1007/978-3-540-87471-3_20](https://doi.org/10.1007/978-3-540-87471-3_20)
- Ashwin Machanavajjhala, Daniel Kifer, John M Abowd, Johannes Gehrke, **Lars Vilhuber**. 2008. "Privacy: Theory meets practice on the map", *Proceedings of the International Conference on Data Engineering*, [10.1109/ICDE.2008.4497436](https://doi.org/10.1109/ICDE.2008.4497436)
- Kevin L. McKinney, **Lars Vilhuber**. 2006. "Using linked employer-employee data to investigate the speed of adjustment in downsizing firms", *Conference on the analysis of firms and employees (CAFE)*, econpapers.repec.org/paper/centpaper/2006-03.htm

Book Chapters

- Soumya Mukherjee, Aratrika Mustafi, Aleksandra Slavković, **Lars Vilhuber**. 2026. "Improving Privacy for Respondents in Randomized Controlled Trials: A Differential Privacy Approach", *Data Privacy Protection and the Conduct of Applied Research: Methods, Approaches and New Findings*, nber.org/books-and-chapters/data-privacy-protection-and-conduct-applied-research-methods-approaches-and-new-findings/improving-privacy-respondents-randomized-controlled-trials-differential-privacy-approach
- Lars Vilhuber**. 2026. "Using Containers for Analysis Validation at Scale", *Data Privacy Protection and the Conduct of Applied Research: Methods, Approaches and New Findings*, nber.org/books-and-chapters/data-privacy-protection-and-conduct-applied-research-methods-approaches-and-new-findings/using-containers-analysis-validation-scale

- Lars Vilhuber**. 2024. "Protecting Confidential Data through Non-Statistical Methods", *Handbook of sharing confidential data: differential privacy, secure multiparty computation, and synthetic data*
- John M. Abowd, Ian M. Schmutte, **Lars Vilhuber**. 2021. "Disclosure Limitation and Confidentiality Protection in Linked Data", *Administrative Records for Survey Methodology*, wiley.com/en-ca/Administrative+Records+for+Survey+Methodology-p-9781119272045
- Shawn Cole, Iqbal Dhaliwal, Anja Sautmann, **Lars Vilhuber**. 2021. "Using Administrative Data for Research and Evidence-Based Policy: An Introduction", *Handbook on Using Administrative Data for Research and Evidence-based Policy*, [10.31485/admindatahandbook.1.0](https://doi.org/10.31485/admindatahandbook.1.0)
- Ian M. Schmutte, **Lars Vilhuber**. 2021. "Balancing Privacy and Data Usability: An Overview of Disclosure Avoidance Methods", *Handbook on Using Administrative Data for Research and Evidence-based Policy*, [10.31485/admindatahandbook.1.0](https://doi.org/10.31485/admindatahandbook.1.0)
- Jim Shen, **Lars Vilhuber**. 2021. "Physically Protecting Sensitive Data", *Handbook on Using Administrative Data for Research and Evidence-based Policy*, [10.31485/admindatahandbook.1.0](https://doi.org/10.31485/admindatahandbook.1.0)
- J M Abowd, B E Stephens, **L Vilhuber**, (4 other authors). 2009. "The LEHD Infrastructure Files and the Creation of the Quarterly Workforce Indicators", *Producer Dynamics: New Evidence from Micro Data*, nber.org/chapters/c0485
- John M. Abowd, Kevin L. McKinney, **Lars Vilhuber**. 2009. "The link between human capital, mass layoffs, and firm deaths", *Producer dynamics: New evidence from micro data*, nber.org/chapters/c0497
- Lars Vilhuber**. 2009. "Adjusting imperfect data: Overview and case studies", *The structure of wages: An international comparison*, nber.org/chapters/c2366
- Lisa Dragoset, **Lars Vilhuber**. 2008. "How did universal primary education affect returns to education and labor market participation in uganda?", *Youth in africa's labor market*, [10.1596/978-0-8213-6884-8_ch11](https://doi.org/10.1596/978-0-8213-6884-8_ch11)
- David N. Margolis, Erik Plug, Véronique Simonnet, **Lars Vilhuber**. 2004. "Early career experiences and later career outcomes: An International Comparison", *Human capital over the life cycle - A European perspective*

Books

- Shawn Cole, Iqbal Dhaliwal, Anja Sautmann, **Lars Vilhuber**. 2021. "Handbook on Using Administrative Data for Research and Evidence-based Policy", *Abdul Latif Jameel Poverty Action Lab*, [10.31485/admindatahandbook.1.0](https://doi.org/10.31485/admindatahandbook.1.0)

Talks

Public presentations and speaking engagements

Since 2021, I have participated in **68** talks, **21** workshops, and **8** panels. Find the complete list on my [Talks](#) page.

lars.vilhuber.com/talks

Professional Service

Data Editor, American Economic Association journals

2018 – present

Oversee data and code availability for economics journals published by the AEA

- Impact: [cumulative summary of AEA data editing](#)

www.aeaweb.org/journals/data

Oversight Committee for Registry of Randomized Controlled Trials

2025 – present

Supervise the operations of the AEA's Registry of Randomized Controlled Trials, which promotes transparency and reproducibility in economics research by providing a platform for researchers to pre-register their randomized controlled trials.

- Chair, 2025-present
- Member: Nicholas Bloom
- Member: Esther Duflo
- Member: Edward Miguel

www.aeaweb.org/about-aea/committees

Ad Hoc Committee on the Use of AI in the AEA Journals and Publication Process

2026 – present

To consider the various opportunities and challenges that the rise of AI present for the Association's journals, publication processes, and operations.

- Member.

Harvard Data Science Review • Associate Editor since 2019 • Column Editor, "Reinforcing Reproducibility and Replicability", since 2023 hdsr.mitpress.mit.edu/reinforcing-rr	2019 – present
Conseil d'orientation du Centre interuniversitaire québécois de statistiques sociales (CIQSS)/Advisory board of the Quebec Inter-University Centre for Social Statistics (QICSS) [Canada], member ciqss.org	Canada 2014 – present
Comité scientifique du Centre d'accès sécurisé aux données (CASD) [Scientific advisory board of the Center for secure data access, France] • Chair 2014-present • Member 2012-2014 www.casd.eu	France 2012 – present
Working Group Open Science of the Verein für Socialpolitik [German Economic Association] Works on promoting open science practices in economics, within the German economics community. Convened by VfS President in 2025, Prof. Klaus Schmidt (LMU). • Member www.socialpolitik.org/en/working-groups/open-science	Germany 2025 – present
Urban-IRS Validation Server Advisory Board Meeting • Member www.urban.org/projects/safe-data-technologies	Washington, DC 2022 – present
Board of Directors of the Canadian Research Data Centre Network/ Réseau canadien des Centres de données de recherche • Member crdcn.ca	Canada 2019 – 2026
Journal of Privacy and Confidentiality Relaunched the journal with Cynthia Dwork, implemented open access infrastructure, ran the day-to-day process of the journal. • Relaunch, 2018 • Executive Editor, 2018-2024 www.journalprivacyconfidentiality.org	2018 – 2024
World Bank Review: Improving Reproducibility in the World Bank Policy Research Working Paper Series Peer reviewer of concept for improving reproducibility in the World Bank Policy Research Working Paper Series. • World Bank launched reproducibility.worldbank.org and associated processes the same year.	2023
Journal of Econometrics • Guest Editor for special issue on Linked Employer-Employee Data www.journals.elsevier.com/journal-of-econometrics	2019 – 2021
Committee on the Future of Scholarly Communications (Cornell University) • Member	Ithaca, NY 2019 – 2020

Social Sciences and Humanities Research Council of Canada (SSHRC) • Adjudication committee for Insight Grants, 2018-2019	Canada 2018 – 2019
American Statistical Association, Committee on Privacy and Confidentiality • Chair 2020-2021 • Member 2016-2020	USA 2016 – 2021
Contributions to activities of the National Academies of Science, Engineering, and Medicine • Forecasting Costs for Preserving, Archiving, and Promoting Access to Biomedical Data (DEPS-BMSA-18-02) • Transparency and Reproducibility of Federal Statistics for the National Center for Science and Engineering Statistics (DBASSE-CNSTAT-17-04) • Workshop on Transparency and Reproducibility in Federal Statistics (DBASSE-CN-STAT-16-02), presentation in June 2017, workshop report see Vilhuber, 2019a • Committee on Reproducibility and Replicability in Science (DBASSE-BBCSS-17-03), commissioned paper prepared July 2018 (Vilhuber, 2018c), final consensus report see National Academies of Sciences, Engineering, and Medicine, 2019	USA 2016 – 2019
National Science Foundation, Methodology, Measurement, and Statistics (MMS) Advisory Panel	USA 2016 – 2018
International Data Service Centre, IZA Institute of Labor Economics, Advisory Board	Germany 2016
LEHD Technical Papers • Created and maintained the LEHD Technical Papers series. ideas.repec.org/s/cen/tpaper.html	2000 – 2007
Professional Associations • Society of Labor Economists (SOLE) • American Economic Association (AEA) • American Statistical Association (ASA) • Elected member, The International Statistical Institute, 2018-	

Grants & Funding

To train the next generation of scholars to conduct replication studies and produce transparent, reproducible, and replicable research To train the next generation of scholars to conduct replication studies and produce transparent, reproducible, and replicable research. Lars Vilhuber, Abel Brodeur sloan.org/grant-detail/g-2023-22326	2023 – 2026
Collaborative Research: Elements: TRANsparency CERTified (TRACE): Trusting Computational Research Without Repeating It The central goal of the TRACE project is the development, validation, and implementation of a technical model of certified transparency. This includes a set of infrastructure elements that can be employed by system owners to (1) declare the dimensions of computational transparency supported by their platforms; (2) certify that a specific computational workflow was executed on the platform; and (3) bundle artifacts, records of their execution, technical metadata about their contents, and certify them for dissemination. The first phase of the project focuses on the development of a conceptual model and technical specification that can be used to certify the description of a system, termed a Transparency-Certified System (TRACE system), and the aggregation of artifacts along with records of their execution, termed Transparency-Certified Research Objects (TROs). The second phase focuses on	July 2022 – Dec 2025

the development of reusable software components implementing the TRACE model and approach. To demonstrate certified transparency, the toolkit is used to TRACE-enable existing platforms including Whole Tale, SKOPE, and the SLURM workload manager. These TRACE-enabled systems produce certified TROs that can be trusted and do not need to be repeated or re-executed to verify that results were obtained as claimed.

Lars Vilhuber (this grant: \$182,000), Bertram Ludaescher (Grant 2209628), Timothy M McPhillips (Grant 2209628), Kacper Kowalik (Grant 2209628), Craig Willis (Grant 2209628), Thu-Mai Christian (Grant 2209630)

www.nsf.gov/awardsearch/showAward?AWD_ID=2209629&HistoricalAwards=false

Mid-Scale RI-2: the Research Data Ecosystem (Rde), a National Resource for Reproducible, Robust, and Transparent Social Science Research in the 21st Century

This project will implement a new platform for social and behavioral science data. Diverse types of data enable path-breaking analyses into human behavior but also present challenges of scale, sensitivity, and structure. Current barriers to conducting research include multiple incompatible standards for data, lack of interoperability, and the inherent difficulty of managing big data. There is an urgent need for new modes of access, confidentiality protection, methodological approaches, and tools so that research using a variety of data types meets accepted scientific standards. The Research Data Ecosystem (RDE) will modernize the management of data to enable a new era of interconnected research for the social and behavioral sciences. The platform will improve the quality of data-driven social and behavioral science research over the entire data life cycle. My role is to help identify issues that emerge from actual usage of the current infrastructure, and forecasting the needs of economists and possibly other social sciences, based on my experience as a researcher and as AEA Data Editor.

Margaret C Levenstein, Lars Vilhuber (sub-award)

www.nsf.gov/awardsearch/showAward?AWD_ID=1946932

June 2024 – June 2026

Conferences on Reproducibility and Replicability in Economics and the Social Sciences (CRRESS)

This award provides partial support for a series of virtual and in-person conferences on the topics of reproducibility, replicability, and transparency in the social sciences. The conferences address educational and procedural barriers slowing down adoption of best practices, whether journals should be the verifiers of reproducibility, whether (and how) scientists' work can be made to be reproducible at every stage of the research process, and implications thereof for funding, technical infrastructure, and the training of undergraduate and graduate students.

Lars Vilhuber, Aleksandr Michuda

www.nsf.gov/awardsearch/showAward?AWD_ID=2217493

Aug 2022 – July 2025

Subaward from: CC*DNI DIBBS: Merging Science and Cyberinfrastructure Pathways: The Whole Tale

The goal of this project is to strengthen the second layer of research output, and to build a robust third layer that integrates all parts of the story, conveying the holistic experience of reproducible scientific inquiry by (1) exposing existing cyberinfrastructure through popular frontends, e.g., digital notebooks (IPython, Jupyter), traditional scripting environments, and workflow systems; (2) developing the necessary 'software glue' for seamless access to different backend capabilities, including from DataNet federations and Data Infrastructure Building Blocks (DIBBs) projects; and (3) enhancing the complete data-to-publication lifecycle by empowering scientists to create computational narratives in their usual programming environments, enhanced with new capabilities from the underlying cyberinfrastructure (e.g., identity management, advanced data access and provenance APIs, and Digital Object Identifier-based data publications). The technologies and interfaces will be developed and stress-tested using a diverse set of data types, technical frameworks, and early adopters across a range of science domains. (I was not involved in the original proposal)

Mar 2016 – Feb 2023

Bertram Ludaescher, Victoria Stodden, Niall I Gaffney, Matthew J Turk, Kyle Chard, Subaward:
Lars Vilhuber, \$35,000
www.nsf.gov/awardsearch/showAward?AWD_ID=1541450&HistoricalAwards=false

To identify and test effective interventions for enhancing the quality and completeness of randomized-controlled-trial registries

2021 – 2025

To identify and test effective interventions for enhancing the quality and completeness of randomized-controlled-trial registries.

Lars Vilhuber, Sarah Kopper, Jack Cavanagh
sloan.org/grant-detail/g-2021-17105

To improve policy-relevant research by facilitating the use of administrative data among economists who design, run, and analyze randomized controlled trials

2019 – 2022

To improve policy-relevant research by facilitating the use of administrative data among economists who design, run, and analyze randomized controlled trials. Grant supported the Innovations in Data and Experiments for Action Initiative (IDEA) at J-PAL Global, including core technical staff, two pilot projects in the United States, and creation of the Handbook on Using Administrative Data for Research and Evidence-Based Policy.

Anja Sautmann, Shawn Cole, Iqbal Dhaliwal, Lars Vilhuber (subaward to Cornell University)
sloan.org/grant-detail/g-2019-11391

To support a conference on research using linked employer-employee data to study labor markets and disseminate these insights to the wider economics community

2019 – 2021

To support a conference on research using linked employer-employee data to study labor markets and disseminate these insights to the wider economics community.

Lars Vilhuber, Ian Schmutte, David Card
sloan.org/grant-detail/g-2019-12486

To enhance the transparency, reproducibility, and replicability of empirical research in the social sciences by simplifying how authors can, when submitting a paper to a journal, also provide structured metadata about the provenance and archiving of code, data, and other supplementary materials

2018 – 2020

To enhance the transparency, reproducibility, and replicability of empirical research in the social sciences by simplifying how authors can, when submitting a paper to a journal, also provide structured metadata about the provenance and archiving of code, data, and other supplementary materials.

Lars Vilhuber, Carl Lagoze
sloan.org/grant-detail/g-2018-11377

To study the economics of socially efficient protocols for managing research databases containing private information

2015 – 2017

This project characterized the ‘efficient frontier’ of privacy-accuracy tradeoffs in research data protocols, assembling a library of protocols (including homomorphic encryption, secure computation, and differential privacy) and measuring public attitudes toward these trade-offs.

John M Abowd, Lars Vilhuber
sloan.org/grant-detail/g-2015-13903

RCN: Coordination of the NSF-Census Research Network

Oct 2014 – June 2017

Coordinates a national research network to advance theory, methodology, and tools for the Census Bureau and the federal statistical system.

Lars Vilhuber, Margaret C Levenstein, Jerome P Reiter
www.nsf.gov/awardsearch/showAward?AWD_ID=1507241

RCN: Coordination of the NSF-Census Research Network

July 2012 – Mar 2015

Coordinates a national research network to advance theory, methodology, and tools for the Census Bureau and the federal statistical system.

Alan F Karr, John M Abowd, Jerome P Reiter, Lars Vilhuber

www.nsf.gov/awardsearch/showAward?AWD_ID=1237602

NCRN-MN: Cornell Census-NSF Research Node: Integrated Research Support, Training and Data Documentation

Oct 2011 – Sept 2017

Creates tools and methods for documenting, preserving, and sharing restricted-access social science data, supporting reproducible research with confidential datasets.

Lars Vilhuber, John M Abowd, William C Block, Ping Li

www.nsf.gov/awardsearch/showAward?AWD_ID=1131848

Synthetic Data User Testing and Dissemination

Sept 2010 – Aug 2015

Develops and tests methods for making detailed government data available to researchers while protecting individual privacy, focusing on synthetic data.

John M Abowd, Lars Vilhuber

www.nsf.gov/awardsearch/showAward?AWD_ID=1042181

TC: Large: Collaborative Research: Practical Privacy: Metrics and Methods for Protecting Record-level and Relational Data

July 2010 – June 2017

Bridges statistics and computer science to develop privacy-preserving methods for releasing confidential data, focusing on synthetic data and formal privacy guarantees.

John M Abowd, Johannes E Gehrke, Lars Vilhuber

www.nsf.gov/awardsearch/showAward?AWD_ID=1012593

Joint NSF-Census-IRS Workshop on synthetic data and confidentiality protection, July 2009 Washington, DC

July 2009 – June 2011

Workshop to discuss and improve synthetic and partially synthetic public-use micro-data, fostering collaboration between researchers and statistical agencies.

John M Abowd, Ronald Jarmin, Jerome P Reiter, Lars Vilhuber

www.nsf.gov/awardsearch/showAward?AWD_ID=0922494

Social Science Gateway to TeraGrid

July 2009 – June 2013

Expands access to large-scale confidential Census Bureau data for social science research, building infrastructure for tera-scale data analysis.

John M Abowd, Lars Vilhuber

www.nsf.gov/awardsearch/showAward?AWD_ID=0922005

The economics of mass layoffs: displaced workers, displacing firms, and causes and consequences

Oct 2008 – Sept 2013

Measures the cost of job loss for workers using mass layoffs as a natural experiment, addressing exogeneity and representativeness in labor market research.

John M Abowd, Lars Vilhuber

www.nsf.gov/awardsearch/showAward?AWD_ID=0820349

Synthesis of HRS-SSA linked data

Sept 2007 – Aug 2010

This project is a Phase I feasibility study of applying these new methods, called synthetic data, to a subset of the variables in the SSA records that link to the general-use RAND-HRS data. The project has three main components: (1) port a general data synthesizer that was developed at the U.S. Census Bureau for use with SSA data linked to the Survey of Income and Program Participation for adaptation to the HRS/SSA link; (2) synthesize a few variables from the HRS/SSA link and test their usefulness in statistical modeling; (3) perform studies of the statistical disclosure risk associated with linking synthetic SSA data to the RAND-HRS general-release file. If the confidentiality-protected data prove scientifically useful and if the

statistical disclosure risk can be controlled, then Phase II of the research would synthesize the entire HRS/SSA data link.

John M Abowd, Lars Vilhuber

reporter.nih.gov/search/tfrpgQe35EqhqkYzSl6Rmg/project-details/7223120

Education

PhD	Université de Montréal , Economics	Montreal, Canada
	- Dissertation: 'Trois essais sur la mobilité et la formation des travailleurs en Allemagne et aux États-Unis' (Three essays on worker mobility and worker training in Germany and the US) - Thesis committee: Thomas Lemieux, David Margolis	1993 – 1999
	www.umontreal.ca	
MSc	Université de Montréal , Economics	Montreal, Canada
	One year program preceding and independent of the Ph.D. program, with a thesis requirement.	1992 – 1993
	www.umontreal.ca	
B.Sc.	Universität Bonn , Volkswirtschaftslehre (VWL, Economics)	Bonn, Germany
	- Completed Vordiplom - Partial completion of requirements for Diplom (3 of 5 exams)	1990 – 1992
B.Sc.	Fern-Universität Hagen , Volkswirtschaftslehre (VWL, Economics)	Germany
	- Partial completion of requirements for Vordiplom - Study by correspondence (paper and pencil!) while doing national service	1988 – 1990

Languages

English

Fluent

German

Native speaker

French

Fluent

Portuguese

Advanced (used to be fluent)

Spanish

Conversational (but opinions might differ)