Ian M. Schmutte

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Employment

Principal Economist, Amazon, March 2023–present

Associate Professor, Department of Economics, University of Georgia, August 2017–present (on leave).

Economist, U.S. Census Bureau (Excepted Service Appointment), August 2018–March 2023.

Review Board Chair, Atlanta Research Data Center, January 2021–March 2023.

Visiting Assoc. Professor, Dept. of Economics, Univ. of California, Berkeley, August 2017–July 2018.

Assistant Professor, Department of Economics, University of Georgia, August 2010–July 2017.

Other Affiliations

Research Fellow, Institute of Labor Economics (IZA), 2022–present.

Fellow, Global Labor Organization, 2019–present.

Affiliate, Institute for Cybersecurity and Privacy Research, University of Georgia, 2021–present.

Education

Ph.D. Economics, Cornell University, 2010.

M.Phil. Economics, University of Sydney, 2004.

M.A. Economics, University of Missouri, St. Louis, 2003.

B.A. Mathematics and Philosophy, Indiana University, 1997.

Research

Selected Peer-Reviewed Publications

Schmutte, Ian M. and Meghan Skira "The Response of Firms to Maternity Leave and Sickness Absence," 2023. (accepted, *Journal of Human Resources*)

Petrova, Elizaveta, Sarah Reynolds and **Ian M. Schmutte** "Does the Gender Wage Gap Influence Intimate Partner Violence in Brazil? Evidence from Administrative Health Data," Policy Research Working Paper, No. 9656, World Bank, 2023. (accepted *Journal of Human Resources*)

Lavetti, Kurt and **Ian M. Schmutte** (2023) "Gender Differences in Sorting on Wages and Risk," *Journal of Econometrics*, vol. 233(2), pp. 507–523.

Cornwell, Christopher, **Ian M. Schmutte** and Daniela Scur (2021) "Building a Productive Workforce: The Role of Structured Management Practices," *Management Science*, vol. 67(12), pp. 7308–7321.

Abowd, John M. and **Ian M. Schmutte** (2019) "An Economic Analysis of Privacy Protection and Statistical Accuracy as Social Choices," *American Economic Review*, vol. 109, pp. 171–202.

Abowd, John M., Kevin McKinney, and **Ian M. Schmutte** (2019) "Modeling Endogenous Mobility in Earnings Determination," *Journal of Business and Economic Statistics*, vol. 37(3), pp. 405-418.

Abowd, John M., Francis Kramarz, Sébastian Pérez-Duarte, and **Ian M. Schmutte** (2018) "Sorting Between and Within Industries: A Testable Model of Assortative Matching," *Annals of Economics and Statistics*, no. 129, pp. 1–32.

Cornwell, Christopher, Jason Rivera, and **Ian M. Schmutte** (2017) "Wage Discrimination when Identity is Subjective: Evidence from Changes in Employer-Reported Race," *Journal of Human Resources*, vol. 52(3), pp. 719–755.

Schmutte, Ian M. (2016) "Labor Markets With Endogenous Job Referral Networks: Theory and Empirical Evidence," *Labour Economics*, vol. 42, pp. 30–42.

Gittings, R. Kaj and **Ian M. Schmutte** (2016) "Getting Handcuffs on an Octopus: Minimum Wages, Employment, and Turnover," *Industrial and Labor Relations Review*, vol. 69, no. 5, pp. 1133–1170.

Schmutte, Ian M. (2016) "Differentially Private Release of Data on Wages and Job Mobility," *Statistical Journal of the IAOS*, vol. 32, no. 1, pp. 81–92.

Schmutte, Ian M. (2015) "Job Referral Networks and the Determination of Earnings in Local Labor Markets," *Journal of Labor Economics* vol. 33, no. 1, pp. 1–32.

Schmutte, Ian M. (2014) "Free to Move? A Network Approach to the Analysis of Job Mobility," *Labour Economics* Vol.29 (August) pp. 49–61.

Other Publications in Labor Economics

Schmutte, Ian M. (2022) "The Value of Job Matches," forthcoming in *Preserving Links in the Pandemic: International Policies to Maintain Worker-Firm Attachments During Covid-19*, Michael R. Strain and Stan A. Veuger (eds), AEI Press.

Gupta, Montenovo, Nguyen, Rojas, **Schmutte**, Simon, Weinberg, and Wing (2022) "Effects of Social Distancing Policy on Labor Market Outcomes," *Contemporary Economic Policy*, 43(1), pp. 166–193.

Montenovo, Jiang, Rojas, **Schmutte**, Simon, Weinberg and Wing (2022) "Determinants of Disparities in COVID-19 Job Losses," *Demography*, vol. 59(3), pp. 827–855.

Lastrapes, William D., **Ian M. Schmutte**, and Thor Watson (2022) "Home Equity Lending, Credit Constraints and Small Business in the United States," *Economic Inquiry*, vol. 60, pp. 43–63.

Schmutte, Ian M. (2016) "How Do Social Networks Affect Labor Markets," *IZA World of Labor*, 304.

Other Publications in Data Privacy

Abowd, John M., **Ian M. Schmutte**, Lars Vilhuber, and William Sexton (2020) "Why the Economics Profession Must Actively Participate in the Privacy Protection Debate," *American Economic Association Papers and Proceedings*, vol. 109. pp. 397–402.

Abowd, John M. and **Ian M. Schmutte** (2015) "Economic Analysis and Statistical Disclosure Limitation," *Brookings Papers on Economic Activity* vol.50, no. 1, pp. 221–267.

Abowd, John M., **Ian M. Schmutte** and Lars Vilhuber (2021). "Disclosure Limitation and Confidentiality Protection in Linked Data," in *Administrative Records for Survey Methodology* (eds A.Y. Chun, M.D. Larsen, G. Durrant and J.P. Reiter).

Schmutte, Ian M. and Lars Vilhuber (2020) "Balancing Privacy and Data Usability: An Overview of Disclosure Avoidance Methods," in: Cole, Dhaliwal, Sautmann, and Vilhuber (eds), *Handbook on Using Administrative Data for Research and Evidence-based Policy*.

Working Papers

Schmutte, Ian M. and Nathan Yoder "Information Design for Differential Privacy," April 2022.

Miller, Conrad and **Ian M. Schmutte** "The Dynamics of Co-racial Hiring," (revise and resubmit, *Journal of Labor Economics*).

Bennedsen, Morten, Birthe Larsen, **Ian M. Schmutte** and Daniela Scur "The Value of Preserving Job Matches During a Crisis," (revise and resubmit, *Labour Economics*).

Cheng, Carlin, Carroll, Gupta, Rojas, Montenovo, Nguyen, **Schmutte**, Scrivner, Simon, Wing, and Weinberg, "Back to Business and (Re)employing Workers? Labor Market Activity During State COVID-19 Reopenings" NBER Working Paper No. 27419, June 2020. (revisions requested)

Lavetti, Kurt and **Ian M. Schmutte**. "Estimating Compensating Wage Differentials with Endogenous Job Mobility."

Miscellaneous

Schmutte, Ian M. and Lars Vilhuber (2022) "An Interview with John M. Abowd," *International Statistical Review*, vol.90, issue 1, pp. 1–40.

Lastrapes, William D., **Ian M. Schmutte**, and Thor Watson, "A Comparison of Firm Age in the Survey of Business Owners and the Longitudinal Business Database," CES Technical Notes Series 20-08, Center for Economic Studies, U.S. Census Bureau.

Abowd, John M. et al. "The Modernization of Statistical Disclosure Limitation at the U.S. Census Bureau," (link), 2020.

Abowd, John M., **Ian M. Schmutte**, William Sexton, and Lars Vilhuber, "Introductory Readings in Formal Privacy for Economists," (link), 2019.

Vilhuber, Lars and **Ian M. Schmutte**, "Proceedings from the 2017 Cornell-Census-NSF-Sloan Workshop on Practical Privacy," Labor Dynamics Institute, Cornell University, Document 43, 2017.

Vilhuber, Lars, Saki Kinney, and **Ian M. Schmutte**, "Proceedings from the Synthetic LBD International Seminar," Labor Dynamics Institute, Cornell University, Document 44, 2017.

Vilhuber, Lars and **Ian M. Schmutte**, "Proceedings from the 2016 NSF-Sloan Workshop on Practical Privacy," Labor Dynamics Institute, Cornell University, Document 33, 2017.

Awards and Grants

Alfred P. Sloan Foundation Grant G–2022–17194, $368,892, "Conducting Applied Research with Privacy-Protected Data: Exploring Methods and Approaches" co-PI, with Robin Gong and V. Joseph Hotz (PI).

Terry College Business, Systems, and Technology Innovation Initiative Seed Grant, $15,000, "Strategic Wage Concealment and Labor Market Power" PI, with Len Goff and Matt Knepper.

Institute for Leadership Advancement Research Scholar, November 2021–2023.

Alfred P. Sloan Foundation Grant G–2019–12486, $20,000, "Conference: Models of Linked Employer-Employee Data" co-PI, with David Card and Lars Vilhuber (PI).

Kamerschen-Hampton Award "for outstanding research in economics," Department of Economics, UGA, 2019.

Labour Economics Excellence in Reviewing Certificate, "given to the top 10 reviewers in 2018".

NCRN-MN: Cornell Census-NSF Research Node: Integrated Research (Subaward 64184-10689), 2016

Swift Award "for outstanding undergraduate tenure-track teaching in economics," Department of Economics, UGA, 2016

Alfred P. Sloan Foundation Grant G–2015–13903 (PI), $535,970, 2015–2018, "The Economics of Socially-Efficient Privacy and Confidentiality Management for Statistical Agencies" co-PI, with John M. Abowd and Lars Vilhuber (PI).

Summer at Census Scholar, June 8–12, 2015.

Fulbright Postgraduate Scholarship to Australia, 2003–2004.

Professional Activities and Service

Professional Service

Guest Editor, *Harvard Data Science Review*, 2023–present

Program Committee, Society of Labor Economists Annual Meeting, 2021—2022.

Editorial Board, *Journal of Privacy and Confidentiality*, 2020—present

Editorial Board, *Data in Brief*, 2019—2021

Guest Editor, *Journal of Econometrics* special issue on "Models of Linked Employer-Employee Data", 2020–2022

Referee Service

American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, American Economic Review, American Political Science Review, Contemporary Economic Policy, Economics, Economics Bulletin, Economic Development and Cultural Change, Economics of Education Review, Economic Inquiry, Economic Journal, Economics Letters, Empirical Economics, European Economic Review, Industrial and Labor Relations Review, International Economic Review, IZA Journal of Labor Economics, Journal of Applied Econometrics, Journal of Economic Behavior and Organization, Journal of Economics and Management Strategy, Journal of Health Economics, Journal of Human Resources, Journal of Industrial Economics, Journal of Labor Economics, Journal of Labor Research, Journal of Macroeconomics, Journal of Policy Analysis and Management, Journal of Political Economy, Journal of Population Economics, Journal of Privacy and Confidentiality, Journal of Public Economics, Journal of the Royal Statistical Society, Journal of Urban Economics, Labour Economics, Management Science, Manchester School, National Science Foundation, Proceedings of the National Academy of Science, Regional Science and Urban Economics, Review of Economics and Statistics, Review of Economic Studies, Scandinavian Journal of Economics, Science Advances. Scottish Journal of Political Economy, Social Sciences and Humanities Research Council of Canada, Southern Economic Journal, Quarterly Journal of Economics

University Service

Undergraduate Programs Committee, 2018–2020.

Board Member, Atlanta Census Research Data Center, 2011–present.

Departmental Recruiting Committee, 2011–2012; 2016–2017; 2017–2018; 2019–2020.

Recent Invited Presentations

Carnegie Mellon University & University of Pittsburgh, September 27, 2022.

Boston University, September 21, 2021.

IDEA Handbook Webinar Series, November 2, 2020.

NBER Summer Institute Methods Lecture: "Differential Privacy for Economists," July 17, 2020.

Monash University, December 9, 2019.

Purdue University, November 5, 2019.

University of Montreal, October 6, 2019.

Auburn University, September 19, 2019.

"Data Privacy: From Foundations to Applications," Simons Institute, UC Berkeley, March 4–8, 2019.

University of California, Irvine, November 14, 2017.

CSU–East Bay, October 31, 2017.

University of Kentucky, April 3, 2017.

University of Maryland, College Park, March 16, 2017.

Teaching

University of Georgia, Introduction to Data Science for Business and Economics (Undergraduate)

University of Georgia, Economics of Networks (Undergraduate)

University of Georgia, Labor Economics (Undergraduate)

University of Georgia, Labor Economics I (Graduate)