

RICHARD W. EVANS  
<https://sites.google.com/site/rickecon/>

---

Baker Institute for Public Policy at Rice University  
6100 Main Street, Baker Hall MS-40  
Houston, TX 77005

e-mail: [rwevans@rice.edu](mailto:rwevans@rice.edu)  
office: (713) 348-2675  
Twitter: [@RickEcon](https://twitter.com/RickEcon)

---

CITIZENSHIP: USA

#### EDUCATION

The University of Texas at Austin	Ph.D.	Economics	2008
The University of Texas at Austin	M.S.	Economics	2005
Brigham Young University	M.A.	Public Policy	2003
Brigham Young University	B.A.	Economics	1998

#### FIELDS OF SPECIALIZATION

Macroeconomics, public economics, computational economics, international macroeconomics

#### PROFESSIONAL EXPERIENCE

Advisory Board Visiting Fellow, [Baker Institute for Public Policy](#), Rice University, (May 2020 – present)

Director, [Open Source Economics Laboratory \(OSE Lab\)](#) (January 2017 – present)

Nonresident Fellow, [Tax Policy Center](#), Urban Institute (December 2019 – present)

Steering Committee Member, [QuantEcon](#) (January 2018 – present)

President, [Open Research Group, Inc. \(OpenRG\)](#) (July 2016 – present)

Senior Editor, [Center for Growth and Opportunity](#), Utah State University (February 2020 – present)

Associate Director, [M.A. Program in Computational Social Science](#), University of Chicago, Division of the Social Sciences (July 2019 – June 2020)

Senior Lecturer, [M.A. Program in Computational Social Science](#), University of Chicago, Division of the Social Sciences (July 2016 – June 2020)

Fellow, [Becker Friedman Institute](#), University of Chicago (July 2016 – June 2019)

Economist, [Open Source Policy Center](#), American Enterprise Institute (June 2014 – June 2018)

Assistant Professor, Department of Economics, Brigham Young University (July 2008 – August 2016)

Co-Director and Co-Founder, [BYU Macroeconomics and Computational Laboratory](#) (January 2012 – August 2016)

Member, Utah Economic Council, Salt Lake City Chamber of Commerce (June 2010 – June 2016)

Board of Directors, [Economic Club of Utah](#), a chapter of the National Association for Business Economics (January 2014 – June 2016)

Dissertation Intern, Research Department, Federal Reserve Bank of Dallas (June 2007 – August 2007)

Graduate Research Assistant, [Center for Population Economics](#), University of Chicago Gradu-

ate School of Business (May 2003 – May 2004)  
 Staff Assistant, Joint Economic Committee of U.S. Congress (May 2002 – August 2002)  
 Research Economist, Thredgold Economic Associates, Salt Lake City, Utah (March 1999 – August 2001)  
 Assistant Editor, *Encyclia*, the journal of the Utah Academy of Sciences, Arts, and Letters.  
 Was Assistant Editor on the publication of volumes 73 and 74 (January 1998 – March 1999)

#### PUBLISHED PAPERS AT PEER-REVIEWED JOURNALS

- “[Macroeconomic Effects of Reducing OASI to Payable Benefits: A Comparison of Seven Overlapping Generations Models](#),” joint with Jaeger Nelson, Kerk Phillips, Seth Benzell, Efraim Berkovich, Robert Carroll, Guillermo Cuevas, Jason DeBacker, John Diamond, Jagadeesh Gokhale, Laurence Kotlikoff, James Mackie, Rachel Moore, Brandon Pecoraro, Brandon Pizzola, Victor Ye, and George Zodrow, *National Tax Journal*, 72:4, pp. 671-692 (Dec. 2019).
- “[Integrating Microsimulation Models of Tax Policy into a DGE Macroeconomic Model](#),” joint with Jason DeBacker and Kerk L. Phillips, *Public Finance Review*, 47:2, pp. 207-275 (March 2019).
- “[The Natural Limits of Wealth Inequality and the Effectiveness of Tax Policy](#),” joint with Scott Condie and Kerk L. Phillips, *Public Finance Review*, 47:1, pp. 32-57 (January 2019).
- “[Advantages of an Ellipse when Modeling Leisure Utility](#),” joint with Kerk L. Phillips, *Computational Economics*, 51:3, pp. 513-533 (March 2018).
- “[Determinants of Short-term Lender Location and Interest Rates](#),” joint with Taylor J. Canann, *Journal of Financial Services Research*, 48:3, pp. 235-262 (December 2015).
- “[OLG Life Cycle Model Transition Paths: Alternate Model Forecast Method](#),” joint with Kerk L. Phillips, *Computational Economics*, 43:1, pp. 105-131 (January 2014).
- “[Is Openness Inflationary? Policy Commitment and Imperfect Competition](#).” *Journal of Macroeconomics*, 34:4, pp. 1095-1110 (December 2012).
- “[The Fertility Effect of Catastrophe: U.S. Hurricane Births](#).” joint with Yingyao Hu and Zhong Zhao, *Journal of Population Economics*, 23:1, pp. 1-36 (January 2010).

#### BOOKS AND BOOK CHAPTERS

- Overlapping Generations Models for Policy Analysis: Theory and Computation*, with Jason DeBacker, unpublished (May 2020). [[table of contents](#), [chapter 2](#), [chapter 3](#), [chapter 4](#), and [chapter 8](#)]
- “[Big Data Techniques as a Solution to Theory Problems](#),” joint with Kenneth L. Judd and Kramer Quist, in *Conquering Big Data with High Performance Computing*, eds. Ritu Arora, Springer (2016). [[view on Amazon](#)]
- “[Game Over: Simulating Unsustainable Fiscal Policy](#).” joint with Laurence J. Kotlikoff and Kerk L. Phillips, *Fiscal Policy After the Financial Crisis*, eds. Alberto Alesina and Francesco Giavazzi, National Bureau of Economic Research, University of Chicago Press (2013). [[Click here](#) for full NBER Working Paper version.]
- Dissertation, *Three Essays on Openness, International Pricing, and Optimal Monetary Policy*, Advisor: Russel Cooper, The University of Texas at Austin (May 2008).

## OTHER PUBLICATIONS

- “[An Analysis of Joe Biden’s Tax Proposals](#),” joint with Kyle Pomerleau and Jason DeBacker, AEI Report, American Enterprise Institute (June 15, 2020).
- “[EDGE-M3: A Dynamic General Equilibrium Micro-Macro Model for the EU Member States](#),” joint with Diego d’Andria, Jason DeBacker, Jonathan Pycroft, Wouter van der Wielen, and Magdalena Zachlod-Jelec, JRC Working Papers on Taxation and Structural Reforms No. 03/2020, JRC Technical Reports, European Commission (March 2020).
- “[Public Debt, Interest Rates, and Negative Shocks](#),” *AEA Papers and Proceedings*, Vol. 110, pp. 137-140 (May 2020). [[longer version, with technical appendix](#) and [code](#)]
- “[Dynamic Analysis of EITC Expansion](#),” *Quantitative Notes*, 2018-2, Open Research Group, Inc., (May 16, 2018)
- “[Dynamic Analysis of Tax Cuts and Jobs Act](#),” joint with Jason DeBacker, *Quantitative Notes*, 2018-1, Open Research Group, Inc., (February 2, 2018)
- “[Dynamic Analysis of Corporate Income Tax Rate Cut](#),” *Quantitative Notes*, 2017-4, Open Research Group, Inc., (November 29, 2017)
- “[Government Revenue and Distributional Effects of Tax Cuts and Jobs Act](#),” joint with Haylee Ham, *Quantitative Notes*, 2017-3, Open Research Group, Inc., (November 29, 2017)
- “[Personal Income](#)” and “[Gross Domestic Product by State](#)”, *2015 Economic Report to the Governor*, Utah Economic Council, David Eccles School of Business, and Governor’s Office of Management and Budget, pp. 31-38 (2015).
- “[Integration of the Surgeon’s Certificates with the Pension Application Groupings in the Union Army Dataset](#).” CPE Working Paper Series, Center for Population Economics, University of Chicago Graduate School of Business (August 2003, revised April 2005).

## AWARDS AND HONORS

- [Kuznets Prize](#) for “[The Fertility Effect of Catastrophe: U.S. Hurricane Births](#).” joint with Yingyao Hu and Zhong Zhao for the best paper in the *Journal of Population Economics* during the three-year period from 2010 to 2012 out of 174 papers (June 2013 at the Annual Meeting of the European Society for Population Economics in Aarhus, Denmark).

## RESEARCH GRANTS

- |  |             |
|--|-------------|
| “Open Source Macroeconomics Laboratory at the University of Chicago and Dynamic Analysis Center at Rice University,” Charles Koch Foundation, joint with John Diamond (Jan. 2017 to Dec. 2021)                     | \$5,480,450 |
| “A Macroeconomic Model for Dynamic Tax Scoring,” American Enterprise Institute (AEI) Open Source Policy Center (OSPC), joint with Kerk L. Phillips (July 2015 – June 2016).  | \$60,000    |
| “BYU Macroeconomics and Computational Laboratory Grant,” Brigham Young University Department of Economics and College of Family, Home, and Social Sciences, joint with Kerk L. Phillips (March 2015 – April 2016). | \$133,235   |
| “A Macroeconomic Model for Dynamic Tax Scoring,” American Enterprise Institute (AEI) Open Source Policy Center (OSPC), joint with Kerk L. Phillips (June 2014 – May 2015).   | \$45,000    |
| “BYU Macroeconomics and Computational Laboratory Grant,” Brigham Young University Department of Economics and College of Family, Home, and Social Sciences, joint with Kerk L. Phillips (March 2014 – April 2015). | \$185,000   |

“TUES: A New Curriculum in Applied and Computational Math,” National Science Foundation, DUE-1323785, Jeffrey Humpherys (PI), Tyler Jarvis (Co-PI), Richard W. Evans (Co-PI), and Kevin Seppi (Co-PI) (Sep. 2013 – Aug. 2016).	\$599,918
“BYU Macroeconomics and Computational Laboratory Grant,” Brigham Young University Department of Economics and College of Family, Home, and Social Sciences, joint with Kerk L. Phillips and David E. Spencer (March 2013 – April 2014).	\$170,782
“Simulating Utah State Pension Reform,” American Action Forum, joint with Kerk L. Phillips (May 2012).	\$12,500
“BYU Computational Economics Mentored Research Grant,” Brigham Young University Department of Economics and College of Family, Home, and Social Sciences, joint with Jeffrey Humpherys and Kerk L. Phillips (March 2012 – April 2013).	\$100,000
“Mentoring Environment Grant (MEG): Modeling Macroeconomic Policies,” Brigham Young University, joint with Kerk L. Phillips and David E. Spencer (January 2012 – December 2013).	\$18,090
“The Term Structure of Short-term Credit: Theory and Evidence.” Consumer Credit Research Foundation, (December 2010 – October 2011).	\$22,770
“Perceptions of Disability: Personal, Medical, Administrative.” Center for Population Economics at the University of Chicago and the National Bureau of Economic Research, subgrant of National Institutes of Health program project grant number P01 AG10120 (June 2004 – February 2005).	\$24,000

## WORKS IN PROGRESS

- “Downward Risk in Labor Income: Age, Gender, Education, Crime, and Inequality,” joint with Fulin Guo (April 2019).
- “Do People Prefer Tax Policies that Benefit Themselves,” joint with Keertana Chidambaram (April 2019).
- “Precautionary Labor Supply,” joint with Jason DeBacker and Zunda Xu (April 2019).
- “Synthetic Data and Privacy: Convolved Nonparametric Joint Distributions,” joint with Daniel Silva-Inclan (April 2019).
- “[The Distributional Effects of Redistributive Tax Policy](#),” joint with Jason DeBacker, Evan Magnusson, Kerk L. Phillips, Shanthi Ramnath, and Isaac Swift, revise and resubmit, *Quantitative Economics* (July 2016).
- “[A Big Data Approach to Optimal Sales Taxation](#),” joint with Christian Baker, Jeremy Bejarano, Kenneth L. Judd, and Kerk L. Phillips (September 2015).

## CONFERENCES AND SESSIONS ORGANIZED

Workshop, “Second AAAI Workshop on Privacy-Preserving Artificial Intelligence”, with Ferdinando Fioretto and Pascal Van Hentenryck, 35th AAAI Conference on Artificial Intelligence (AAAI 2021), Association for the Advancement of Artificial Intelligence, Virtual Conference, February 2-9, 2021.

[BYU Computational Public Economics Conference 2015: Economic Modeling of Tax and Budget Policy](#). Park City, Utah, December 10-11, 2015.

Session, “[Macroeconomic Modeling of Tax and Budget Policy](#).” Annual Conference on Taxation,

National Tax Association, Boston Park Plaza Hotel, Boston, Massachusetts, November 19-21, 2015.

Session, “[Mathematical Programming in Tax Policy Modeling](#).” 22nd International Symposium on Mathematical Programming, Pittsburgh, Pennsylvania, July 12-17, 2015.

[BYU Computational Public Economics Conference 2014: Economic Modeling with Asset Pricing](#). Park City, Utah, December 11-12, 2014.

Session, “[Session 4: Modern Numerical Methods Applied to Economic Problems](#).” Stanford Institute for Theoretical Economics (SITE), Summer 2014 Workshop, Stanford, California, joint with Kenneth Judd, Karl Schmedders, and Sevin Yeltekin, July 28–30, 2014.

[Initiative for Computational Economics \(ICE\) 2014](#). Hoover Institution, Stanford University, joint with Kenneth Judd, Karl Schmedders, and Sevin Yeltekin, July 14-25, 2014.

Session, “[Computational Solutions to Optimal Policy Problems](#).” American Economic Association annual meeting, Philadelphia, Pennsylvania, January 4, 2014.

[BYU Computational Public Economics Conference 2013: Economic Modeling with Health and Aging](#). Park City, Utah, December 12-13, 2013.

[BYU Computational Public Economics Conference 2012](#). Park City, Utah, December 13-14, 2012.

## PRESENTATIONS

(Go to [this link](#) for detail on presentations.)

- 2020 American Economic Association, Connecticut Department of Revenue
- 2019 HEC Lausanne, Southern Utah University, NYU Stern, Tax Policy Research Unit of India, World Bank, Social Security Advisory Board, National Tax Association, Tax Policy Center/Urban Institute, American Enterprise Institute
- 2018 Rice University, Tax Economists Forum, Congressional Budget Office, University of Chicago Computational Social Science Workshop
- 2016 Federal Reserve Board of Governors, Hoover Institution, U.S. Senate, American Enterprise Institute, Federal Reserve Bank of Kansas City, University of Chicago
- 2015 Seattle University, 22nd International Symposium on Mathematical Programming, Washington Research Council, Congressional Budget Office, PwC, American Enterprise Institute, Joint Committee on Taxation, Institute for Fiscal Studies
- 2014 Utah State University, Stanford Institute for Theoretical Economics (SITE), Tax Economists Forum, American Economic Association
- 2013 BYU Computational Public Economics Conference, Hoover Institution, Society for Computational Economics, Utah Economic Review
- 2012 BYU Center for the Study of Europe, Association for Financial Professionals of Utah, Quantitative Society for Pensions and Savings, Midwest Macro Meetings, Wasatch Front Economic Forum, Utah Economic Review, American Economic Association
- 2011 BYU Center for the Study of Europe, National Bureau of Economic Research, Society for Computational Economics, Utah CEO Forum, Utah Economic Review
- 2010 Utah CEO Forum, Quantitative Society for Pensions and Savings, Midwest Macro Meetings, ACG Utah
- 2009 Quantitative Society for Pensions and Savings
- 2008 Brigham Young University, U.S. Treasury Office of Tax Analysis, University of Memphis
- 2007 Midwest Macro Meetings
- 2006 Texas Econometrics Camp

## TEACHING AND TRAINING EXPERIENCE

- [Advanced Git and GitHub Research Collaboration](#), NYU Stern Economics Pre-doc Training Program, New York University (September 20-22, 2019).
- Perspectives on Computational Economic Modeling (MACS 30150), University of Chicago ([Winter 2019](#))
- Perspectives on Computational Economic Research (MACS 30250), University of Chicago ([Spring 2019](#))
- Perspectives on Computational Analysis (MACS 30000), University of Chicago ([Autumn 2018](#), [Autumn 2016](#)).
- Perspectives on Computational Modeling (MACS 30100), University of Chicago ([Winter 2018](#), [Winter 2017](#))
- Perspectives on Computational Research (MACS 30200), University of Chicago ([Spring 2018](#), [Spring 2017](#))
- Structural Estimation (MACS 40200), University of Chicago ([Winter 2019](#), [Winter 2018](#), [Winter 2017](#))
- Economic Policy Analysis with Overlapping Generations Models (MACS 40000), University of Chicago ([Autumn 2017](#), [Autumn 2016](#))
- Open Source Economics Laboratory (OSE Lab) Boot Camp, University of Chicago ([Summer 2019](#), [Summer 2018](#), [Summer 2017](#)).
- Overlapping Generations Model Building for Policy Analysis, joint with Jason DeBacker, Ministry of Finance, Tax Policy Research Unit, Government of India, Delhi, India, 10 days, 6 hours per day, April 30–May 11, 2018.
- Overlapping Generations Model Building for Policy Analysis, joint with Jason DeBacker, Joint Research Centre of the European Commission, Seville, Spain, 10 days, 6 hours per day, May 29–June 9, 2017.
- BYU Macroeconomics and Computational Laboratory Boot Camp, Brigham Young University (May 2012 – Aug. 2015). Spring 2012, [Spring 2013](#), [Spring 2014](#), [Spring 2015](#).
- Advanced Macroeconomic Theory and Computational Methods (Econ 413R), Brigham Young University (May 2012 – Aug. 2015)
- Intermediate Macroeconomics (Econ 381), Brigham Young University (August 2008 – Aug. 2016)
- International Monetary Theory (Econ 459), Brigham Young University (August 2012 – Aug. 2016)
- Readings in Computational Economics (Econ 498R), Brigham Young University (Fall 2009, Winter 2014)
- Readings in Dynamic Programming (Math 391R), Brigham Young University (Fall 2009)

## AUTHORED MEDIA ARTICLES

(click hyperlinks for access to article)

- Washington Post*, [“We might see a coronavirus baby blip — not a boom”](#), (March 25, 2020).
- Deseret News* (Salt Lake City, Utah), [“Punishing China for currency manipulation could hurt the U.S.”](#), joint with Kerk L. Phillips (October 29, 2012).
- VoxEU.org, [“Shattering the American dream: The U.S. government’s Ponzi scheme,”](#) joint with Laurence J. Kotlikoff and Kerk L. Phillips (May 4, 2012).
- Deseret News* (Salt Lake City, Utah), [“2010 pension reform a plus for retirement fund solvency,”](#) joint with Kerk L. Phillips (May 1, 2012).

*Deseret News* (Salt Lake City, Utah), “[Data show short-term lending not predatory](#)” (December 20, 2011).

## MEDIA CITATIONS AND APPEARANCES

(Go to [this link](#) for detail on media citations.)

- 2020 BYU Radio, *New York Times*, *USA TODAY*, *Chicago Tribune*, Vox.com, *The Wall Street Journal*
- 2018 *Forbes*
- 2016 Becker Friedman Institute, The Matt Townsend Show, NPR All Things Considered
- 2015 NJ.com, BYU Radio
- 2014 BYU Radio, *State Tax Notes*
- 2013 HuffPost Live, *Salt Lake Tribune*, CNN.com, ABC News Radio, CBSnews.com, *USA TODAY*
- 2012 *Salt Lake Tribune*, Slate.com, RealClearMarkets.com, CapitalResearch.org, *Deseret News*, MarginalRevolution.com, Salt Lake Chamber of Commerce Blog
- 2011 *Chicago Tribune*, LifesLittleMysteries.com, *Deseret News*, History.com, Salt Lake Chamber of Commerce Blog
- 2010 KSL News Television, KSL News Radio, Salt Lake Chamber of Commerce Blog, *Medill Reports*
- 2009 Yahoo! Sports Blog, ESPN.com, *BYU Magazine*
- 2008 *Deseret News*, *Daily Herald*

## PROFESSIONAL SERVICE AND MEMBERSHIPS

- Member: American Economic Association, National Tax Association
- Referee: *Macroeconomic Dynamics*, *Journal of Macroeconomics*, *Computational Economics*, *Journal of Computational Science*, *Public Finance Review*, *Journal of Pension Economics and Finance*, *Economic Inquiry*, *Economics Letters*, *Fiscal Studies*, *Journal of Policy Analysis and Management*, *Journal of Population Economics*, *Economics of Education Review*, *Demography*, *Economics of Disasters and Climate Change*

## OTHER SKILLS

- Fluent languages: English, Italian
- Computational languages: Python, MATLAB, Stata
- Typography: L<sup>A</sup>T<sub>E</sub>X
- GitHub: <https://github.com/rickecon>
- [Project Euler](#) friend key: 1055910\_HgwI83R0RpFlvXAIU2yVGLJZjFaB0MvQ