

## NSF BIOGRAPHICAL SKETCH

NAME: Vilhuber, Lars

ORCID: 0000-0001-5733-8932

POSITION TITLE & INSTITUTION: Executive Director, Labor Dynamics Institute

### (a) PROFESSIONAL PREPARATION

INSTITUTION	LOCATION	MAJOR / AREA OF STUDY	DEGREE (if applicable)	YEAR YYYY
Université de Montréal	Montreal, QC	Economics	Ph.D.	1998
Université de Montréal	Montreal, QC	Economics	M.Sc.	1993
Rheinische Friedrich Wilhelms Universität Bonn	Bonn, Nordrhein-Westfalen	Economics	Partial Diplom	1992

### (b) APPOINTMENTS

2011 - present Executive Director, Labor Dynamics Institute, Cornell University

2019 - present Economist (Schedule A), Research and Methodology, US Census Bureau

2018 - present Data Editor, American Economic Association

2007 - present Vice-President, ACES-Research, LLC

2006 - present Senior Research Associate, Cornell University, Economics, Ithaca, NY

2015 - 2019 Economist (IPA), Center for Economic Studies, US Census Bureau, Washington, DC

1999 - 2015 Economist (various), LEHD, US Census Bureau

### (c) PRODUCTS

#### Products Most Closely Related to the Proposed Project

1. Machanavajjhala A, Kifer D, Abowd J, Gehrke J, Vilhuber L. Privacy: Theory meets Practice on the Map. 2008 IEEE 24th International Conference on Data Engineering. 2008 IEEE 24th International Conference on Data Engineering (ICDE 2008); ; Cancun, Mexico. IEEE; c2008. Available from: <http://ieeexplore.ieee.org/document/4497436/> DOI: 10.1109/ICDE.2008.4497436
2. Dunne T, Jensen J, Roberts M, Abowd J, McKinney K, Vilhuber L. Producer Dynamics. University of Chicago Press; 2009. The Link between Human Capital, Mass Layoffs, and Firm Deaths. 447-472p. Available from: <http://chicago.universitypressscholarship.com/view/10.7208/chicago/9780226172576.001.0001/upsc-9780226172569-chapter-13> DOI: 10.7208/chicago/9780226172576.003.0013
3. Abowd J, Vilhuber L. Did the Housing Price Bubble Clobber Local Labor Market Job and Worker Flows When It Burst?. American Economic Review. 2012 May; 102(3):589-593. Available from: <http://pubs.aeaweb.org/doi/10.1257/aer.102.3.589> DOI: 10.1257/aer.102.3.589
4. Abowd JM, Vilhuber L. National Estimates of Gross Employment and Job Flows from the Quarterly Workforce Indicators with Demographic and Industry Detail. J Econom. 2011 Mar 1;161(1):82-99. PubMed PMID: [21516213](#); PubMed Central PMCID: [PMC3079891](#).
5. Cloutier J, Vilhuber L. Procedural justice criteria in salary determination. Journal of Managerial Psychology. 2008 August 15; 23(6):713-740. Available from:

<https://www.emerald.com/insight/content/doi/10.1108/02683940810894765/full/html> DOI: 10.1108/02683940810894765

### **Other Significant Products, Whether or Not Related to the Proposed Project**

1. Miranda J, Vilhuber L. Lecture Notes in Computer Science. Cham: Springer International Publishing; 2014. Chapter Chapter 18, Using Partially Synthetic Data to Replace Suppression in the Business Dynamics Statistics: Early Results. 232-242p. Available from: [http://link.springer.com/10.1007/978-3-319-11257-2\\_18](http://link.springer.com/10.1007/978-3-319-11257-2_18) DOI: 10.1007/978-3-319-11257-2\_18
2. Lagoze C, Vilhuber L, Williams J, Perry B, Block W. CED2AR: The Comprehensive Extensible Data Documentation and Access Repository. IEEE/ACM Joint Conference on Digital Libraries. 2014 IEEE/ACM Joint Conference on Digital Libraries (JCDL); ; London, United Kingdom. IEEE; c2014. Available from: <http://ieeexplore.ieee.org/document/6970178/> DOI: 10.1109/JCDL.2014.6970178
3. Drechsler J, Vilhuber L. Lecture Notes in Computer Science. Cham: Springer International Publishing; 2014. Chapter Chapter 19, Synthetic Longitudinal Business Databases for International Comparisons. 243-252p. Available from: [http://link.springer.com/10.1007/978-3-319-11257-2\\_19](http://link.springer.com/10.1007/978-3-319-11257-2_19) DOI: 10.1007/978-3-319-11257-2\_19
4. Lagoze C, Block W, Williams J, Abowd J, Vilhuber L. Data Management of Confidential Data. International Journal of Digital Curation. 2013 June 14; 8(1):265-278. Available from: <http://www.ijdc.net/article/view/8.1.265> DOI: 10.2218/ijdc.v8i1.259
5. Abowd J, Vilhuber L, Block W. Lecture Notes in Computer Science. Hutchison D, Kanade T, Kittler J, Kleinberg J, Mattern F, Mitchell J, Naor M, Nierstrasz O, Pandu Rangan C, Steffen B, Sudan M, Terzopoulos D, Tygar D, Vardi M, Weikum G, editors. Berlin, Heidelberg: Springer Berlin Heidelberg; 2012. Chapter Chapter 17, A Proposed Solution to the Archiving and Curation of Confidential Scientific Inputs. 216-225p. Available from: [http://link.springer.com/10.1007/978-3-642-33627-0\\_17](http://link.springer.com/10.1007/978-3-642-33627-0_17) DOI: 10.1007/978-3-642-33627-0\_17

### **(d) SYNERGISTIC ACTIVITIES**

1. Managing Co-Editor of Journal of Privacy and Confidentiality and Data Editor, American Economic Association: active development and implementation of transparent publication mechanisms for data and research articles
2. Analysis and development of confidentiality protection mechanisms in a variety of datasets and systems (QWI, LODES/OnTheMap, BDS/SynLBD, SIPP Synthetic Beta). Results presented at several conferences, including Abowd et al. (2012), and/or made available through Synthetic Data Server at the VirtualRDC (Abowd and Vilhuber (2004)).
3. Chair of Scientific Advisory Committee, Centre d'accès sécurisé aux données (CASD)/ Center for Secure Data Access, of a consortium of French universities and statistical agencies; member of Scientific Advisory Committee of the Quebec Inter-University Centre for Social Statistics (QICSS), which manages access to Canadian federal and Quebec provincial confidential data through a network of research data centers; incoming external member of the Board of the Canadian Research Data Centre Network (CRDCN)

