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Guillaume Vandenbroucke

Senior Economic Policy Advisor

Joined the Bank June 2014

Education

2004 Ph.D. Economics, University of Rochester
2001 M.A. Economics, University of Rochester
1998 B.A. Economics, University of Rouen, France

Areas of Interest Macroeconomics: Human Capital & Growth, Demography, War

Previous Experience

2022-Present Senior Economic Policy Advisor, Federal Reserve Bank of St. Louis
2016-2021 Research Officer, Federal Reserve Bank of St. Louis
2014-2016 Senior Economist, Federal Reserve Bank of St. Louis
2011-2014 Assistant Professor, University of Southern California
2008-2011 Assistant Professor, University of Iowa
2007-2008 Visiting Assistant Professor, University of Pennsylvania
2004-2008 Assistant Professor, University of Southern California

Journal Publications

Vandenbroucke, Guillaume. "On the Economic Mechanics of Warfare." *International Economic Review*, forthcoming.

Hejkal, John, B. Ravikumar, and Guillaume Vandenbroucke. "Technology Adoption, Mortality, and Population Dynamics." *Economic Journal*, forthcoming

Vandenbroucke, Guillaume. "The Mechanics of Individually-and Socially-Optimal Decisions during an Epidemic." *The BE Journal of Macroeconomics* 22, no. 1 (2022): 131-158.

- Auray, Stéphane, David L. Fuller, and Guillaume Vandenberg. "Comparative advantage and moonlighting." *European Economic Review* 139 (2021): 103897.
- Vandenberg, Guillaume. "The baby boomers and the productivity slowdown." *European Economic Review* 132 (2021): 103609.
- Knowles, John, and Guillaume Vandenberg. "Fertility Shocks and Equilibrium Marriage-Rate Dynamics." *International Economic Review* 60, no. 4 (2019): 1505-1537.
- Kong, Y.C., B. Ravikumar, and Guillaume Vandenberg. "Explaining Differences in Life Cycle Earnings across Cohorts." *European Economic Review* 107 (2018): 157-184.
- Greenwood, Jeremy, Nezih Guner, and Guillaume Vandenberg. "Family economics writ large." *Journal of Economic Literature* 55, no. 4 (2017): 1346-1434.
- Greenwood, Jeremy, Ananth Seshadri, and Guillaume Vandenberg. "Measurement without theory once again." *Journal of Demographic Economics* 81, no. 3 (2015): 317-329.
- Restuccia, Diego, and Guillaume Vandenberg. "Explaining educational attainment across countries and over time." *Review of Economic Dynamics* 17, no. 4 (2014): 824-841.
- Vandenberg, Guillaume. "Fertility and wars: The case of World War I in France." *American Economic Journal: Macroeconomics* 6, no. 2 (2014): 108-136.
- Greenwood, Jeremy, Nezih Guner, and Guillaume Vandenberg. "Family economics writ large." *Journal of Economic Literature* 55, no. 4 (2017): 1346-1434.
- Restuccia, Diego, and Guillaume Vandenberg. "The evolution of education: A macroeconomic analysis." *International Economic Review* 54, no. 3 (2013): 915-936.
- Restuccia, Diego, and Guillaume Vandenberg. "A century of human capital and hours." *Economic Inquiry* 51, no. 3 (2013): 1849-1866.
- Dekle, Robert, and Guillaume Vandenberg. "A quantitative analysis of China's structural transformation." *Journal of Economic Dynamics and Control* 36, no. 1 (2012): 119-135.
- Dekle, Robert, and Guillaume Vandenberg. "Whither Chinese growth? A sectoral growth accounting approach." *Review of Development Economics* 14, no. 3 (2010): 487-498.
- Vandenberg, Guillaume. "Trends in Hours: The US from 1900 to 1950." *Journal of Economic Dynamics and Control* 33, no. 1 (2009): 237-249.
- Vandenberg, Guillaume. "The American frontier: Technology versus immigration." *Review of economic dynamics* 11, no. 2 (2008): 283-301.
- Vandenberg, Guillaume. "The US westward expansion." *International economic review* 49, no. 1 (2008): 81-110.
- Greenwood, Jeremy, and Guillaume Vandenberg. "Hours worked (long-run trends)." *The New Palgrave Dictionary of Economics*, London: MacMillan, 2008
- Greenwood, Jeremy, Ananth Seshadri, and Guillaume Vandenberg. "The baby boom and baby bust." *American Economic Review* 95, no. 1 (2005): 183-207.

Working Papers

B. Ravikumar, and Guillaume Vandebroucke. "On the Transition to Modern Growth."

Vandebroucke, Guillaume. "Battles and Diseases in the U.S. Civil War."

Articles in Federal Reserve Bank of St. Louis Publications

Vandebroucke, Guillaume. "The Association Between Poverty and Mortality." *Economic Synopses*, 2021, no. 26.

B. Ravikumar, and Guillaume Vandebroucke. "Personal Saving During the COVID-19 Recession." *Economic Synopses*, 2021, no. 2.

B. Ravikumar, and Guillaume Vandebroucke. "Geographic Dispersion in COVID-19 Death Rates across the United States." *Economic Synopses*, 2020, no. 36.

B. Ravikumar, and Guillaume Vandebroucke. "COVID-19 Cases and Deaths: Comparing the 8th Federal Reserve District and the U.S." *Economic Synopses*, 2020, no. 28.

Peake, Makenzie, B. Ravikumar, and Guillaume Vandebroucke. "The Lost Weeks of COVID-19 Testing in the United States: Part II." *Economic Synopses*, 2020, no. 25.

Peake, Makenzie, B. Ravikumar, and Guillaume Vandebroucke. "The Lost Weeks of COVID-19 Testing in the United States: Part I." *Economic Synopses*, 2020, no. 24.

Auray, Stéphane, David L. Fuller, and Guillaume Vandebroucke. "Multiple Jobholders." *Economic Synopses*, 2018, no. 32.

Vandebroucke, Guillaume. "Married Men Sit Atop the Wage Ladder." *Economic Synopses*, 2018, no. 24.

Zhu, Heting, and Guillaume Vandebroucke. "Evolution of the Teen Abortion Rate in the United States." *Economic Synopses*, 2018, no. 8.

Vandebroucke, Guillaume. "Comparing Japan's Lost Decade with the U.S. Great Recession." *Economic Synopses*, 2018, no. 3.

Zhu, Heting, and Guillaume Vandebroucke. "Measures of Pollution." *Economic Synopses*, 2017, no. 9.

Zhu, Heting, and Guillaume Vandebroucke. "Aging and Wealth Inequality." *Economic Synopses*, 2017, no. 2.

Vandebroucke, Guillaume. "Russia's Demographic Problems Started Before the Collapse of the Soviet Union." *Economic Synopses*, 2016, no. 4.

Peake, Makenzie, and Guillaume Vandebroucke. "Poor Countries Catching Rich Countries in Education, but Not Income." *The Regional Economist*, 28, no. 2 (2020).

Peake, Makenzie, and Guillaume Vandebroucke. "Workers' Diversity and Wage Growth Since 1940." *Federal Reserve Bank of St. Louis Review*, First Quarter 2020.

Vandebroucke, Guillaume. "Observing the Earnings Gap through Marital Status, Race and Gender." *The Regional Economist*, 27, no. 2 (2019).

Vandebroucke, Guillaume. "The Role of Age in Determining Stock-Bond Investment Mix." *The Regional Economist*, 26, no. 4 (2018).

Zhu, Heting and Guillaume Vandenbroucke. "Unequal Pink Slips? Gender and the Risk of Unemployment." *The Regional Economist*, 26, no. 2 (2018).

B. Ravikumar, and Guillaume Vandenbroucke. "Why Are Life-Cycle Earnings Profiles Getting Flatter?" *Federal Reserve Bank of St. Louis Review*, Third Quarter 2017.

Vandenbroucke, Guillaume. "Boomers Have Played a Role in Productivity Changes." *The Regional Economist*, 25, no. 4 (2017).

Zhu, Heting and Guillaume Vandenbroucke. "Mixing the Melting Pot: The Impact of Immigration on Labor Markets." *The Regional Economist*, 25, no. 1 (2017).

Vandenbroucke, Guillaume. "Aging and Wealth Inequality in a Neoclassical Growth Model." *Federal Reserve Bank of St. Louis Review*, First Quarter 2016.

Vandenbroucke, Guillaume. "Rising Productivity, Declining Population Impact Russia's Economy." *The Regional Economist*, 24, no. 1 (2016).

Vandenbroucke, Guillaume. "Lifetime Benefits of an Education Have Never Been So High." *The Regional Economist*, 23, no. 3 (2015).

Vandenbroucke, Guillaume. "Living Arrangements Matter Not Just to Your Parents but Also to Policymakers." *The Regional Economist*, 23, no. 2 (2015).

Other

- Organizer, St. Louis Fed annual Human Capital Conference, 2019 - present
- Associate editor, *Journal of Economic Dynamics and Control*, 2013-present
- Co-editor, *Journal of Economic Dynamics and Control* -- Covid-19 Economics (2020)
- Referee for
 - International Economic Review*, *Journal of Political Economy*, *American Economic Review*, *Quarterly Journal of Economics*, *Review of Economic Studies*, *American Economic Journals: Macroeconomics*, *Journal of Monetary Economics*, *Journal of Economic Growth*, *Review of Economic Dynamics*, *Economics Bulletin*, *The Berkeley Electronic Journals in Macroeconomics*, *Explorations in Economic History*, *Journal of International Economics*, *Economic Inquiry*, *Scandinavian Journal of Economics*, *Journal of Socio-Economics*, *Canadian Journal of Economics*, *Journal of Economic Dynamics and Control*, *Journal of Labor Economics*, *Journal of Human Capital*, *Review of Economics and Statistics*, *Journal of the European Economic Association*, *Journal of Population Economics*, *Journal of Macroeconomics*, *Review of Economics of the Household*, *European Economic Review*, *Quantitative Economics*, *Kyklos*.
- Recent presentations in conferences and seminars
 - Society for Economic Dynamics Meetings (2022, 2023, 2024)
 - 23rd Journées Louis-André Gérard-Varet (2024)
 - Midwest Macro Meetings (2022, 2024)
 - Macroeconomics Across Time and Space Conference (2022, 2023)

UQAM (2024), University of Montreal (2023)

- Awards

Best Paper Award for “Technology adoption, mortality, and population dynamics.” 39th EBES Conference

2022 President’s Award, Policy Communications in the Pandemic Adjustment Period. St. Louis Fed, 2020

President’s Award, Informing the Public about COVID’s Economic Effects. St. Louis Fed, 2020

Professional Excellence in the Training of Economists University of Iowa, 2011