

Scott A. Wolla

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EDUCATION

Saint Louis University, Saint Louis, Missouri

Ph.D., Education: Curriculum and Instruction, 2015

Dissertation: *Evaluating the Effectiveness of an Online Learning Module and its Impact on Majority Minority and African American School Populations*

University of Delaware, Lerner College of Business and Economics

M.A., Economics for Educators, 2009

Bemidji State University

M.S., Teacher Education, 2002

Minnesota State University Moorhead

B.S., Social Studies Education, 1995, Magna Cum Laude

Concentrations: History and Psychology

PROFESSIONAL EXPERIENCE

Federal Reserve Bank of St. Louis, January 29, 2010 - present

- **Economic Education Officer, February 1, 2023 - present**
- **Economic Education Coordinator, November 2018 – January 31, 2023.**
- **Senior Economic Education Specialist, November 2012 - November 2018.**
- **Economic Education Specialist, January 2010 - November 2012.**

Washington University in St. Louis, 2020 – present

- **University College, Adjunct Instructor, Intro to Microeconomics, Intro to Macroeconomics**

Saint Louis University, 2013 – 2020

- **School for Professional Studies, Adjunct Instructor, Survey of Economics, 2013-2020**
- **Chaifetz School of Business, Adjunct Instructor, Principles of Economics, 2014-2018**

Jefferson College, Arnold, Missouri, spring 2011

- **Adjunct Instructor, Microeconomics**

Hibbing High School, Hibbing, Minnesota, 1996 – 2010

- **Social Studies Teacher:** Taught grades seven to twelve, including: U.S. history, civics, world history, economics, and Principles of Microeconomics. Also taught night school and tutored homebound students.
- **Academic Coach and Advisor:** Knowledge bowl coach, economics challenge coach, Close Up advisor, Key Club advisor, Technology Committee, and National Honor Society selection committee.

PUBLICATIONS

Working Papers

“Teaching Economics Using Primary Sources,” (revise and resubmit), a book chapter in *The Educator's Handbook for Teaching with Primary Sources*, with S. Day, G. Podleski, and D. Mendez-Carbajo.

Refereed Journal Articles

“Curriculum Lag Challenges and Strategies for LT Principles: Lessons from Closing the Monetary Policy Curriculum Gap,” (forthcoming, *Journal of Economic Education*) with Jane Ihrig and Mary Clare Peate.

“Cognitive Science Teaching Strategies and Literary-Targeted Economics Complementariness,” (forthcoming, *Journal of Economic Education*), with Bill Goffe.

“Teaching Monetary Policy with Ample Reserves,” *Journal of Economics Teaching*, 8 (2), p. 114-127, 2023. (with Jane Ihrig). <https://doi.org/10.58311/jeconteach/6f8dff11179466b2d32da497c5465b9cff2774ac>

“Monetary Policy Yesterday, Today, and Beyond,” *Social Education*, National Council for the Social Studies, 2022, 87(2), p. 83-87, 2023. (with Jane Ihrig). <https://www.socialstudies.org/social-education/87/2/monetary-policy-yesterday-today-and-beyond>

“How are Banks and the Fed Linked? Teaching Key Concepts Today,” *Review of Political Economy*, 2023, 35:2, 555-571. (with Jane Ihrig) DOI: <https://doi.org/10.1080/09538259.2022.2040906>

“Let’s close the gap: Updating the textbook treatment of monetary policy,” *Journal of Economic Education*, 53:3, p. 232-249, 2022. (with J. Ihrig) <https://doi.org/10.1080/00220485.2022.2075509>

"Closing the Curriculum Gap by Updating Content Standards and Guidelines for Teaching Monetary Policy," *The American Economist*, 2022. (with J. Ihrig) <https://doi.org/10.1177%2F05694345221085678>

“The Federal Reserve’s Early Response to the COVID-19 Pandemic” *Social Education*, National Council for the Social Studies, 85(2), p. 78-80, 2021. (with J. Ihrig)

"The Economics of Artificial Intelligence: A Primer for Social Studies Educators," *The Councilor: A Journal for the Social Studies*: Vol. 81 : No. 2 , Article 3, 2020.

Refereed Journal Articles (continued)

“Fixing the ‘Curriculum Lag’ in Economics: The new tools the Fed is using to influence the economy,” *Social Education*, National Council for the Social Studies, 84(2), p. 93-99, 2020. (with J. Ihrig)

“A Survey of Federal Reserve Economic Education Programs and Resources,” *The Journal of Economic Education*, 51:1, 68-79, 2020. (with A. Hill) <https://doi.org/10.1080/00220485.2019.1687380>

“Segmenting education content: Long-form vs. short-form online learning modules,” *The American Journal of Distance Education*, 33:2, 108-119, 2019. (with D. Méndez-Carbajo).
<https://doi.org/10.1080/08923647.2019.1583514>

“The Economics of Artificial Intelligence and Robotics,” *Social Education*, National Council for the Social Studies, 83(2), pp 83-87, 2019. (with M. Schug and W. Wood)

“One small spoonful at a time: Long-form vs. Short-form Financial Education Learning Modules,” *Empirical Pedagogy*, 32(3/4), pp, 401-415, 2018. (with D. Méndez-Carbajo)

“The Textbook Treatment of Net Exports: Will the Uninformed Reader Understand?” *Journal of Economics Teaching*, 3(2), pp. 233-253, 2018.
<https://doi.org/10.58311/jeconteach/9d595fc79391cbcc3a669af7c6eb5af0f70b5869>

“Federal Reserve Policy: Managing Both Sides of the Dual Mandate,” *Social Education*, National Council for the Social Studies, 82(2), 87-90, 2018. (with K. Kliesen)

“Yours, Mine, and the Truth: Using a Structured Minimum Wage Debate in the Economics Classroom,” *The American Economist*, 63 (2), pp. 245-259, 2018. <https://doi.org/10.1177/0569434517736241>

“Evaluating the Effectiveness of an Online Module for Increasing Economic Literacy,” *Social Studies Research and Practice*, Vol. 12 Issue: 2, pp.154-167, 2017. <https://doi.org/10.1108/SSRP-04-2017-0014>

“China’s Rapid Economic Rise: A New Application of an Old Recipe,” *Social Education*, National Council for the Social Studies, 81(2), pp 93-97, 2017. (with Y. Wen)

“Resources for Teaching Economic and Financial Literacy in Light of the Great Recession.” *Social Education*, National Council for the Social Studies, 79(2), 74-77, 2015. (with M. Suiter)

“Job Market Signaling: An Active Learning Approach for Teaching Education, Income, and Employment,” *Social Studies Research and Practice*, Vol. 9, No. 2, (Summer 2014).

“Why Didn’t China Discover the New World?,” *Social Education*, National Council for the Social Studies, Vol. 77, No. 2 (March / April 2013), pp 68 - 73.

“Data Literacy Contributes to Critical Thinking: FRED for the Classroom,” *Social Studies Research and Practice*, Vol. 7, No. 4 (Spring 2012). (with K. Cosgrove and M. Suiter)

Articles and Book Chapters

"Making Technical Adjustments: The Difference Between “Conducting” and “Implementing” Monetary Policy," *Economic Synopses*, No. 21, 2021. (with J. Ihrig)

“Let’s close the gap: Revising teaching materials to reflect how the Federal Reserve implements monetary policy,” *Finance and Economics Discussion Series* 2020-092. Washington: Board of Governors of the Federal Reserve System, 2020. (with J. Ihrig) <https://doi.org/10.17016/FEDS.2020.092>.

“Closing the Monetary Policy Curriculum Gap: A Primer for Educators Making the Transition to Teaching the Fed's Ample-Reserves Framework," *FEDS Notes*, 2020-10-23. Board of Governors of the Federal Reserve System. (with J. Ihrig) <https://doi.org/10.17016/2380-7172.2754>

“Would increasing the minimum wage reduce poverty?” a chapter in *Teaching the College, Career, and Civic Life (C3) Framework: Part Two*. Edited by S.G. Grant, J. Lee, and K. Swan. National Council for the Social Studies, 2018. (with Eva Johnston)

“Invest in Human Capital to Build a Better Future,” a chapter in *Economic Literacy for Life: Today’s Lessons = Tomorrow’s Financial Stability and Success*, Annual Report 2016, Federal Reserve Bank of St. Louis, 2017.

“Math and History Connections for Middle School Economics,” a chapter in *Innovations in Economic Education: Promising Practices for Teachers and Students K-16*. Edited by M.B. Henning. Published by Routledge, 2016. (with Sara Barnett)

“Why Do We Call it The ‘Great’ Depression?” a chapter in *Teaching the C3 Framework: A Guide to Inquiry-Based Instruction in the Social Studies*. Edited by Kathy Swan and John Lee. Published by the National Council for the Social Studies, 2014. (with M. Suiter and B. Flowers)

Book Review, “The Federal Reserve and the Financial Crisis.” Ben S. Bernanke. Princeton: Princeton University Press, 2013. *The Councilor: A Journal for the Social Studies*, Vol. 75, No. 1 (April 2014).

Book Review, "Teaching Economics in Troubled Times: Theory and Practice for Secondary Social Studies." Edited by Mark C. Schug and William C. Wood. New York: Routledge, 2011." *The Councilor: A Journal for the Social Studies*, Vol. 74, No. 1 (April 2013).

Page One Economics, Federal Reserve Bank of St. Louis

“Is College Still Worth the High Price? Weighing the Costs and Benefits of Investing in Human Capital,” *Page One Economics*, September 2023 (with Guillaume Vandenbroucke and Cameron Tucker)

“The Rise (and Fall) of Inflation During the Early 2020s,” *Page One Economics*, August 2023 (with Jane Ihrig and Kevin Kliesen)

“All About the Business Cycle: Where do Recessions Come From?” *Page One Economics*, March 2023.

Page One Economics, Federal Reserve Bank of St. Louis (continued)

“How Federal Reserve Bank Presidents Ensure “Main Street” is Represented in Monetary Policy,” *Page One Economics*, November 2022.

“How Does the Fed Use Its Monetary Policy Tools to Influence the Economy?” *Page One Economics*, May 2022. (with J. Ihrig)

“The Importance of Diverse Perspectives: Strategies for Supporting Women in Economics,” *Page One Economics*, Special Issue: 2022. (with A. Ackley, M. Suiter)

“Automation and the Minimum Wage” *Page One Economics*, November 2021.

“Teaching the Linkage Between Banks and the Fed: R.I.P. Money Multiplier” *Page One Economics*, September 2021.

“Inflation Expectations, the Phillips Curve, and the Fed’s Dual Mandate” *Page One Economics*, July 2021.

“Minding the Output Gap: What is the Potential GDP and Why Does it Matter?” *Page One Economics*, May 2021.

“Examining the “Lump of Labor” Fallacy Using a Simple Economic Model” *Page One Economics*, November 2020.

“COVID-19’s Effects on the Economy and the Fed’s Response” *Page One Economics*, September 2020. (with Jane Ihrig and Gretchen Weinbach)

“The Fed’s New Monetary Policy Tools” *Page One Economics: Special Edition*, August 2020. (with Jane Ihrig)

“Independence, Accountability, and the Federal Reserve System,” *Page One Economics*, May 2020.

“Making Sense of the National Debt,” *Page One Economics*, November 2019. (with Kaitlyn Frerking)

“A New Frontier: Monetary Policy with Ample Reserves,” *Page One Economics*, May 2019.

“The Economics of Flying: How Competitive are the Friendly Skies?” *Page One Economics*, November 2018. (with Carolyn Backus)

“How do Imports Affect GDP?” *Page One Economics*, September 2018.

“Bitcoin: Money or Financial Investment?” *Page One Economics*, March 2018.

“Will Robots Take Our Jobs?” *Page One Economics*, January 2018.

“Does International Trade Create Winners and Losers?” *Page One Economics*, November 2017. (with Anna Esenther)

“Why Are Some Countries Rich and Others Poor?” *Page One Economics*, September 2017.

“The Economics of Subsidizing Sports Stadiums,” *Page One Economics*, May 2017.

Page One Economics, Federal Reserve Bank of St. Louis (continued)

“The Productivity Puzzle,” *Page One Economics*, March 2017.

“Education, Income, and Wealth,” *Page One Economics*, January 2017.

“International Trade: Making Sense of the Trade Deficit,” *Page One Economics*, November 2016.

“International Trade: Why Do People and Nations Trade?” *Page One Economics*, November 2016.

“Why Is It So Difficult to Buy a High-Quality Used Car?” *Page One Economics*, September 2016.

“Stock Market Investing Strategies: Are You an Active or Passive Investor?” *Page One Economics*, April 2016.

“Making Sense of Unemployment Data,” *Page One Economics*, February 2016.

“College: Learning the Skills to Pay the Bills?” *Page One Economics*, December 2015.

“What’s in Your Market Basket? Why Your Inflation Rate Might Differ from the Average,” *Page One Economics*, October 2015.

“Falling Oil Prices Create Winners and Losers,” *Page One Economics*, May 2015.

“Is a Strong Dollar Better than a Weak Dollar?” *Page One Economics*, March 2015.

“Would a Gold Standard Brighten Economic Outcomes?” *Page One Economics*, January 2015.

“Smoothing the Path: Balancing Debt, Income, and Saving for the Future,” *Page One Economics*, November 2014.

“Economics and the Environment,” *Page One Economics*, September 2014.

“The Economics of Immigration: A Story of Substitutes and Complements,” *Page One Economics*, May 2014.

“Would Increasing the Minimum Wage Reduce Poverty?” *Page One Economics*, March 2014.

“The Rising Cost of College: Tuition, Financial Aid, and Price Discrimination,” *Page One Economics*, January 2014.

“What are the ‘Ingredients’ for Economic Growth?” *Page One Economics*, September 2013.

“GDP: Does it Measure Up?” *Page One Economics*, May 2013.

“Money and Inflation: A Functional Relationship,” *Page One Economics*, March 2013.

“Invest in Yourself: Applying an Investment Approach to Education Decisions,” *Page One Economics*, February 2013.

“Choices are everywhere: Why can’t we just have it all?” *Page One Economics*, January 2013.

Newsletters And Blogs

“Economics and Personal Finance Courses: Complements Not Substitutes” Open Vault Blog, Federal Reserve Bank of St. Louis, October 26, 2022. (with Mary Suiter and Lilly Levin)

<https://www.stlouisfed.org/open-vault/2022/oct/economics-personal-finance-are-complements-not-substitutes>

“How Will the Fed Reduce Its Balance Sheet?” Open Vault Blog, Federal Reserve Bank of St. Louis, 2022. (with J. Ihrig) <https://www.stlouisfed.org/open-vault/2022/may/how-will-fed-reduce-balance-sheet>

“The Fed's Stance on Monetary Policy: Managing Both Sides of the Dual Mandate,” Teaching Resources for Economics at Community Colleges (TRECC) Newsletter; 2022. (with J. Ihrig)

https://d32ogoqmya1dw8.cloudfront.net/files/econ/2yc/trecc_mar2022.pdf

"3,2,1...Liftoff. What Does 'Liftoff' Really Mean in Fed Policy?" Open Vault Blog, Federal Reserve Bank of St. Louis, 2022. (with J. Ihrig) <https://www.stlouisfed.org/open-vault/2022/feb/what-liftoff-means-in-fed-policy>

“Here’s What the Fed Means by Tapering,” *Open Vault Blog*, Federal Reserve Bank of St. Louis, 2021. (with J. Ihrig) <https://www.stlouisfed.org/open-vault/2021/november/what-fed-tapering-means>

Teaching about New Monetary Policy Tools, *Timely Topics Podcast Series*, Federal Reserve Bank of St. Louis, 2021. (with J. Ihrig)

“Monetary Policy Has Changed, Has Your Instruction?” Teaching Resources for Economics at Community Colleges (TRECC) Newsletter, 2021. (with J. Ihrig)

https://d32ogoqmya1dw8.cloudfront.net/files/econ/2yc/trecc_mar2021_2.pdf

“Visualizing the New Tools of Monetary Policy,” *FRED Blog*, Federal Reserve Bank of St. Louis, 2021. (with J. Ihrig) <https://fredblog.stlouisfed.org/2021/02/visualizing-the-feds-new-monetary-policy-tools/>

“How the Fed Has Responded to the COVID-19 Pandemic” *Open Vault Blog*, Federal Reserve Bank of St. Louis, 2020. (with J. Ihrig and G. Weinbach) <https://www.stlouisfed.org/open-vault/2020/august/fed-response-covid19-pandemic>

“How Does the Fed Influence Interest Rates Using its New Tools?” *Open Vault Blog*, Federal Reserve Bank of St. Louis, 2020. (with J. Ihrig) <https://www.stlouisfed.org/open-vault/2020/august/how-does-fed-influence-interest-rates-using-new-tools>

Fixing the Textbook Lag with FRED: Monetary Policy in a World of Ample Reserves (Part I),” *FRED Blog*, Federal Reserve Bank of St. Louis, 2019.

<https://fredblog.stlouisfed.org/2019/06/fixing-the-textbook-lag-with-fred-part-i/>

Newsletters And Blogs (continued)

Fixing the Textbook Lag with FRED: Monetary Policy in a World of Ample Reserves (Part II),” *FRED Blog*, Federal Reserve Bank of St. Louis, 2019.

<https://fredblog.stlouisfed.org/2019/06/fixing-the-textbook-lag-with-fred-part-ii/>

“Do imports subtract from GDP?” *FRED Blog*, Federal Reserve Bank of St. Louis, 2018.

<https://fredblog.stlouisfed.org/2018/09/do-imports-subtract-from-gdp/>

SELECTED TEACHING RESOURCES

Teaching Resources published by Federal Reserve Bank of St. Louis

How Fed Policy Transmits to the Economy, 2022. (with J. Ihrig)

Federal Reserve Monetary Policy Timeline, FRASER, 2022. (with A. Brennecke and G. Podleski)

Badging: An Educator’s Guide to Monetary Policy, 2022.

Badging: A Citizen’s Guide to Monetary Policy, 2022.

Budgeting Basics Digital Badge Program, 2022. (with M. Suiter)

GDP and Pizza videos (8 episodes), 2022.

Teaching the New Tools of Monetary Policy - Frequently Asked Questions, 2022. (with J. Ihrig)

Long-Run Equilibrium, an online learning module, 2021. (with A. Caceres-Santamaria)

Lecture Guide: How the Federal Reserve Implements Monetary Policy, 2021. (with J. Ihrig)

The Fed’s New Monetary Policy Tools, an online learning module, 2021.

You Don’t Have To Be an Economist To Understand an FOMC Statement, 2020.

Comparative Advantage: Trading Pizzas and Brownies, 2020.

Teaching Market Structures with a Competitive Gum Market, 2020.

The GDP Expenditures Equation: What Is GDP and How Do We Measure It?, 2019.

Teaching About Money and Inflation Using a Classroom Inflation Auction, 2019.

Using a Structured Minimum Wage Debate in the Economics Classroom, 2019.

Teaching Resources published by Federal Reserve Bank of St. Louis (continued)

Is Trade a Zero-Sum Game? The Answer Lies in Candy. 2019.

The Castaways Discover GDP, 2019. (with M. Suiter and G. Fortier)

Making Personal Finance Decisions (20 lesson personal finance curriculum), co-editor, published by Minnesota Council on Economic Education and Federal Reserve Bank of St. Louis, 2016.

“The Arsenal of Democracy: The United States in WWII,” 2014.

The Fed’s Toolbox, 2014. (with K. Bertelsen and P. Williams)

Monetary Policy, an online learning module, 2013. (with B. Flowers and M. Suiter)

Tax Incidence: An Interactive Whiteboard Lesson, 2012.

Constitutionality of a Central Bank, 2012. (with M. Suiter)

Supply and Demand, an online learning module, 2012. (with B. Flowers and M. Suiter)

The Free Silver Movement and Inflation, 2012.

The Illustrated Consumer and Producer Surplus: An Interactive Whiteboard Lesson, 2012.

Constitutionality of a Central Bank, 2012. (with M. Suiter)

Great Inflation, an online learning module, 2012.

Soar to Savings, an online learning module, 2011.

In Plain English, an online learning module, 2011. (with B. Flowers and M. Suiter)

Great Depression, an online learning curriculum, 2010. (with B. Flowers and M. Suiter)

Cards, Cars and Currency, an online learning curriculum, 2010. (with B. Flowers and C. Rossiter)

It’s Your Paycheck, an online learning curriculum, 2010. (with B. Flowers)

Economic Lowdown Video Series, Federal Reserve Bank of St. Louis

- “The Fed and the Dual Mandate,” 2022.
- “Two Important Interest Rates in Monetary Policy Implementation,” 2022.
- “Reservation Rate and Arbitrage,” 2022.
- “The Fed in Action,” 2022.
- “There is No Such Thing as a Free Lunch,” 2019.
- “Unemployment,” 2018.
- “Inflation,” 2017.
- “Production Possibilities Frontier,” 2016.
- “Gross Domestic Product (GDP),” 2014.
- “The Circular Flow,” 2013.
- “Externalities,” 2013.
- “The Labor Market,” 2013.
- “Inflation,” 2013.
- “Equilibrium,” 2012.
- “Demand,” 2012.
- “Supply,” 2011.

Economic Lowdown Podcast Series, Federal Reserve Bank of St. Louis

- “Fiscal Policy,” [Episode 21], 2017.
- “Monetary Policy,” [Episode 20], 2017.
- “Cost of Production,” [Episode 19], 2017. (with Arlington Foster)
- “The Business Cycle,” [Episode 18], 2016.
- “Public Goods,” [Episode 17], 2015. (with Andrew Spewak)
- “Elasticity of Demand,” [Episode 16], 2015.
- “Economic Growth,” [Episode 15], 2014. (with Hope Benefield)
- “Getting ‘Real’ about Interest Rates,” [Episode 14], 2014.
- “Gross Domestic Product,” [Episode 13], 2014.
- “Price Signals,” [Episode 12], 2012.
- “Externalities,” [Episode 11], 2011.
- “The Labor Market,” [Episode 10], 2011.
- “Functions of Money,” [Episode 9], 2011.
- “Market Equilibrium,” [Episode 8], 2011.
- “Supply,” [Episode 7], 2011.
- “Demand,” [Episode 6], 2010.
- “Unemployment,” [Episode 5], 2010.
- “Inflation,” [Episode 4], 2010.
- “The Role of Self-Interest and Competition in a Market Economy,” [Episode 3], 2010.
- “Factors of Production,” [Episode 2], 2010.
- “Opportunity Cost,” [Episode 1], 2010.

Teaching Resources published by Council on Economic Education

“Economic Data Lesson: Nonfarm Payrolls,” *EconEdLink*, 2017.

“Economic Data Lesson: Gross Domestic Product (GDP),” *EconEdLink*, 2017.

“Economic Data Lesson: The Unemployment Rate,” *EconEdLink*, 2017.

“Economic Data Lesson: Inflation,” *EconEdLink*, 2017.

“Economic Data Lesson: Economic Policy Options,” *EconEdLink*, 2017.

The Fed's Toolbox, 2014. *High School Economics*. 3rd edition, New York: Council for Economic Education, 2014. (with Kris Bertelsen and Princeton Williams)

“Financial Literacy: Benefits for the ‘Micro’ and the ‘Macro,’” An invited essay, 2013.

“The 411 on College Education,” *EconEdLink*, 2013.

Focus: Middle School World History, 2011. (with W. Bosshardt, T. Ferrarini, D. Haskell, A. Hill, J. Lopus, B. Meszaros, E. Scahill, and P. VanFossen)

Teaching Resources published by EMC Paradigm Publishing, St. Paul, MN

Applying the Principles Workbook, 2nd edition, 2014 [2006].

Ticket Scalping and the Inauguration, an economics current event lesson, 2009.

Unemployment, Recession and Teens, an economics current event lesson, 2009.

Weak Dollar, an economics current event lesson, 2008.

Immigration, an economics current event lesson, 2006.

Minimum Wage, an economics current event lesson, 2006.

SELECTED PRESENTATIONS AT CONFERENCES AND WORKSHOPS

Plenary Speaker, “Teaching Monetary Policy in an Ample Reserves Environment,” College Board AP Economics Professional Development, Cincinnati, OH, June 5, 2023.

“Teaching Monetary Policy with Ample Reserves,” CTREE, Portland, OR., Thursday, June 1, 2023.

Selected Presentations (continued)

“Teaching Monetary Policy with Ample Reserves,” Eastern Economic Association, February 25, 2023.

“The Tools of Monetary Policy Have Changed. Has Your Instruction?” AEA-ASSA Economic Education Poster Session, January 7, 2023.

Keynote presentation, “Change is Hard: Rethinking Key Teaching Concepts in Macroeconomics,” Journal of Economics Teaching JET SET Conference, August 2022.

Keynote presentation, “Are Personal Finance and Economics Complements or Substitutes?” Kentucky Jump\$tart Awards Dinner, July 2022.

“Assessing the Monetary Policy Curriculum Gap,” AEA Conference on Teaching and Research in Economic Education (CTREE), June 2022.

“Monetary Policy has Changed. Has your Teaching?” Next Gen Personal Finance Featured Speakers Series, webinar, January 2022.

“Cognitive Science Teaching Strategies and Literacy-Targeted Economics Complementarities,” ASSA / AEA Conference, January 2022.

“Let’s Close the Gap: Revising Teaching Materials to Reflect How the Federal Reserve Implements Monetary Policy,” Southern Economics Association (SEA) Conference, November 2021.

“Planet Money and Econ Lowdown” Council for Economic Education National Conference, virtual, with Alex Goldmark, September 2021.

“Teaching the New Tools of Monetary Policy,” A webinar produced by Federal Reserve Bank of St. Louis, August 2021. (with J. Ihrig)

“Teaching the New Tools of Monetary Policy,” AEA Conference on Teaching and Research in Economic Education (CTREE), June 2021.

“Cognitive Science Teaching Strategies in Literacy Targeted Economics Courses,” AEA Conference on Teaching and Research in Economic Education (CTREE), June 2021.

“Making Economics Stick through Student Engagement and Assessment,” AEA Conference on Teaching and Research in Economic Education (CTREE), May 2019.

“A Survey of Federal Reserve Economic Education Programs and Resources,” ASSA / AEA) Conference, January 2019.

“An Active Learning Strategy for Improving Instruction in Macroeconomics,” AEA Conference on Teaching and Research in Economic Education (CTREE), May 2018.

Selected Presentations (continued)

"Innovations in Economic Education: Promising Practices for Teachers and Students K-16," Missouri Department of Higher Education Meeting, April 2018.

"The Textbook Treatment of Net Exports: Will the Rational Reader Understand?" The Association of Private Enterprise Education Forty-Third Annual Conference, March 2018.

"Teaching the C3 Framework," National Council for the Social Studies Annual Conference, November 2017.

"Yours, Mine, and the Truth: Using Debates in the Economics Classroom," AEA Conference on Teaching and Research in Economic Education (CTREE), May 2017.

"Presidential Economics: Viewing the Past through a Different Lens," National Council for the Social Studies Annual Conference, December 2016.

Keynote presentation, "What is the Status of Economic Education and Why Should We Care?" American Institute for Economic Research Teach-the-Teachers Initiative, Federal Reserve Bank of Chicago, July 2016.

"Teaching Economics Using Data and Current Topics," AEA Conference on Teaching and Research in Economic Education (CTREE), June 2016.

"Teaching the History of Women in the Workforce," National Council for the Social Studies Annual Conference, November 2015.

"Teaching Economics with Current Events in Mind," Council for Economic Education National Conference, October 2015.

"Teaching the C3 Framework: A Guide to Inquiry Based Instruction in the Social Studies," NCSS Featured Session, NCSS National Conference, November 2014.

"Investigating Differences in Personal Finance Achievement in Majority Minority High Schools Utilizing Online Learning Modules," CUFA Graduate Forum Roundtable, Boston, MA, November 2014.

"RePEc in the Classroom," AEA Conference on Teaching & Research on Economic Education (CTREE), May 2014.

"Teaching Economics Online," 52nd Annual Winter Institute, St. Cloud State University, St. Cloud, MN, February 2014.

"Enhancing the Common Core: New Videos from the Federal Reserve," National Council for the Social Studies 93rd Annual Conference, November 2013.

"Teaching the Great Inflation," Federal Reserve System Professional Development Conference, Federal Reserve Bank of St. Louis, November 2013.

Selected Presentations (continued)

“What is the Economic Forecast? Using FRED and FOMC Resources,” Next Generation Forecast Event, Missouri Economic Forecasting Conference, St. Louis, MO, October 2013.

“FRED and FRASER: Amazing Resources for the Classroom,” 52nd Annual Financial Literacy and Economic Education Conference, Council on Economic Education, October 2013.

“Technology for the Social Studies Classroom,” Independent Schools Association of the Central States (ISACS) Annual Conference, November 2012.

“Differentiated Instruction in the Personal Finance Classroom” Produced as part of the National Business Educators Association (NBEA) 2012 Fall Webinar Series, November 2012.

“Library Created Content for Clients,” Internet Librarian 2012 Conference, Monterey, CA, October 2012.

“FRED (Federal Reserve Economic Data) in the Classroom,” Conference on Teaching Economics and Personal Finance, University of Minnesota - St. Paul, August 2012.

“Constitutionality of a Central Bank,” Conference for System Economic Educators, Federal Reserve Board of Governors, Washington, DC, December 2011.

“Diversify Your Teaching Portfolio: Meeting the Diverse Learning Needs of Your Students,” National Council for the Social Studies 91st Annual Conference, December 2011.

“Myths, Tall Tales, and Urban Legends: Facts Behind the Fed,” 50th Annual Financial Literacy and Economic Education Conference, Council for Economic Education, October 2011.

“Using FRED to Teach Macroeconomics,” Conference on Teaching Economics and Personal Finance, University of Minnesota - St. Paul, August 2011.

“Education Resources from the Federal Reserve Bank of St. Louis,” National Council for the Social Studies 90th Annual Conference, November 2010.

“Time Value of Money,” Conference on Teaching Economics and Personal Finance, University of Minnesota - St. Paul, August 2010.

“The Great Depression,” Economic Forces in American History, Foundation for Teaching Economics, presentation given in five locations: Newark, DE, San Diego, CA, Williamsburg, VA, Boston, MA, Park City, UT, 2010.

“Why People Trade,” Winter Economics Institute, St. Cloud State University, St. Cloud, MN, February 2008.

“The Minimum Wage Debate in the Classroom,” EconFest, Minnesota Council on Economic Education, St. Paul, MN, October 2003.

IN THE NEWS

“Skimpflation’: An even sneakier form of shrinkflation” *BBC* (Alexis Beveniste), October 3, 2023.
<https://www.bbc.com/worklife/article/20231003-skimpflation-an-even-sneakier-form-of-shrinkflation>

“New Analysis Shows A College Degree Still Yields Excellent Return on Investment,” *Forbes* (Michael Nietzel), September 5, 2023. <https://www.forbes.com/sites/michaelnietzel/2023/09/05/new-analysis-shows-a-college-degree-still-yields-excellent-return-on-investment/?sh=2319442361b8>

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HONORS AND AWARDS

St. Louis Fed President's Award for Innovation, Extending Fed Transparency to the Classroom:
Closing the Monetary Policy Curriculum Gap, finalist, 2022

Bessie B. Moore Service Award, National Association of Economic Educators, 2020

St. Louis Fed President's Award for Innovation, Women in Economics Symposium and Podcast Series, 2018

2017 Emerald Literati Best Paper Award, *Evaluating the effectiveness of an online module for increasing financial literacy*,
Social Studies Research and Practice

St. Louis Fed President's Award for System Leadership, OMWI Leadership: Bringing Economics to
Everyone, 2017

J.J. O'Brien Award for Outstanding Graduate Student, Saint Louis University, 2016

3M Economic Educator Excellence Award, Minnesota Council on Economic Education, 2006

Coached the CEE Economics Challenge National Champions, 2006; Minnesota State Champions,
2002, 2004 - 2007

High School Social Studies Teacher of the Year, Minnesota Council for the Social Studies, 2006

Hibbing United Educators Teacher of the Year, 2006

NASDAQ National Teaching Awards, Midwest Regional Winner, Council on Economic Education, 2005

Innovative Economic Educator Award, Minnesota Council on Economic Education, 2003

CURRICULUM AWARDS

NAEE Curriculum Awards, Gold Award, 2023. *Monetary Policy Video Series*, 2023.

NAEE Curriculum Awards, Gold Award, 2023. *GDP and Pizza Video Series*, 2023.

NAEE Curriculum Awards, Gold Award, 2023. *Learning and Earning Digital Badges*, 2023.

NAEE Curriculum Awards, Gold Award, *Teaching the New Tools of Monetary Policy*, 2022

NAEE Curriculum Awards, Gold Award, *Long Run Equilibrium*, 2022

NAEE Curriculum Awards, Gold Award, *Using a Structured Minimum Wage Debate in the Classroom*, 2019

NAEE Curriculum Awards, Gold Award, *Using Page One Economics to Address Controversial Topics*, 2018

NAEE Curriculum Awards, Gold Award, *Making Personal Finance Decisions*, 2017

NAEE Curriculum Awards, Gold Award, *Page One: The Productivity Puzzle*, 2017

NAEE Curriculum Awards, Silver Award, *Production Possibilities Video*, 2017

EIFLE Award, Education Program of the Year, *Making Personal Finance Decisions*, 2017

NAEE Curriculum Awards, Gold Award, *The Great Inflation*, 2016

NAEE Curriculum Awards, Gold Award, *Page One Economics: The Gold Standard*, 2016

NAEE Curriculum Awards, Gold Award, *Supply and Demand Online Course*, 2015

NAEE Curriculum Awards, Gold Award, *The Free Silver Movement and Inflation*, 2015

NAEE Curriculum Awards, Gold Award, *The Arsenal of Democracy*, 2015

NAEE Curriculum Awards, Silver Award, *Circular Flow video*, 2015

AVA Digital Awards, Gold Award, *Circular Flow video*, 2014

PROFESSIONAL SERVICE AND LEADERSHIP

The Calvin K Kazanjian Economics Foundation, Board of Trustees, 2022 – present
Journal of Economics Teaching (JET) Advisory Board, 2022 – present
Research Information Services (RIS) Collaboration Team, Chair, 2021 – 2022
Social Studies Research and Practice, Advisory Board, 2020 – present
NAEE Executive Board, At Large Representative, 2020 – 2023
Federal Reserve System Economic Education Women in Economics Committee, Chair, 2019 – 2023.
Federal Reserve Economic Education Leads Committee, Chair, 2019 – 2020
Federal Reserve Economic Education Leads Committee, Vice-Chair, 2017 – 2018
THRIVE Federal Reserve System Leadership Initiative, 2017
Federal Reserve Economic Education Professional Development Committee, Co-Chair, 2016 – 2017
Federal Reserve System Economic Education Leads Committee, 2015 – 2022
Federal Reserve Economic Education Technology Committee, Chair, 2013 – 2014
Education Coordinator and Committee Chair, Federal Reserve Bank of St. Louis, 2012 – 2018
Council for Economic Education (CEE) Advisory Committee, 2012 – 2015
Federal Reserve Economic Education External Communications Committee, Chair, 2012

Referee, *Journal of Economic Education, Quarterly Review of Economics and Finance, Social Studies Research and Practice, The American Economist, Georgia Social Studies Journal*, National Council for the Social Studies (NCSS), College and University Faculty Assembly (CUFA), Council for Economic Education (CEE).