Lars VILHUBER
CURRICULUM VITAE
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Research interests :

Effect of labor market conditions on remuneration; labor market effects of displacement; low wage labor market; comparative labor market studies, applied econometrics; statistical editing technologies; statistical name matching procedures; privacy and confidentiality.

Professional activities :

Current

2018-	Data Editor, American Economic Association
2011-	Executive Director, Labor Dynamics Institute, Cornell University
2011-	Affiliated faculty, Department of Economics, Cornell University
2016-	Senior Research Associate (IPA), Center for Economic Studies and LEHD Program at the U.S. Census Bureau, Washington D.C., USA
2007-	Economist, Senior Research Associate ILR School at Cornell University, Ithaca, NY, USA
2007-	Vice-President, ACES-Research, LLC, Ithaca, NY, USA

Government

2004-2016	Senior Research Associate (IPA, research contracts), Center for Economic Studies and LEHD Program at the U.S. Census Bureau, Washington D.C., USA
2001-2002	Economist (Consultant), LEHD Program at the U.S. Census Bureau, Washington D.C., USA
1999-2001	Economist, U.S. Census Bureau, Longitudinal Employer-Household Dynamics (LEHD) Program
1998-2000	Economic consultant to Human Resources Development Canada

Academia

Cornell Institute for Social and Economic Research (CISER), Cornell University, USA

2004-2007	Economist, Senior Research Associate CISER at Cornell University, Ithaca, NY, USA
2001-2004	Economist (Consultant), CISER at Cornell University, Ithaca, NY, USA

Dept. of Economics, York University, Canada

1999-2002	Adjunct Professor, York University, Toronto, Canada
1998-1999	Research Fellow, co-responsible for COEP 1996 data administration and dissemination.

Referreed Publications :

Abowd, John M., Ian M. Schmutte, William N. Sexton, and Lars Vilhuber. "Why the Economics Profession Must Actively Participate in the Privacy Protection Debate." *AEA Papers and Proceedings* 109 (2019): 397–402. doi:10.1257/pandp.20191106.

Vilhuber, Lars. "Report by the AEA Data Editor." *AEA Papers and Proceedings* 109 (2019): 397–402. doi:10.1257/pandp.109.718.

Foote, Andrew, Mark J. Kutzbach, and Lars Vilhuber. "Recalculating - How Uncertainty in Local Labor Market Definitions Affects Empirical Findings." *submitted*, 2018.

Slavković, Aleksandra, and Lars Vilhuber. "Remembering Stephen Fienberg." *Journal of Privacy and Confidentiality* 8, no. 1 (2018). doi:10.29012/jpc.685.

Vilhuber, Lars. "Relaunching the Journal of Privacy and Confidentiality." *Journal of Privacy and Confidentiality* 8, no. 1 (2018). doi:10.29012/jpc.706.

Weinberg, Daniel H., John M. Abowd, Robert F. Belli, Noel Cressie, David C. Folch, Scott H. Holan, Margaret C. Levenstein, Kristen M. Olson, Jerome P. Reiter, Matthew D. Shapiro, Jolene Smyth, Leen-Kiat Soh, Bruce D. Spencer, Seth E. Spielman, Lars Vilhuber, and Christopher K. Wikle. "Effects of a Government-Academic Partnership: Has the NSF-Census Bureau Research Network Helped Improve the U.S. Statistical System?" *Journal of Survey Statistics and Methodology*, 2018. doi:10.1093/jssam/smy023.

Cloutier, Julie, Lars Vilhuber, Denis Harrisson, and Vanessa Béland-Ouellette. "Understanding the effect of procedural justice on psychological distress." *International Journal of Stress Management* Advance online (2017). doi:10.1037/str0000065.

McKinney, Kevin L., Andrew S. Green, John M. Abowd, and Lars Vilhuber. "Total Error and Variability Measures with Integrated Disclosure Limitation for Quarterly Workforce Indicators and LEHD Origin Destination Employment Statistics in OnTheMap." *submitted*, 2017.

Vilhuber, Lars, and Carl Lagoze. "Making Confidential Data Part of Reproducible Research." *Chance*, 2017. http://chance.amstat.org/2017/09/reproducible-research/.

Miranda, Javier, and Lars Vilhuber. "Using partially synthetic microdata to protect sensitive cells in business statistics." *Statistical Journal of the International Association for Official Statistics* 32, no. 1 (2016): 69–80. doi:10.3233/SJI-160963.

Vilhuber, Lars, John M. Abowd, and Jerome P. Reiter. "Synthetic establishment microdata around the world." *Statistical Journal of the International Association for Official Statistics* 32, no. 1 (2016): 65–68. doi:10.3233/SJI-160964.

Drechsler, Jörg, and Lars Vilhuber. "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* 30 (2014). doi:10.3233/SJI-140812.

Miranda, Javier, and Lars Vilhuber. "Looking Back On Three Years Of Using The Synthetic LBD Beta." *Statistical Journal of the IAOS: Journal of the International Association for Official Statistics* 30 (2014). doi:10.3233/SJI-140811.

Abowd, John M., Matthew J. Schneider, and Lars Vilhuber. "Differential Privacy Applications to Bayesian and Linear Mixed Model Estimation." Article 4, *Journal of Privacy and Confidentiality* 5, no. 1 (2013). https://doi.org/10.29012/jpc.v5i1.627.

Drechsler, Jörg, and Lars Vilhuber. "Replicating the Synthetic LBD with German Establishment Data." *Proceedings 59th ISI World Statistics Congress, 25-30 August 2013, Hong Kong (Session STS062)*, 2013, 2291–2296. Accessed March 24, 2014. http://2013.isiproceedings.org.

Lagoze, Carl, William C. Block, Jeremy Williams, John M. Abowd, and Lars Vilhuber. "Data Management of Confidential Data." *International Journal of Digital Curation* 8, no. 1 (2013): 265–278. doi:`10.2218/ijdc.v8i1.259`.

Abowd, John M., and Lars Vilhuber. "Did the Housing Price Bubble Clobber Local Labor Market Job and Worker Flows When It Burst?" *American Economic Review* 102, no. 3 (2012): 589–93. doi:`10.1257/aer.102.3.589`.

———. "Did the Housing Price Bubble Clobber Local Labor Market Job and Worker Flows When It Burst? - Online Appendix." *American Economic Review* 102, no. 3 (2012): 589–93. doi:`10.1257/aer.102.3.589`.

———. "National Estimates of Gross Employment and Job Flows from the Quarterly Workforce Indicators with Demographic and Industry Detail." *Journal of Econometrics* 161 (2011): 82–99. doi:`10.1016/j.jeconom.2010.09.008`.

———. "Science, Confidentiality, and the Public Interest." *Chance* 24, no. 3 (2011): 58–62. doi:`10.1080/09332480.2011.10739876`.

Cloutier, Julie, and Lars Vilhuber. "Procedural justice criteria in salary determination." *Journal of Managerial Psychology* 23, no. 6 (2008): 713–740. doi:`10.1108/02683940810894765`.

Machanavajjhala, Ashwin, Daniel Kifer, John M. Abowd, Johannes Gehrke, and Lars Vilhuber. "Privacy: Theory meets practice on the map." *International Conference on Data Engineering (ICDE)* (Washington, DC, USA), 2008, 277–286. doi:`10.1109/ICDE.2008.4497436`.

Abowd, John M., and Lars Vilhuber. "The Sensitivity of Economic Statistics to Coding Errors in Personal Identifiers." *Journal of Business and Economic Statistics* 23, no. 2 (2005): 133–152. `http://www.jstor.org/stable/27638803`.

Holzer, Harry, Julia Lane, and Lars Vilhuber. "Escaping poverty for low-wage workers: The role of employer characteristics and changes." *Industrial and Labor Relations Review* 57, no. 4 (2004). doi:`10.1177/001979390405700405`.

Margolis, David N., Véronique Simonnet, and Lars Vilhuber. "Early Career Experiences and Later Career Outcomes: Comparing the United States, France and Germany." *Vierteljahrshefte zur Wirtschaftsforschung* 70, no. 1 (2001): 31–38. doi:`10.3790/vjh.70.1.31`.

Vilhuber, Lars. "La spécificité de la formation en milieu de travail : un survol des contributions théoriques et empiriques récentes," *L'Actualité économique, Revue d'analyse économique* 77, no. 1 (2001).

———. "Continuous Training and sectoral mobility in Germany: Evidence from the 90s." *Vierteljahresheft für Wirtschaftsforschung* 68, no. 2 (1999): 209–214. `http://hdl.handle.net/10419/141240`.

Proceedings :

Vilhuber, Lars. "Making Confidential Data Part of Reproducible Research." In *Methods to Foster Transparency and Reproducibility of Federal Statistics: Proceedings of a Workshop*, edited by National Academies of Sciences, Engineering, and Medicine, 63–66. National Academies of Sciences, Engineering, and Medicine; Michael Cohen (Rapporteur). Washington, DC: The National Academies Press, 2019. ISBN: 978-0-309-48629-3. doi:`10.17226/25305`.

Pistner, Michelle, Aleksandra Slavković, and Lars Vilhuber. "Synthetic Data via Quantile Regression for Heavy-Tailed and Heteroskedastic Data." In *Privacy in Statistical Databases*, edited by Josep Domingo-Ferrer and Francisco Montes. 2018. doi:`10.1007/978-3-319-99771-1_7`.

Haney, Samuel, Ashwin Machanavajjhala, John M. Abowd, Matthew Graham, Mark Kutzbach, and Lars Vilhuber. "Utility Cost of Formal Privacy for Releasing National Employer-Employee Statistics." In *Proceedings of the 2017 International Conference on Management of Data*, 1339–1354. SIGMOD '17. ACM, 2017. doi:10.1145/3035918.3035940.

Drechsler, Jörg, and Lars Vilhuber. "Synthetic Longitudinal Business Databases for International Comparisons." In *Privacy in Statistical Databases*, edited by Josep Domingo-Ferrer, 8744:243–252. Lecture Notes in Computer Science. Springer International Publishing, 2014. ISBN: 978-3-319-11256-5. doi:10.1007/978-3-319-11257-2_19.

Lagoze, Carl, Lars Vilhuber, Jeremy Williams, Benjamin Perry, and William C. Block. "CED2AR: The Comprehensive Extensible Data Documentation and Access Repository." In *ACM/IEEE Joint Conference on Digital Libraries (JCDL 2014)*. Presented at the ACM/IEEE Joint Conference on Digital Libraries (JCDL 2014). London, United Kingdom: ACM/IEEE, 2014.

Miranda, Javier, and Lars Vilhuber. "Using Partially Synthetic Data to Replace Suppression in the Business Dynamics Statistics: Early Results." In *Privacy in Statistical Databases*, edited by Josep Domingo-Ferrer, 8744:232–242. Lecture Notes in Computer Science. Springer International Publishing, 2014. ISBN: 978-3-319-11256-5. doi:10.1007/978-3-319-11257-2_18.

Lagoze, Carl, William C. Block, Jeremy Williams, and Lars Vilhuber. "Encoding Provenance of Social Science Data: Integrating PROV with DDI." In *5th Annual European DDI User Conference*. 2013.

Lagoze, Carl, Jeremy Willliams, and Lars Vilhuber. "Encoding Provenance Metadata for Social Science Datasets." In *Metadata and Semantics Research*, edited by Emmanouel Garoufallou and Jane Greenberg, 390:123–134. Communications in Computer and Information Science. Springer International Publishing, 2013. ISBN: 978-3-319-03436-2. doi:10.1007/978-3-319-03437-9_13.

Abowd, John M., Lars Vilhuber, and William Block. "A Proposed Solution to the Archiving and Curation of Confidential Scientific Inputs." In Domingo-Ferrer and Tinnirello, *Privacy in Statistical Databases - UNESCO Chair in Data Privacy, International Conference, PSD 2012, Palermo, Italy, September 26-28, 2012. Proceedings*, 7556:216–225.

Dostie, Benoit, Kevin L. McKinney, and Lars Vilhuber. "Using linked employer-employee data to investigate the speed of adjustment in downsizing firms in Canada and the US." In *International Census Research Data Center Conference*. Ithaca, NY, 2009.

Abowd, John, and Lars Vilhuber. "How Protective Are Synthetic Data." In *Privacy in Statistical Database*, edited by Josep Domingo-Ferrer and Yücel Saygın, 5262:239–246. Lecture Notes in Computer Science. Springer Berlin Heidelberg, 2008. doi:10.1007/978-3-540-87471-3_20.

Dragoset, Lisa, and Lars Vilhuber. "How Did Universal Primary Education Affect Returns to Education and Labor Market Participation in Uganda?" In *YOUTH IN AFRICA'S LABOR MARKET*, edited by M Garcia and J Fares, 263–280. 1818 H ST NW, WASHINGTON, DC 20433 USA: WORLD BANK INST, 2008. ISBN: 978-0-8213-6885-5. doi:10.1596/978-0-8213-6884-8_ch11.

McKinney, Kevin L., and Lars Vilhuber. "Using linked employer-employee data to investigate the speed of adjustment in downsizing firms." In *Conference on the Analysis of Firms and Employees (CAFE)*. Nuremberg, Germany, 2006.

Book chapters:

Abowd, John M., Kevin L. McKinney, and Lars Vilhuber. "The link between human capital, mass layoffs, and firm deaths." In Dunne, Jensen, and Roberts, *Producer Dynamics: New Evidence from Micro Data*.

Abowd, John M., Bryce E. Stephens, Lars Vilhuber, Fredrik Andersson, Kevin L. McKinney, Marc Roemer, and Simon D. Woodcock. "The LEHD Infrastructure Files and the Creation of the Quarterly Workforce Indicators." In Dunne, Jensen, and Roberts, *Producer Dynamics: New Evidence from Micro Data*.

Vilhuber, Lars. "Adjusting Imperfect Data: Overview and Case Studies." In *The Structure of Wages: An International Comparison*, edited by Edward P. Lazear and Kathryn L. Shaw, 59–80. University of Chicago Press, 2009. http://www.nber.org/chapters/c2366.

Margolis, David N., Erik Plug, Véronique Simonnet, and LarsVilhuber. "Early Career Experiences and Later Career Outcomes: An InternationalComparison." Chap. 5 in Sofer, *Human Capital Over The Life Cycle - A European Perspective*, 90–117.

Fellowships and Grants:

Appointments and other activities :

Editorial activities

1. Managing Editor of the Journal of Privacy and Confidentiality, 2017-
   (http://www.journalprivacyconfidentiality.org)

2. Associate Editor of the Harvard Data Science Review, 2019-
   (https://review.datascience.harvard.edu/)

3. Data Editor for the American Economic Association, 2018-
   (https://aeaweb.org)

4. LEHD Technical Papers, 2000-2007
   (https://ideas.repec.org/s/cen/tpaper.html)

Committees and Panels

Current:

- Contribution 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)

- Member of the Board of Directors of the Canadian Research Data Centre Network/ Réseau canadien des Centres de données de recherche, 2019- (https://crdcn.org/)

- American Statistical Association, Committee on Privacy and Confidentiality, member 2016- (http://community.amstat.org/cpc/home)

- Comité scientifique du Centre d'accès sécurisé aux données (CASD), member 2012-2014, chair 2014- (https://casd.eu/) [Scientific advisory board of the Center for secure data access, France].

- 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, 2014-.

Completed:

- Social Sciences and Humanities Research Council of Canada (SSHRC), Adjudication Committee for Partnership Grants, member 2018-2019.

- Contribution to the following activities at the Committee on National Statistics (CNSTAT) of the National Academies of Science, Engineering, and Medicine:

  - "Workshop on Transparency and Reproducibility in Federal Statistics" (DBASSE-CNSTAT-16-02, presentation in June 2017, workshop report see Lars Vilhuber, "Making Confidential Data Part of Reproducible Research," in *Methods to Foster Transparency and Reproducibility of Federal Statistics: Proceedings of a Workshop*, ed. National Academies of Sciences, Engineering, and Medicine, National Academies of Sciences, Engineering, and Medicine; Michael Cohen (Rapporteur) (Washington, DC: The National Academies Press, 2019), 63–66, ISBN: 978-0-309-48629-3, doi:10.17226/25305, https://www.nap.edu/catalog/25305/methods-to-foster-transparency-and-reproducibility-of-federal-statistics-proceedings)

  - "Committee on Reproducibility and Replicability in Science" ()DBASSE-BBCSS-17-03, white paper prepared July 2018, final report pending 2019)

- National Science Foundation, Methodology, Measurement, and Statistics (MMS) Advisory Panel, member 2016-2018.

- International Data Service Centre, IZA Institute of Labor Economics, Advisory Board, member 2016.

Education :
Dissertation (1998):

Title :	"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)
1998-1999	York University (Canada): Post-doctoral fellow
1993-1998	Université de Montréal (Canada): Ph.D. in Economics.
1992-1993	Université de Montréal (Canada): M.Sc. in Economics, 1993
1991-1992	Universität Bonn (Germany): Graduate studies and Undergraduate studies in Economics, partial exams towards Diplom.
1990-1991	FernUniversität Hagen (Germany): Undergraduate studies in Economics towards Vordiplom.

Languages :
German, English, French, Portuguese, Spanish.