

Diego Méndez-Carbajo

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EDUCATION

- Ph.D. in Economics, Florida International University 2000
- M.A. in Economics, Florida International University 1998
- B.A. in Economics, Universidad Autónoma de Madrid, Spain 1994

EXPERIENCE

Federal Reserve Bank of St. Louis, MO.

- Senior Economic Education Specialist, Research Division 2019 – Present

University of Delaware, Newark, DE.

- Faculty, Online Master's in Business Administration Program 2023 – Present
- Adjunct, Department of Economics, Lerner College of Bus. & Econ. (summer) 2022
- Visiting Scholar, Center for Economic Education and Entrepreneurship 2018– Present
- Visiting Scholar, M.A. in Economics and Entrepreneurship for Educators 2016 – 2017

Illinois Wesleyan University, Bloomington, IL.

- Professor 2016 – 2019
- Associate Professor 2007 – 2016
- Assistant Professor 2001 – 2007
- Visiting Assistant Professor 2000

Federal Reserve Bank of St. Louis, MO.

- Visiting Scholar and Independent Contractor, Research Division 2016 – 2019

Macmillan Learning, New York City, NY.

- Independent Contractor, Subject Matter Expert 2018 – 2019

McGraw-Hill Education, Burr Ridge, IL.

- Independent Contractor, Subject Matter Expert 2017, 2021

Universidad Católica de Santo Domingo / Empírica, Dominican Republic.

- Visiting Associate Professor, M.A. Program in Applied Economics 2009, 2012

Central Bank of the Dominican Republic.

- Visiting Scholar, Economic Research Unit (spring) 2006
- Visiting Scholar, Economic Research Unit (summer) 2004

Florida Atlantic University, Boca Raton, FL.

- Instructor, Department of Economics 2000

Florida International University, Miami, FL.

- Instructor, Department of Economics

1998 – 2000

OTHER PROFESSIONAL ACTIVITIES AND HONORS

- Editor in Chief, *The American Economist*. 2024 – Present
- Associate Editor, *The American Economist*. 2018 – 2023
- Member, Editorial Board, *Advances in Economics Education*. 2022 – Present
- Member, Board, National Numeracy Network. 2022 – Present
- Chair, Research Committee, National Assoc. of Economic Educators. 2018 – 2023
- Credly's Credentialing Education Program 2022
- Research with Native American Communities Certification, Collaborative Institutional Training Initiative (CITI) 2022 – 2023
- Gold Curriculum Award, National Association of Economic Educators 2022
- Nominee for President's Award for System Leadership, Federal Reserve Bank of St. Louis 2020, '21, '22
- Bronze Curriculum Award, National Association of Economic Educators 2021
- Advanced Online Teaching Certification, Online Learning Consortium 2020
- Abbejean Kehler Technology Award, National Association of Economic Educators 2017
- Student Nominations for Professor of the Year Award, Illinois Wesleyan University 2013, 2014
- Phi Kappa Phi Honor Society, Illinois Wesleyan University Chapter 2012

RESEARCH INTERESTS

Applied Economics, Teaching and Learning, Open Macroeconomics.

JOURNAL ARTICLES AND BOOK CHAPTERS ON TEACHING AND LEARNING

- 2023 “Choice of Data Visualization Tool: FRED or Spreadsheets?” (with Alejandro Dellachiesa). *International Review of Economics Education* 44, November 2023, 100275. <https://doi.org/10.1016/j.iree.2023.100275>
- 2023 “Teaching Economics Using Primary Sources,” (with Stephen Day, Genevieve Podleski, and Scott Wolla). In *The Educator's Handbook for Teaching With Primary Sources* (pp. 175-189), Scott Waring (ed.). Teachers College Press. New York City, NY. October 2023. <https://www.tcpres.com/the-educator-s-handbook-for-teaching-with-primary-sources-9780807769089>
- 2023 “Diving into the Gap: Recognizing Gender Differences in an Online Learning Activity,” (with Cynthia Harter). *Eastern Economic Journal*, 50: 1, September 2023, 79-102. <https://doi.org/10.1057/s41302-023-00258-x>
- 2023 “Data Citations and Reproducibility in the Undergraduate Curriculum,” (with Alejandro Dellachiesa) *Harvard Data Science Review* 5:3, July 2023. <https://doi.org/10.1162/99608f92.c2835391>

- 2023 “The Effectiveness of Logical Distractors in an Online Module,” *Eastern Economic Journal* 49:1, January 2023, 15-30.
<https://doi.org/10.1057/s41302-022-00232-z>
- 2022 “Interest Rates and Costs of Lending and Borrowing: Teaching and Learning with FRED Data.” *Teaching Resources for Economics at Community Colleges* 5:2, September 2022.
https://d32ogoqmya1dw8.cloudfront.net/files/econ/2yc/trecc_sept_2022.pdf
- 2022 “Using FRED Data to Address Diversity and Inclusion in the Classroom,” *The American Economist*, 67:2, April 2022, 1-14.
<https://doi.org/10.1177/05694345221084893>
- 2022 “Twenty Years of Business and Economic Education Research: Ranking Analysis of the Journals,” (with Franklin Mixon). *Journal of Teaching in International Business*, 33:1, May 2022, 80-99.
<https://doi.org/10.1080/08975930.2022.2079042>
- 2021 “The Recovery from the COVID-19 Pandemic: Teaching and Learning with FRED Data.” *Teaching Resources for Economics at Community Colleges* 4:2, September 2021.
https://d32ogoqmya1dw8.cloudfront.net/files/econ/2yc/trecc_sept2020_1.pdf
- 2021 “Obstacles as Building Blocks: Font Disfluency and Performance on Economics Exams,” (with Franklin Mixon). *International Journal of Applied Behavioral Economics*, 10: 4, September 2021, 1-11.
<https://doi.org/10.4018/IJABE.2021100101>
- 2021 “Baseline Competency and Student Self-efficacy in Data Literacy: Evidence from an Online Module.” *Journal of Business & Finance Librarianship*, 25: 3-4, January 2021, 230-243.
<http://dx.doi.org/10.1080/08963568.2020.1847551>
- 2021 “Federal Reserve Economic Data: A History,” (with Genevieve Podleski). *The American Economist*, 66:1, March 2021, 61-73.
<https://doi.org/10.1177/0569434520973989>
- 2021 “Bringing Down the Walls in Business and Management Education: A Textual Analysis of Economic Education Articles,” (with Carlos Asarta). *Journal of Education for Business* 96:1, February 2020, 10-21.
<https://doi.org/10.1080/08832323.2020.1726268>
- 2020 “The Impact of the COVID-19 Pandemic: Teaching and Learning with FRED Data.” *Teaching Resources for Economics at Community Colleges* 3:2, September 2020.
https://d32ogoqmya1dw8.cloudfront.net/files/econ/2yc/trecc_sept2020_1.pdf
- 2020 “The Ultimatum Game in *The Dirty Dozen*.” In *War Movies and Economics: Lessons from Hollywood's Adaptations of Military Conflict* (pp. 36-42), Laura Ahlstrom and Franklin Mixon (editors). New York; NY: Routledge Economics and Popular Culture Series.
<https://doi.org/10.4324/9780429296628-4>
- 2020 “Active Learning with FRED Data.” *Journal of Economic Education* 51:1, February 2020, 87-94. <https://doi.org/10.1080/00220485.2019.1687377>

- 2020 “Flipping the Classroom with Econlowdown.org,” (with Lucy Malakar). *Journal of Economic Education* 51:1, February 2020, 95-102.
<https://doi.org/10.1080/00220485.2019.1687376>
- 2019 “Experiential and Service Learning through Local Data Projects,” (with Stephanie Davis-Kahl). *Scholarship and Practice of Undergraduate Research* 2: 4, 23-29. <https://doi.org/10.18833/spur/2/48>
- 2019 “Keeping It Real: Information Literacy, Numeracy, and Economic Data,” (with Charissa Jefferson and Katrina Stierholz). *Numeracy* 12:2, 1-16.
<https://doi.org/10.5038/1936-4660.12.2.5>
- 2019 “Keeping It Real: Teach ACRL Information Literacy Frames with FRED Data,” (with Charissa Jefferson and Katrina Stierholz). *Scholarship and Practice of Undergraduate Research* 2:4, July 2019, 43.
<https://doi.org/10.18833/spur/2/4/3>
- 2019 “Segmenting Education Content: Long-form vs. Short-form Online Learning Modules,” (with Scott Wolla). *American Journal of Distance Education* 33:2, April 2019, 108-119.
<https://doi.org/10.1080/08923647.2019.1583514>
- 2019 “One Small Spoonful at a Time: Long-form vs. Short-form Financial Education Online Learning Modules,” (with Scott Wolla). *Empirical Pedagogy* 32:4, January 2019, 401-415.
- 2019 “Experiential Learning in Macroeconomics through FREDcast,” *International Review of Economics Education* 30:1, 100137, January 2019. <https://doi.org/10.1016/j.iree.2018.05.004>
- 2018 “Can Economic Education Improve Entry-Level Math Skills?” (with Franklin Mixon and Carlos Asarta). *Perspectives on Economic Education Research* 11:1, November 2018, 19-40.
<http://cobhomepages.cob.isu.edu/peer/links/volumes/11.1/Carbajo.pdf>
- 2018 “Active Learning with Data.” *Teaching Resources for Economics at Community Colleges* 2:2, September 2018, 2.
https://d32ogoqmya1dw8.cloudfront.net/files/econ/2yc/newsletter_sept_2018.pdf
- 2018 “FREDcast: Economic Forecasting Game,” (with Mary Suiter). *Journal of Economic Education* 49:3, July 2018, 296.
<https://doi.org/10.1080/00220485.2018.1464988>
- 2017 “Building a Taylor Rule Using FRED,” (with Keith Taylor and Mark Bayles). *Journal of Economics Teaching* 2:1, June 2017, 14-29.
<http://downloads.journalofeconomicsteaching.org/2/1/1-2.pdf>
- 2017 “Using FRED Data to Teach Price Elasticity of Demand,” (with Carlos Asarta). *Journal of Economic Education* 48:3, May 2017, 176-185.
<http://dx.doi.org/10.1080/00220485.2017.1320607>
- 2016 “Quantitative Reasoning and Information Literacy in Economics.” In *Information Literacy: Research and Collaboration across Disciplines* (pp. 305-322), Barbara D’Angelo, Sandra Jamieson, Barry Maid, and Janice R. Walker (editors). Perspectives on Writing. Fort Collins, Colorado: WAC Clearinghouse and University of Colorado Press.
<https://doi.org/10.37514/PER-B.2016.0834.2.15>

- 2015 “Data Visualization and the Online FRED Database.” *Journal of Economic Education* 46:4, September 2015, 420-429.
<https://doi.org/10.1080/00220485.2015.1071222>
- 2013 “Quantitative Analysis of City-Wide Trends.” *Chalk: Teaching and Faculty Development* 2:3, Spring 2013, 19-21.
<https://issuu.com/wittenberguniversity/docs/chalkspring2013mallaisssuefinal>

JOURNAL ARTICLES AND BOOK CHAPTERS ON APPLIED ECONOMICS

- 2011 “Economic Growth, Government Expenditure and Income: The Case of Museums and Libraries in England” (with Javier Stanziola.) *Cultural Trends* 20:3-4, December 2011, 243-56. <https://doi.org/10.1080/09548963.2011.589704>
- 2011 “Energy Dependence, Oil Prices and Exchange Rates: the Dominican Economy Since 1990.” *Empirical Economics* 40:2, April 2011, 509-20.
<https://doi.org/10.1007/s00181-010-0340-4>
- 2008 “Inflation Dynamics and the Cross-Sectional Distribution of Prices in the E.U. Periphery,” (with Dimitrios Thomakos and Constantina Kottaridi.) In Takashi Kamihigashi and Laixun Zhao (eds.) *International Trade and Economic Dynamics --Essays in Memory of Koji Shimomura*, September 2008, 443-69.
https://doi.org/10.1007/978-3-540-78676-4_30
- 2008 “Patterns of Inequality in Private Funding of Culture Across the UK” (with Javier Stanziola.) *Cultural Trends* 17:3, September 2008, 1-15.
<https://doi.org/10.1080/09548960802362009>
- 2004 “Relative-Price Changes and Inflation: Evidence from Spain,” (with Dimitrios Thomakos.) *Banco Central de la República Dominicana, Documento de Trabajo* 2004/11.
- 2004 “Economic (Dis)integration in the Presence of Evolutionary Learning,” (with Ali C. Karayalcin and Devashish Mitra.) *Journal of Evolutionary Economics* 14:4, October 2004, 463-81. <https://doi.org/10.1007/s00191-004-0219-7>
- 2004 “Economic (Dis)integration in the Presence of Evolutionary Learning,” (with Ali C. Karayalcin and Devashish Mitra.) *Banco Central de la República Dominicana, Documento de Trabajo* 2004/07.
- 2004 “Goizueta, Roberto” and “Holtz, Abel.” In *Historical Encyclopedia of Cuba*, edited by Manuel Moreno Fraginals and Teresita Pedraza-Moreno. ABC-CLIO, Santa Barbara, CA, February 2004.
- 2003 “Economic Integration, Market Discipline and Productivity Growth in Spain,” (with Dimitrios Thomakos.) *Journal of International Trade and Economic Development* 12:4, December 2003, 359-75.
<https://doi.org/10.1080/0963819032000154801>
- 1998 “El Comercio Exterior del Magreb,” (with A. V. Lorca) In *Las Economías del Magreb: Opciones para el Siglo XXI*, Pirámide Economía XXI, Madrid, Spain, 1998, pp. 85-112.
- 1998 “La Fragmentación del Mundo Árabe,” (with A. V. Lorca) In *Las Economías del Magreb: Opciones para el Siglo XXI*, Pirámide Economía XXI, Madrid, Spain, 1998, pp. 193-217.

- 1997 “El Magreb Como Frontera Sur de la Unión Europea,” (with A. V. Lorca) In *The European Union At The Dawn of a New Century*, Euroius, Madrid, 1997, pp. 535-549.
- 1997 “Análisis de la Balanza Comercial del Norte de Africa,” (with A. V. Lorca,) *Centro Internacional Carlos V, Documento de Trabajo n. 39*, Universidad Autónoma de Madrid, Madrid, Spain, 1997.

EDUCATIONAL PUBLICATIONS

- 2021- Present FRED Blog Reading Questions & Answers (57): In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO.
- 2019- Present FRED Blog posts (+130): Federal Reserve Bank of St. Louis, MO. <https://fredblog.stlouisfed.org/>
- 2024 “Page One – Data Primer: Data Releases with FRED.” Federal Reserve Bank of St. Louis, MO. TBA
- 2024 “Page One – Data Primer: Data Seasonality with FRED.” Federal Reserve Bank of St. Louis, MO. TBA
- 2023 “Page One – Data Primer: Data Geographies with FRED.” Federal Reserve Bank of St. Louis, MO. June 2023. <https://research.stlouisfed.org/publications/page1-econ/2023/06/01/data-geographies-with-fred>
- 2023 “Page One: Adjusting for Inflation.” Federal Reserve Bank of St. Louis, MO. January 2023. <https://research.stlouisfed.org/publications/page1-econ/2023/01/03/adjusting-for-inflation>
- 2022 “Page One: Income and Wealth Inequality.” Federal Reserve Bank of St. Louis, MO. January 2022. <https://research.stlouisfed.org/publications/page1-econ/2022/09/01/income-and-wealth-inequality>
- 2022 “Page One – Data Primer: Data Revisions with FRED.” Federal Reserve Bank of St. Louis, MO. August 2022. <https://research.stlouisfed.org/publications/page1-econ/2022/08/01/data-revisions-with-fred>
- 2022 “FRED Interactive: The COVID-19 Recession.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. February 2022.
- 2022 “FRED Interactive: Interpreting Units.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. February 2022.
- 2022 “Page One: Gender and Labor Markets.” Federal Reserve Bank of St. Louis, MO. January 2022. <https://research.stlouisfed.org/publications/page1-econ/2022/01/03/gender-and-labor-markets>
- 2021 “FRED Interactive: Adjusting for Inflation.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. October 2021.
- 2021 “FRED Interactive: Seasonality.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. October 2021.
- 2021 “Page One – Data Primer: Ethical Use of Data with FRED.” Federal Reserve Bank of St. Louis, MO. October 2020. <https://research.stlouisfed.org/publications/page1-econ/2021/10/15/ethical-use-of-data-with-fred>

- 2021 “Lesson Plan: Neighborhood Redlining and Homeownership.” Federal Reserve Bank of St. Louis, MO. September 2021.
<https://www.stlouisfed.org/education/neighborhood-redlining-and-homeownership>
- 2021 “Page One: Neighborhood Redlining, Racial Segregation, and Homeownership.” Federal Reserve Bank of St. Louis, MO. September 2021.
<https://research.stlouisfed.org/publications/page1-econ/2021/09/01/neighborhood-redlining-racial-segregation-and-homeownership>
- 2021 “FRED Interactive: Data Citations.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. May 2021.
- 2021 “Page One: Consumer Spending and the COVID-19 Pandemic.” Federal Reserve Bank of St. Louis, MO. January 2021.
<https://research.stlouisfed.org/publications/page1-econ/2021/01/04/consumer-spending-and-the-covid-19-pandemic>
- 2020 “Economic Synopses: Renewable sources of electricity: Where excess capacity is built-in.” Federal Reserve Bank of St. Louis, MO. October 2020.
<https://doi.org/10.20955/es.2020.42>
- 2020 “Page One – Data Primer: Data Citations with FRED.” Federal Reserve Bank of St. Louis, MO. October 2020. <https://www.stlouisfed.org/education/page-one-economics-classroom-edition/data-citations-with-fred>
- 2020 “Lesson Plan: The Composition Effect.” Federal Reserve Bank of St. Louis, MO. October 2020. <https://www.stlouisfed.org/education/the-composition-effect>
- 2020 “Page One – Data Primer: Measuring Financial and Economic Risk with FRED.” Federal Reserve Bank of St. Louis, MO. September 2020.
<https://www.stlouisfed.org/education/page-one-economics-classroom-edition/measuring-financial-and-economic-risk>
- 2020 “FRED Interactive: Data Citations.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. October 2020.
- 2020 “Economic Synopses: How Recessions Have Affected Household Net Worth, 1990-2017: Uneven Experiences by Wealth Quantile.” Federal Reserve Bank of St. Louis, MO. August 2020. <https://doi.org/10.20955/es.2020.38>
- 2020 “Page One: Temporary Open Market Operations and Large-Scale Asset Purchases.” Federal Reserve Bank of St. Louis, MO. July 2020.
<https://research.stlouisfed.org/publications/page1-econ/2020/07/01/temporary-open-market-operations-and-large-scale-asset-purchases>
- 2020 “FRED Interactive: FREDcasting Real GDP.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. May 2020.
- 2020 “FRED Interactive: FREDcasting Unemployment Rate.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. May 2020.
- 2020 “FRED Interactive: FREDcasting Payroll Employment.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. May 2020.
- 2020 “FRED Interactive: FREDcasting Consumer Price Index.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. May 2020.
- 2020 “FRED Interactive: Index Numbers.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. March 2020.

- 2020 “FRED Interactive: Doing Basic Math.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. March 2020.
- 2020 “FRED Interactive: Mind the Units.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. March 2020.
- 2019 “Page One: Should We Fear the Inverted Yield Curve?” Federal Reserve Bank of St. Louis, MO. November 2019. <https://research.stlouisfed.org/publications/page1-econ/2019/11/29/should-we-fear-the-inverted-yield-curve>
- 2019 “FRED Interactive: The Great Recession.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. February 2019.
- 2019 “FRED Interactive: Real GDP per capita.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. February 2019.
- 2019 “FRED Interactive: 7 Activities in 7 Minutes.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. February 2019.
- 2018 “Demonstrating the Distribution of Innovation and Entrepreneurship Using Patent Data and a Mapping Tool: GeoFRED Marks the Spot,” (with Charissa Jefferson and Katrina Stierholz), Federal Reserve Bank of St. Louis, MO. October 2018. <https://www.stlouisfed.org/education/distribution-of-innovation>
- 2018 “Keeping it Real: Teach ACRL Information Literacy Frames with FRED Data,” (with Charissa Jefferson and Katrina Stierholz), Federal Reserve Bank of St. Louis, MO. February 2018. <https://www.stlouisfed.org/education/keeping-it-real>
- 2018 “Connect Master: Economics by Asarta/Butters – Instructors’ Manual.” (edited by David Switzer). McGraw Hill Education, Burr Ridge, IL. March 2018.
- 2017 “FRED Interactive: Information Literacy.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. October 2017.
- 2016 “FRED Interactive: Nominal and Real Wages.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. December 2016.
- 2016 “FRED Interactive: Comparative Advantage.” In *econlowdown.org*, Federal Reserve Bank of St. Louis, MO. December 2016.
- 2015 “Connect Master: Economics by Asarta/Butters – Instructors’ Manual.” (edited by David Switzer). McGraw Hill Education, Burr Ridge, IL. August 2015.
- 2015 “Taylor Rule.” In *Pedagogy in Action*, the Science Education Resource Center (SERC) Portal for Educators at Carleton College. January 2015. <http://serc.carleton.edu/sp/library/FRED/examples/97477.html>
- 2014 “Corporate Risk Premium.” In *Pedagogy in Action*, the Science Education Resource Center (SERC) Portal for Educators at Carleton College. June 2014. <http://serc.carleton.edu/sp/library/FRED/examples/84601.html>
- 2014 “Inflation Expectations.” In *Pedagogy in Action*, the Science Education Resource Center (SERC) Portal for Educators at Carleton College. June 2014. <http://serc.carleton.edu/sp/library/FRED/examples/84598.html>
- 2014 “Sovereign Debt Risk Premium.” In *Pedagogy in Action*, the Science Education Resource Center (SERC) Portal for Educators at Carleton College. June 2014. <http://serc.carleton.edu/sp/library/FRED/examples/84595.html>

- 2014 “The Interest Rate Swap Spread.” In *Pedagogy in Action*, the Science Education Resource Center (SERC) Portal for Educators at Carleton College. June 2014.
<http://serc.carleton.edu/sp/library/FRED/examples/84592.html>
- 2014 “Nominal and Real Interest Rates.” In *Pedagogy in Action*, the Science Education Resource Center (SERC) Portal for Educators at Carleton College. June 2014.
<http://serc.carleton.edu/sp/library/FRED/examples/84589.html>
- 2013 “Purchasing Power Parity.” In *Pedagogy in Action*, the Science Education Resource Center (SERC) Portal for Educators at Carleton College. August 2013.
<http://serc.carleton.edu/sp/library/FRED/examples/73505.html>
- 2006 “Macroeconomics by Paul Krugman and Robin Wells – Testbank” (edited by Rosemary Cunningham). Worth, New York, NY. January 2006.
- 2005 “Macroeconomics: Principles and Tools by Arthur O’Sullivan and Steven Sheffrin 4/e – Testbank.” Prentice Hall, Upper Saddle River, NJ. March 2005.
- 2001 “Foundations of Macroeconomics by Robin Bade and Michael Parkin - Testbank” (edited by Nora Underwood and Mark Rush.) Addison Wesley Longman, Reading, MA. July 2001.
- 2000 “Economics Today 2nd Ed. by Roger L. Miller – Online Testbank” (co-editor). Addison Wesley Longman, Reading, MA. July 2000.

REFEREE

Southern Journal of Economics; The Internet and Higher Education; Journal of Economic Education; International Review of Economic Education; Numeracy; The American Economist; Perspectives on Economic Education Research; Empirical Pedagogy; Education and Information Technologies; SAGE Open; Journal of Experiential Education; Electronic Commerce Research; Applied Economics Series; Empirical Economics; Theory and Decision; Housing Policy Debate; Journal of Arts Management, Law and Society; Economics & Politics; International Regional Science Review; Journal of Financial Economic Policy

OUTREACH TO MEDIA AND PROFESSIONAL ORGANIZATIONS

- 2024 Axios, February.
 Wall Street Journal Marketwatch, February.
 U.S. Senate Banking Committee, February.
 University of Chicago, Becker-Friedman Institute, June.
 National Conference of State Legislators, October.
 Federal Reserve Bank of St. Chicago, October.
- 2023 The Washington Post, February.
 National Public Radio Marketplace, February.
 U.S. Congressional Aids and Research Service, February.
 Bureau of Economic Analysis, February.
 Northeast Economic Data Science Librarians, April.
 Colorado Department of Labor and Employment, May.
 Carnegie Mellon University, Delphi Group, June.
 Federal Reserve Bank of St. Chicago, July.
 National Conference of State Legislators, September.

- Wall Street Journal, October.
 Politico, October.
 U.S. Congressional Aids and Research Service, October.
 U.S. Joint Economic Committee, October.
 U.S. Government Accountability Office, October.
- 2022 University of Missouri, School of Journalism, February.
 Virginia Association of Economists, April.
 Federal Reserve Bank of Chicago, May.
 Association of College and Research Libraries, June.
 National Association of Hispanic Journalists, September.
 Special Libraries Association, October.
 Federal Reserve System, Economic Educators, November.

PEER-REVIEWED AND INVITED WORKSHOPS

- 2023 “FRED Data Practitioner Micro-Credential,” AUBER 2024 conference, Boise, ID. October 2024.
- 2024 “Storytelling with FRED,” 2024 Annual Conference and Exposition, National Association of Hispanic Journalists (NAHJ), Los Angeles, CA. July 2024.
- 2024 “Bring FRED into the Classroom,” 99th Annual Conference, Western Economic Association International (WEAI), Seattle, WA. July 2024.
- 2024 “FRED Data Practitioner Micro-Credential,” 2024 C2ER Annual Conference and LMI Institute Forum, Norfolk, VA. June 2024.
- 2024 “Teaching and Learning with FRED,” 13th American Economic Association (CTREE) Pre-Conference and Conference on Teaching and Research in Economic Education, Atlanta, GA. May 2024.
- 2023 “Discoveries with Data: Bringing Data Tools to Social Studies Classrooms,” 103rd Annual Conference National Council for Social Studies (NCSS), Nashville, TN. December 2023.
- 2023 “Data Literacy for Librarians Micro-Credential,” 2023 Beyond the Numbers Conference, Federal Reserve Bank of St. Louis, St. Louis, MO. November 2023.
- 2023 “FRED Data Practitioner Micro-Credential,” AUBER 2023 conference, San Antonio, TX. October 2023.
- 2023 “Storytelling with FRED Graphs: CES Data at Your Fingertips,” Consumer Expenditure Survey, Annual Workshop (online). July 2023.
- 2023 “Bring FRED into the Classroom,” 98th Annual Conference, Western Economic Association International (WEAI), San Diego, CA. July 2023.
- 2023 “FRED Data Practitioner Micro-Credential,” 2023 C2ER Annual Conference and LMI Institute Forum, Detroit, MI. June 2023.
- 2023 “Teaching and Learning with FRED,” 12th American Economic Association (CTREE) Pre-Conference and Conference on Teaching and Research in Economic Education, Portland, OR. May and June 2023.
- 2023 “FRED: Active Learning with Data in the Hybrid Classroom,” 2023 Annual Meeting Midwest Economic Association (MEA), Cleveland, OH. April 2023.

- 2022 “FRED for Business Journalists,” Federal Reserve Bank of St. Louis, MO. October 2022.
- 2022 “Storytelling with FRED Data: A Mini Workshop,” AUBER Fall 2022 conference, Pensacola, FL. October 2022.
- 2022 “Active Learning with Data in the Classroom,” 59th Annual Meeting Missouri Valley Economic Association (MVEA), St Louis, MO. October 2022.
- 2022 “Level Up Your Economic Reporting with FRED,” National Association of Hispanic Journalists, (online). September 2022.
- 2022 “Storytelling with FRED Data,” 2022 C2ER Annual Conference and LMI Institute Forum, (online). June 2022.
- 2022 “FRED: Active Learning with Data in the Hybrid Classroom,” 11th American Economic Association (CTREE) Pre-Conference and Conference on Teaching and Research in Economic Education, Chicago, IL. June 2022.
- 2022 “Storytelling with FRED Data: A Mini Workshop,” AUBER Spring 2022 conference, Boulder, CO. February 2022.
- 2021 “FRED: Active Learning with Data,” 91st Annual Meeting Southern Economic Association (SEA), (online). November 2021.
- 2021 “Using FRED® Data to Address Diversity and Inclusion,” 17th Annual Economics Teaching Conference (Cengage), (online). October 2021.
- 2021 “Using FRED® Data to Address Diversity and Inclusion,” University of Connecticut Early College Experience (ECE) Program, (online). October 2021.
- 2021 “Active Learning with Data in an Online Classroom,” 58th Annual Meeting Missouri Valley Economic Association (MVEA), (online). October 2021.
- 2021 “Active Learning with FRED: An Eyes-on Workshop,” 95th Annual Conference, Western Economic Association International (WEAI), (online). June 2021.
- 2021 “Teaching with FRED,” M.A. in Economics and Entrepreneurship for Educators (MAEEE), (online) University of Delaware Newark, DE. June 2021.
- 2021 “Teaching Reproducible Research in the Classroom,” 10th American Economic Association (CTREE) Pre-Conference and Conference on Teaching and Research in Economic Education, (online). May-June 2021.
- 2021 “FRED: Active Learning with Data and Remote Learning,” 10th American Economic Association (CTREE) Pre-Conference and Conference on Teaching and Research in Economic Education, (online). May-June 2021.
- 2020 “Active Learning with GeoFRED Data,” 100th Annual Conference National Council for Social Studies (NCSS), (online). December 2020.
- 2020 “FRED: Active Learning with Data,” 90th Annual Meeting Southern Economic Association (SEA), (online). November 2020.
- 2020 “Teaching with FRED Data,” A+ Education Partnership and Federal Reserve Bank of Atlanta, (online). November 2020.
- 2020 “Teaching Unemployment with FRED Data,” University of Delaware Center for Economic Education, (online). October 2020.
- 2020 “FRED Interactives,” University of Connecticut Early College Experience (ECE) Program, (online). October 2020.

- 2020 “FRED: Active Learning with Data & Remote Learning,” 16th Annual Economics Teaching Conference (Cengage), (online). October 2020.
- 2020 “Active Learning with Data in an Online Classroom,” 57th Annual Meeting Missouri Valley Economic Association (MVEA), (online). October 2020.
- 2020 “Use FRED to Teach Community College Economics,” Federal Reserve Bank of St. Louis (online). June and August 2020.
- 2020 “Active Learning with FREDcast: An Eyes-on Workshop,” 94rd Annual Conference, Western Economic Association International (WEAI), (online). June 2020.
- 2020 “Teaching Remotely with FRED Workshop,” University of Delaware Center for Economic Education, (online). April 2020.
- 2020 “Remote Learning with FRED Workshop,” James Madison University Center for Economic Education, (online). April 2020.
- 2020 “Hands-on Teaching with FRED: A Partners in Quantitative Literacy Webinar for Love Data Week,” Inter-university Consortium for Political and Social Research (ICPSR), (online). February 2020.
- 2019 “FREDcast for the Classroom,” 89th Annual Meeting Southern Economic Association (SEA), Fort Lauderdale, FL. November 2019.
- 2019 “FREDcast for the Classroom,” Federal Reserve Bank of St. Louis 17th Professors Conference, St. Louis, MO. November 2019.
- 2019 “FREDcast for the Classroom,” 56th Annual Meeting Missouri Valley Economic Association (MVEA), Kansas City, MO. October 2019.
- 2019 “Teaching and Learning with FRED,” 2019 Annual Conference of the New York State Economic Association (NYSEA), Rochester, NY. September 2019.
- 2019 “FREDcast for the Classroom,” 2019 Annual Meeting of the Ohio Association of Economists and Political Scientists (OAEPS), Cleveland, OH. September 2019.
- 2019 “FRED for Business Journalists,” Federal Reserve Bank of St. Louis, MO. September 2019.
- 2019 “FRED for All,” 2019 Advanced Placement Conference, Federal Reserve Bank of St. Louis, MO. July 2019.
- 2019 “Teaching with Econlowdown and FRED,” M.A. in Economics and Entrepreneurship for Educators (MAEEE), University of Delaware Newark, DE. July 2019.
- 2019 “Working with Data,” 2nd Annual Federal Reserve Institute in San Diego, San Diego, CA. June 2019.
- 2019 “Storytelling with FRED,” 2019 C2ER Annual Conference and LMI Institute Forum, St. Louis, MO. June 2019.
- 2019 “FRED in the Intermediate and Advanced Classroom,” 9th American Economic Association (CTREE) Pre-Conference and Conference on Teaching and Research in Economic Education, St. Louis, MO. May 2019.
- 2019 “FRED and Econ Ed at the St. Louis Fed,” Federal Reserve Bank of St. Louis, MO. May 2019.

- 2019 “Data Visualization Workshop— Using FRED to Teach Monetary Policy and Basic Macro Topics,” 2019 Annual Meeting Midwest Economic Association (MEA), St. Louis, MO. March 2019.
- 2019 “Using FRED Data in the Classroom,” 30th Annual Teaching Economics Conference, Robert Morris University, Pittsburgh, PA. February 2019.
- 2018 “FRED: Active Learning with Data,” 88th Annual Meeting Southern Economic Association (SEA), Washington, D.C. November 2018.
- 2018 “Creating Data Literacy Lesson Plans,” 2018 Beyond the Numbers Conference, Federal Reserve Bank of St. Louis, St. Louis, MO. November 2018.
- 2018 “Learning Data Science at the Library: Lesson Plans on Data Literacy Skills,” 2018 National Numeracy Conference, Michigan State University, East Lansing, MI. October 2018.
- 2018 “Maps and Graphs and Forecasts, Oh My!” University of Arizona, Tucson, AZ. September 2018.
- 2018 “Using FRED in an Advanced Economics Course,” Federal Reserve Bank of Atlanta –Birmingham Branch, Birmingham, AL. September 2018.
- 2018 “FRED: Active Learning with Data – A Hands-on Workshop,” 93rd Annual Conference, Western Economic Association International (WEAI), Vancouver, BC. June 2018.
- 2018 “FRED in the Classroom,” 8th American Economic Association (CTREE) Pre-Conference and Conference on Teaching and Research in Economic Education, San Antonio, TX. June 2018.
- 2018 “FRED in the Classroom,” 23rd Annual Economics Teaching Workshop, University of Kentucky, Pre-Conference. Lexington, KY. April 2018.
- 2018 “Workshop on FRED,” 2018 Annual Meeting Midwest Economic Association (MEA), Evanston, IL. March 2018.
- 2018 “Teaching with FRED,” Professional Development Workshop, Federal Reserve Bank of Atlanta, Atlanta, GA. March 2018.
- 2018 “Active Learning with Data,” 38th Professional Development Conference, National Association of Economic Educators (NAEE), Los Angeles, CA. February 2018
- 2017 “Active Learning with Data,” Santa Monica College, CA (September); LaGuardia Community College, NY (October); Lorain County Community College, OH (November) 2017.
- 2017 “Active Learning with FRED Data,” 54th Annual Meeting Missouri Valley Economic Association (MVEA), Kansas City, MO. October 2017.
- 2017 “Teaching with FRED,” M.A. in Economics and Entrepreneurship for Educators (MAEEE), University of Delaware Newark, DE. June 2017.
- 2017 “FRED in the Classroom,” 7th American Economic Association (CTREE) Pre-Conference and Conference on Teaching and Research in Economic Education, Denver, CO. June 2017.
- 2016 “Workshop on FRED,” 53rd Annual Meeting Missouri Valley Economic Association (MVEA), St. Louis, MO. October 2016.

- 2016 “Teaching with Data: FRED Interactives Preview,” 2016 Beyond the Numbers Conference at St. Louis Federal Reserve Bank, St. Louis, MO. October 2016.
- 2016 “Teach With FRED Dashboards,” 2016 EconED Conference, Fort Lauderdale, FL. September 2016.
- 2016 “Bringing Data into the Classroom,” M.A. in Economics and Entrepreneurship for Educators (MAEEE), University of Delaware Newark, DE. June 2016.
- 2016 “FRED in the Classroom,” 6th American Economic Association (CTREE) Pre-Conference and Conference on Teaching and Research in Economic Education, Atlanta, GA. June 2016.
- 2016 “Digital Humanities and the Flipped Pedagogy,” sponsored by the Re-Centering the Humanities Mellon Foundation Grant at Illinois Wesleyan University, Bloomington, IL. February 2016
- 2015 “FRED in the Classroom,” 5th American Economic Association (CTREE) Conference on Teaching and Research in Economic Education, Minneapolis, MN. May 2015.
- 2015 “Teaching with FRED,” Illinois State University and Federal Reserve Bank of St. Louis Symposium, Normal, IL. May 2015.
- 2014 “Quantitative Reasoning in the Social Sciences,” National Numeracy Network (NNN) 2014 Annual Meeting at Carleton College, Northfield, MN. October 2014.
- 2014 “Data in the Undergraduate Economics Curriculum: Old and New Practices,” 2014 Beyond the Numbers Conference at St. Louis Federal Reserve Bank, St. Louis, MO. September 2014.
- 2014 “Free Google Drive-based Mind Maps and Moodle,” 2014 Collaborative Liberal Arts Moodle Project (CLAMP) Conference at Macalester College, St. Paul, MN. June 2014.
- 2013 “Writing About Numbers,” sponsored by the Writing/Information Literacy Mellon Foundation Grant at Illinois Wesleyan University, Bloomington, IL. January 2013

CONFERENCE AND INVITED SEMINAR PRESENTATIONS

- 2024 “Data Literacy and Micro-Credentials,” 2024 System Learning Conference, Federal Reserve System, St. Louis, MO. October 2024.
- 2024 “Teaching with FRED and Active-Learning Strategies in Introductory Economics Courses,” 13th American Economic Association (CTREE) Conference on Teaching and Research in Economic Education, Atlanta, GA. May 2024.
- 2024 “A Survey of Teaching Methods and Economics Curriculum Alignment in Social Studies Courses,” 13th American Economic Association (CTREE) Conference on Teaching and Research in Economic Education, Atlanta, GA. May 2024.
- 2024 “Recognizing Diversity in Data: A Micro-Credential,” 2024 STL DataFest, Washington University, St. Louis, MA. May 2024.
- 2024 “Financial Education and its Effectiveness,” 2024 Cherry Blossom Financial Education Institute, Stanford University, Palo Alto, CA. April 2024.
- 2024 “Recognizing Diversity in Data Micro-Credential,” 2024 Southeastern-Massachusetts Quantitative Engagement and Literacy (SeQEL) Conference, (online). March 2024.

- 2024 “Using FRED® Data in the Economics Classroom,” 35th Annual Teaching Economics Conference, Robert Morris University (online). February 2024.
- 2024 “Diving into the Gap: Gender Differences in an Online Learning Activity,” 2024 Sadie TM Alexander Conference for Economics and Related Fields, Washington, D.C. February 2024.
- 2024 “A Survey of Teaching and Assessment Methods in Advanced Placement Economics Courses,” 2023 Allied Social Sciences Associations - American Economic Association (ASSA-AEA) Conference, San Antonio, TX. January 2024.
- 2023 “Data Citations and Reproducibility in the Undergraduate Curriculum,” Federal Reserve Bank of St. Louis Beyond the Numbers Conference, St. Louis, MO. November 2023.
- 2023 “What’s New with FRED® and Friends?” Federal Reserve Bank of St. Louis 21st Professors Conference, St. Louis, MO. November 2023.
- 2023 “Recognizing Diversity in Data Micro-Credential,” 2023 Data Village Conference, Federal Reserve System (online). October 2023.
- 2023 “A Survey of Teaching and Assessment Methods in Advanced Placement Economics Courses,” 12th American Economic Association (CTREE) Conference on Teaching and Research in Economic Education, Portland, OR. June 2023.
- 2023 “Using FRED® Data to Address Diversity and Inclusion,” 2023 Southeastern-Massachusetts Quantitative Engagement and Literacy (SeQEL) Conference, (online). March 2023.
- 2023 “Using FRED® Data to Address Diversity and Inclusion,” 2023 Cengage Economics Teaching Conference, Atlanta, GA. March 2023.
- 2023 “Research from the St. Louis Fed to Improve Economic Education,” 43rd Professional Development Conference, National Association of Economic Educators (NAEE), St. Louis, MO. March 2023
- 2023 “Using FRED® Data to Address Diversity and Inclusion,” 49th Annual Conference Eastern Economic Association, New York City, NY. February 2023.
- 2023 “Using FRED® Data to Address Diversity and Inclusion in the Classroom,” 34th Annual Teaching Economics Conference, Robert Morris University (online). February 2023.
- 2023 “Using FRED® Data to Address Diversity and Inclusion in the Classroom,” 2023 Allied Social Sciences Associations - American Economic Association (ASSA-AEA) Conference, New Orleans, LA. January 2023.
- 2022 “Should Teaching Reproducibility Be Part of the Undergraduate Curriculum?” 92nd Annual Meeting Southern Economic Association (SEA), Fort Lauderdale, FL. November 2022.
- 2022 “Data Literacy Badges,” Federal Reserve Bank of St. Louis Beyond the Numbers Conference, St. Louis, MO. November 2022.
- 2022 “Using FRED Data to Teach about Redlining,” Federal Reserve Bank of St. Louis 20th Professors Conference, St. Louis, MO. November 2022.
- 2022 “Micro-Credentials in Economic Data,” Special Libraries Association (online). October 2022.

- 2022 “Identifying Gender Bias in an Active Learning Activity,” 2022 National Numeracy Conference, Albuquerque, NM. October 2022.
- 2022 “A Pilot Program on Economic Data Literacy for Librarians,” 2022 Data Village Conference, Federal Reserve System (online). October 2022.
- 2022 “Data Bytes: FRED,” Oklahoma State University webinar, (online). October 2022.
- 2022 “Gender Differences in the Work of Leading Authors in Economic Education Scholarship,” Council for Economic Education (CEE) 61st Annual Financial Literacy and Economic Education Conference, Chantilly, VA. September 2022.
- 2022 “Teaching Economics Using Primary Sources,” Council for Economic Education (CEE) 61st Annual Financial Literacy and Economic Education Conference, Chantilly, VA. September 2022.
- 2022 “Storytelling with FRED Data: A Skills-based Approach Around Micro-credentials,” National Numeracy webinar, (online). August 2022.
- 2022 “Choice of Data Visualization Tool: FRED or Spreadsheets?” 11th American Economic Association (CTREE) Conference on Teaching and Research in Economic Education, Chicago, IL. June 2022.
- 2022 “Active Learning in Economics with FRED Data: Evidence from an Online Module,” International Society for Technology in Education, (online). June 2022.
- 2022 “Why and How to Teach Students to Tell Economics Stories with Data,” (panel) 3rd Annual TeachECONference, (online). June 2022.
- 2022 “Micro-credentials in Economic Data Literacy and FRED: A Professional Development Badge for Librarians,” Association of College and Research Libraries, Micro-credentials interest group, (online). June 2022.
- 2022 “Teaching and Learning with FRED,” Federal Reserve Bank of Chicago, Chicago, IL. May 2022.
- 2022 “Teaching and Learning with FRED,” 2022 Virginia Association of Economists Annual Meeting, (online). March 2022.
- 2022 “Developing Data Literacy Competencies: A Pilot Program for Librarians,” 2022 National Numeracy Conference, (online). February 2022.
- 2022 “Using FRED Data to Teach About Residential Redlining,” 42nd Professional Development Conference, National Association of Economic Educators (NAEE) (online). February 2022
- 2022 “Highlighting Diversity and Inclusion with FRED Data,” 33th Annual Teaching Economics Conference, Robert Morris University (online). February 2022.
- 2022 “Choice of Data Visualization Tool: FRED or Spreadsheets?” 2022 Allied Social Sciences Associations - American Economic Association (ASSA-AEA) Conference, (online). January 2022.
- 2022 “Updating Teaching and Learning Methods,” (panel moderator) 2022 Allied Social Sciences Associations - American Economic Association (ASSA-AEA) Conference, (online). January 2022.
- 2021 “Data Provenance and Replicability: Evidence from a Short Assignment,” 91st Annual Meeting Southern Economic Association (SEA), (online). November 2021.

- 2021 “Data Literacy and Badges,” Federal Reserve Bank of St. Louis Biennial Beyond the Numbers conference, (online). November 2021.
- 2021 “Using FRED Teach Hybrid Courses,” Federal Reserve Bank of St. Louis 19th Professors Conference, (online). November 2021.
- 2021 “Active Learning with FRED Data,” 2021 Open Education Conference, (online). October 2021.
- 2021 “Leveraging FRED® Data to Address Diversity and Inclusion,” 2021 Annual Conference of the New York State Economic Association (NYSEA), (online). October 2021.
- 2021 “Leveraging the FRED Blog for Economic Education,” 2021 Data Village Conference, Federal Reserve System (online). October 2021.
- 2021 “The Interplay Between Data Literacy and Numeracy: Evidence from an Online Economics Module,” Council for Economic Education (CEE) 59th Annual Financial Literacy and Economic Education Conference, (online). September 2021.
- 2021 “Discover the Research Skills You Already Have for Quantitative Data Research,” SAGE Publishing, (online). September 2021.
- 2021 “Competitive Preferences and FREDcast,” 10th American Economic Association (CTREE) Conference on Teaching and Research in Economic Education, (online). May-June 2021.
- 2021 “The Interplay Between Data Literacy and Numeracy: Evidence from an Online Economics Module,” 2021 National Numeracy Conference, (online). February 2021.
- 2021 “Federal Reserve Economic Data: A History,” 2021 Allied Social Sciences Associations - American Economic Association (ASSA-AEA) Conference, (online). January 2020.
- 2021 “Professional Development Programs for Educators by Federal Reserve Banks,” 2021 Allied Social Sciences Associations - American Economic Association (ASSA-AEA) Conference, (online). January 2020.
- 2020 “Basic Proficiencies and Self-Efficacy in Data Literacy,” 90th Annual Meeting Southern Economic Association (SEA), (online). November 2020.
- 2020 “Tools You Can Use from the Fed,” Economics for Opinion Leaders, Lakeland University and Federal Reserve Bank of Chicago, (online). November 2020.
- 2020 “Using FRED and FREDcast to Teach Online,” Federal Reserve Bank of St. Louis 18th Professors Conference, (online). November 2020.
- 2020 “Teaching remotely with FRED: The economic impact of COVID-19,” 2020 Annual Conference of the New York State Economic Association (NYSEA), (online). October 2020.
- 2020 “Textual Analysis of Economic Education Articles,” 40th Professional Development Conference, National Association of Economic Educators (NAEE), Jacksonville, FL. February 2020
- 2020 “Surveying Hansen’s data-related proficiencies of undergraduate economics students,” 2020 American Social Sciences Association - American Economic Association (ASSA-AEA) Conference, San Diego, CA. January 2020.

- 2020 “Professional promotion and the scholarship of teaching and learning in economics,” 2020 Allied Social Sciences Associations - American Economic Association (ASSA-AEA) Conference, San Diego, CA. January 2020.
- 2019 “Active Learning with FRED: Two examples,” 89th Annual Meeting Southern Economic Association (SEA), Fort Lauderdale, FL. November 2019.
- 2019 “Active learning with FRED,” XI Conference on Education and Financial Inclusion, CEMLA, Mexico City, Mexico. November 2019.
- 2019 “What is new with FRED,” Federal Reserve Bank of St. Louis 17th Professors Conference, St. Louis, MO. November 2019.
- 2019 “Segmenting online educational materials,” Council for Economic Education (CEE) 58th Annual Financial Literacy and Economic Education Conference, Los Angeles, CA. November 2019.
- 2019 “Active learning for future data gurus,” (webinar) Federal Reserve Bank of St. Louis, MO. October 2019.
- 2019 “The Great Recession as seen through FRED graphs,” 2019 Annual Meeting of the Ohio Association of Economists and Political Scientists (OAEPS), Cleveland, OH. September 2019.
- 2019 “Gamification of Macroeconomics Instruction with FREDcast Leagues,” 9th American Economic Association (CTREE) Conference on Teaching and Research in Economic Education, St. Louis, MO. May 2019.
- 2019 “Student misperceptions about personal finance: Evidence from econlowdown.org,” 39th Professional Development Conference, National Association of Economic Educators (NAEE), Denver, CO. February 2019
- 2019 “The Federal Reserve Banks as Partners in Economic Education,” (session chair) 2019 Allied Social Sciences Associations - American Economic Association (ASSA-AEA) Conference, Atlanta, GA. January 2019.
- 2019 “Active Learning with FRED: Theory, Practice, and Findings,” 2019 Allied Social Sciences Associations - American Economic Association (ASSA-AEA) Conference, Atlanta, GA. January 2019.
- 2019 “Flipping Introduction to Economics with Econlowdown.org,” 2019 Allied Social Sciences Associations - American Economic Association (ASSA-AEA) Conference, Atlanta, GA. January 2019.
- 2018 “Look at the Birdie: A Quasi-Natural Experiment on Answer Distractors,” 88th Annual Meeting Southern Economic Association (SEA), Washington, D.C. November 2018.
- 2018 “Developing Data Literacy Lesson Plans,” 2018 Beyond the Numbers Conference, Federal Reserve Bank of St. Louis, St. Louis, MO. November 2018.
- 2018 “Learning Data Science at the Library: Lesson Plans on Data Literacy Skills,” 4^T Virtual Conference on Data Literacy, University of Michigan. July 2018.
- 2018 “Talk of the Town: A Textual Analysis of Economic Education Article Titles,” 8th American Economic Association (CTREE) Conference on Teaching and Research in Economic Education, San Antonio, TX. June 2018.

- 2018 “Lesson Format and Types of Value-Added Learning,” 2018 Allied Social Sciences Associations - American Economic Association (ASSA-AEA) Conference, Philadelphia, PA. January 2018.
- 2018 “Economic and Financial Capability Education: K-12 and College Studies,” (session chair) 2018 Allied Social Sciences Associations - American Economic Association (ASSA-AEA) Conference, Philadelphia, PA. January 2018.
- 2017 “Bring Data into Your Classroom,” (webinar) Federal Reserve Bank of St. Louis, MO. December 2017.
- 2017 “Teaching with Data: FRED in Introductory Economics,” Federal Reserve Bank of St. Louis 15th Professors Conference, St. Louis, MO. November 2017.
- 2017 “Mathematics in the Principles Course,” (panel moderator) 2017 EconED Conference, Chicago, IL. October 2017.
- 2017 “Look at the Birdie: A Quasi-Natural Experiment on Answer Distractors,” Council for Economic Education (CEE) 56th Annual Financial Literacy and Economic Education Conference, Brooklyn, NY. October 2017.
- 2017 “An Image is Worth 1,000 Words: Student Performance Dashboards,” Council for Economic Education (CEE) 56th Annual Financial Literacy and Economic Education Conference, Brooklyn, NY. October 2017.
- 2017 “Data Graphs as Visual Arguments: Numeracy in Business Management Education,” 2017 Research in Management Learning and Education (RMLE) Unconference, New York City, NY. June 2017.
- 2017 “Smaller Portions Taste Better: Long-form vs. Short-form Online Learning Modules,” 7th American Economic Association (CTREE) Conference on Teaching and Research in Economic Education, Denver, CO. June 2017.
- 2017 “Teaching Macroeconomics Using Data,” 2017 Allied Social Sciences Associations - American Economic Association (ASSA-AEA) Conference, Chicago, IL. January 2017.
- 2016 “Teaching with Data: FRED in Introductory Economics,” Federal Reserve Bank of St. Louis 14th Professors Conference, St. Louis, MO. November 2016.
- 2016 “Visualizing Data in a Blended Learning Environment Using the Online FRED Database,” 6th American Economic Association (CTREE) Conference on Teaching and Research in Economic Education, Atlanta, GA. June 2016.
- 2016 “The Local Economic Impact of Nonprofit Organizations in Central Illinois,” Midwest Economics Association (MEA) 2016 Annual Meeting, Evanston, IL. March 2016.
- 2016 “Visualizing Data in a Blended Learning Environment Using the Online FRED Database,” 2016 Allied Social Sciences Associations - American Economic Association (ASSA-AEA) Conference, San Francisco, CA. January 2016.
- 2015 “Evaluating Flipped Classroom Efforts in Introduction to Economics,” Federal Reserve Bank of St. Louis 13th Professors Conference, St. Louis, MO. November 2015.
- 2015 “Teaching With Data,” 2015 EconED Conference, San Antonio, TX. September 2015.

- 2015 “Evaluating Flipped Classroom Efforts in Introduction to Economics,” 5th American Economic Association (CTREE) Conference on Teaching and Research in Economic Education, Minneapolis, MN. May 2015.
- 2015 “Socio Economic Determinants of Residential Foreclosures in Rural Central Illinois,” Midwest Economics Association (MEA) 2015 Annual Meeting, Minneapolis, MN. March 2015.
- 2015 “Evaluating Flipped Classroom Efforts in the Social Sciences,” Illinois State University 2015 Teaching and Learning Symposium, Normal, IL. January 2015.
- 2014 “The FRED Database and Quantitative Information Literacy in Money and Banking,” Federal Reserve Bank of St. Louis 12th Professors Conference, St. Louis, MO. November 2014.
- 2014 “Building a Local Network of Users/Experts From the Ground Up,” 2014 Collaborative Liberal Arts Moodle Project (CLAMP) Conference at Macalester College, St. Paul, MN. June 2014.
- 2014 “The FRED Database and Quantitative Information Literacy in Money and Banking,” 4th American Economic Association (CTREE) Conference on Teaching and Research in Economic Education, Washington, D.C. May 2014.
- 2014 “Redesigning Course Assignments to Incorporate Information Literacy,” (panel discussant) New Directions in Information Fluency Conference at Augustana College, Rock Island, IL. April 2014.
- 2014 “Public versus Private Management of Residential Foreclosures: McLean County, IL, 2006-2013,” Midwest Economics Association (MEA) 2014 Annual Meeting, Evanston, IL. March 2014.
- 2013 “Quantitative Reasoning in Intermediate Macroeconomics,” Federal Reserve Bank of St. Louis 11th Professors Conference, St. Louis, MO. November 2013.
- 2013 “Quantitative Reasoning and Information Literacy in Economics,” 3rd American Economic Association (CTREE) Conference on Teaching and Research in Economic Education, Chicago, IL. May 2013.
- 2013 “Quantifying Academic Salary Inversion in the Public University System in Illinois,” Midwest Economics Association (MEA) 2013 Annual Meeting, Columbus, OH. March 2013.
- 2013 “Financial and Labor Market Determinants of Mortgage Delinquency Rates: McLean County, IL, 1985-2012,” Midwest Financial Association (MEA) 2013 Annual Meeting, Chicago, IL. March 2013.
- 2012 “Academic Salary Inversion in the Public University System in Illinois,” Midwest Economics Association (MEA) 2012 Annual Meeting, Evanston, IL. March 2012.
- 2010 “Economic Growth Effects on Government Expenditure on Culture: Empirical and Institutional Considerations,” Cultural Trends International Conference. London, England, November 2010.
- 2009 “Academic Salary Compression at Public Universities in Illinois,” Midwest Economics Association (MEA) 2009 Annual Meeting, Cleveland, OH. March 2009.
- 2008 “Academic Salary Compression at Public Universities in Illinois,” Missouri Valley Economics Association (MVEA) 45th annual meeting, St. Louis, MO. October 2008.

- 2008 “Private Funding of Culture in the UK: What is behind the Regional Inequality?” Museums, Libraries and Archives Council, Research Seminar, London, England. May 2008.
- 2008 “The Cross-Sectional Distribution of Prices and Inflation Dynamics Across the European Union,” Research Seminar, Economics Department, University of Peloponnese, Greece. May 2008.
- 2008 “Relative Prices and Inflation Dynamics in the Periphery of the European Union,” Research Seminar, Economics Dept., Universidad Rey Juan Carlos I, Madrid, Spain. April 2008.
- 2008 “Inflation Differentials within the EMU: the Case of Spain,” Research Seminar, Economics Dept., Universidad Rey Juan Carlos I, Madrid, Spain. April 2008.
- 2008 “Macroeconomic Consequences of Energy Policies,” Graduate Seminar, Economics Department, Universidad Autónoma de Madrid, Madrid, Spain. April 2008.
- 2007 “The Cross-Sectional Distribution of Prices and Inflation Dynamics: Evidence from the Periphery of the European Union,” 11th International Conference on Macroeconomic Analysis and International Finance, Crete, Greece. May 2007.
- 2006 “Regional Concentration of Private Funding for the Arts and Heritage in the UK: 1994-2005,” ARNOVA 35th Annual Conference, Chicago, IL. November 2006.
- 2006 “Energy Dependence, Oil Prices and Exchange Rates: The Dominican Republic in the 1990s,” Western Economic Association International (WEAI) 81st Annual Conference, San Diego, CA. July 2006.
- 2006 “What to Look for in Time Series Analysis,” Graduate Seminar, Economics Department, Universidad Rey Juan Carlos I, Madrid, Spain. March 2006.
- 2005 “Core Inflation as Endemic Inflation in the Dominican Republic,” Western Economic Association International (WEAI) 80th Annual Conference, San Francisco, CA. July 2005.
- 2004 “Macroeconomic Consequences of Trade Liberalization Processes,” Graduate Seminar, Maestrías para el Desarrollo, Universidad Católica Boliviana, La Paz, Bolivia. August 2004.
- 2004 “Precios Relativos e Inflación: Evidencia en el Caso Español,” Seminario de Investigación, Departamento de Programación Monetaria e Investigación Económica, Banco Central de la República Dominicana, Santo Domingo, Dominican Republic. July 2004.
- 2003 “Relative-Price Changes and Inflation: Evidence from Spain,” Western Economic Association International (WEAI) 78th Annual Conference, Denver, CO. July 2003.
- 2003 “Smooth transition to trade liberalization” International Conference on Policy Modeling (EcoMod2003), Istanbul, Turkey. July 2003.
- 2000 “Economic Integration, Market Discipline, and Productivity Growth in Spain” Southeast Theory and International Economics Meetings (SETI), Rice and Houston Universities, Houston, TX. October 2000.
- 1999 “Formation and Dissolution of Economic Unions: Externalities, Cycles and Transitional Growth,” Southeast Theory and International Economics Meetings (SETI), Georgetown University, Washington D.C. November 1999.

REVIEWS OF TEXTBOOK MANUSCRIPTS

- 2017 “Principles of Economics by Justin Wolfers and Betsey Stevenson,” Macmillan Publishers, New York City, NY. Forthcoming.
- 2015 “Intermediate Macroeconomics by Pierre Yared and Nicolas Vincent,” Pearson Publishers, Boston, MA. Forthcoming.
- 2014 “Economics by Roger Butters and Carlos Asarta,” McGraw-Hill, New York City, NY. August 2015.
- 2014 “Economics by Daron Acemoglu, David Laibson and John List,” Addison Wesley Longman, Reading, MA. July 2014.
- 2013 “Macroeconomics: Policy and Practice by Frederic Mishkin,” Pearson Publishers, Boston, MA. September 2014.
- 2009 “Principles of Economics 2/e by Paul Krugman and Robin Wells,” Worth Publishers, New York, NY. February 2009.
- 2009 “Principles of Economics by Justin Wolfers,” Worth Publishers, New York City, NY. Forthcoming.
- 2009 “Macro! by Robert Barro,” South-Western Cengage, Mason, OH, September 2009.
- 2006 “International Macroeconomics by Peter Montiel,” Addison Wesley Longman, Reading, MA. July 2006.
- 2006 “Applied Intermediate Macroeconomics by Kevin Hoover,” Addison Wesley Longman, Reading, MA. June 2006.
- 2004 “Essentials of Economics by William Holahan,” Addison Wesley Longman, Reading, MA. October 2004.
- 2004 “Principles of Economics by Michael Leeds and Peter Von Allmen,” Addison Wesley Longman, Reading, MA. April 2004.
- 2004 “Principles of Economics by Timothy Taylor,” Addison Wesley Longman, Reading, MA. March 2004.
- 2003 “Introduction to Economics 2/e by Marc Lieberman and Robert E. Hall,” South-Western College Publishing, Cincinnati, OH. January 2003.
- 2002 “Introduction to Economic Reasoning 6/e by William Rohlfs,” Addison Wesley Longman, Reading, MA. December 2002.
- 2001 “Principles of Economics by Paul Krugman and Robin Wells,” Worth Publishers, New York, NY. May 2001.
- 2000 “Foundations of Macroeconomics by Robin Bade and Michael Parkin,” Addison Wesley Longman, Reading, MA. November 2000.
- 2000 “Macroeconomics 4/e by Gregory Mankiw,” Worth Publishers, New York, NY. October 2000.
- 2000 “Economics Today 2001-2002 Ed. by Roger L. Miller,” Addison Wesley Longman, Reading, MA. July 2000.
- 2000 “Economics: Principles and Applications 2/e by Robert E. Hall and Marc Lieberman,” South-Western College Publishing, Cincinnati, OH. May 2000.

CONSULTING AND PROFESSIONAL SERVICES

- 2018 Loras College, Economics Department: external review.
- 2016 Young Women Christian Association: economic impact analysis.
- 2016 United Way of McLean Co.: economic impact analysis.
- 2015 Habitat for Humanity of McLean Co.: economic impact analysis.
- 2014 McLean County Regional Planning Commission: statistical analysis of geographical information systems (GIS) data.
- 2014 Whitnell Analytics: statistical analysis of used truck auction data.
- 2006 Arts and Business, London, UK: statistical analysis of survey data.
- 2005 Educational Testing Service, Princeton, NJ: comparability study of Advanced Placement examinations in Economics.
- 2005 Educational Testing Service, Princeton, NJ: web-based standard setting study of College Level Examination Program, Micro and Macroeconomics.

GRANTS AND AWARDS

External Funding and Awards

- 2020 International Serious Play Awards: Bronze Medal Winner in Higher Education. "FREDcast."
- 2014-2017 Teagle Foundation BLAISE Consortium Grant, IWU Project Director: May 2014. "Hybrid Learning and the Residential Liberal Arts Experience."
- 2014 National Numeracy Network Workshop Development Grant Award: October 2014. "Quantitative Reasoning in the Social Sciences."
- 2013 PNC Bank Foundation Nonprofit Grant, Principal Investigator: October 2013. "Statistical Analysis of the Socioeconomic Determinants of Residential Foreclosures in Champaign and Sangamon Counties, IL (2006-2013)."
- 2012 PNC Bank Foundation Nonprofit Grant, Principal Investigator: October 2012. "Statistical Analysis of the Socioeconomic Determinants of Residential Foreclosures in McLean and Peoria Counties, IL (2006-2013)."
- 2012 Best New Course Award (2nd Place), Equipping Strategic Professors Program, Chicago Mercantile Exchange Foundation Grant Administering Committee and Wheaton College: April 2012.
- 2011-2013 Equipping Strategic Professors Program, Chicago Mercantile Exchange Foundation Grant Administering Committee and Wheaton College: June 2013, July 2012 and July 2011.

Illinois Wesleyan University, Bloomington, IL.

- 2019 Curriculum Development Grant, Faculty Committee on Diversity: March 2019.
- 2018 Senior Faculty Research Program Grant: December 2018.
- 2018 Externally-funded Faculty Scholarship (EFS) Grant, EFS Grant Administering Committee: June 2018.
- 2016 Curriculum Development Grant, NCAA CHOICES Grant Administering Committee: October 2016.
- 2016 Sabbatical Faculty Leave: Fall 2016.

- 2015 Faculty Development Workshop, A. W. Mellon Foundation Grant Administering Committee: October 2015.
- 2015 Robert and Nell Eckley Summer Scholars and Artists Fellowship: March 2015.
- 2015 Curriculum Development Grant, Mellon Center: March 2015.
- 2012-2014 Assessment of Student Writing Departmental Workshop Grant, A. W. Mellon Foundation Grant Administering Committee: May 2014, May 2013 and April 2012.
- 2012 Summer Reading Program Mini-grant: April 2012.
- 2011 Action Research Center Associates Grant: April 2011.
- 2010 Curriculum Development Grant, U.S. Department of Education Grant Administering Committee: April 2010.
- 2010 Curriculum Development Grant, Teagle Foundation Grant Administering Committee: March 2010.
- 2009-2017 Curriculum Development Grant, Writing Implementation Committee: May 2017, March 2014, September 2012, and April 2009.
- 2009-2019 Curriculum Development Grant: March 2019, December 2018, September 2014, September 2013, and March 2009.
- 2009 Instructional Development Grant: October 2009.
- 2009 Sabbatical Faculty Leave: Spring 2009.
- 2007-2011 Study Abroad Site-Visit Grant: Copenhagen, Denmark, March 2011; Santo Domingo, Dominican Republic, April 2009; Athens, Greece, May 2008; St. Petersburg, Russia, September 2007.
- 2006 Junior Faculty Leave: Spring 2006.
- 2004-2018 Artistic and Scholarly Development Grant: December 2018, April 2017, September 2015, December 2014, April 2012, December 2010, December 2008, December 2007, December 2006, December 2005, and April 2004.

COURSES TAUGHT

Managerial Economics; Microeconomic and Macroeconomic Principles; International Monetary Economics; Money and Banking; Applied Financial Economics; Intermediate Macroeconomics; Applied Time Series Analysis; European Economic Integration; Latin American Economics; Exploring Financial Institutions; Gateway Colloquium; Senior Project.

ELECTED AND APPOINTED INSTITUTIONAL SERVICE

Illinois Wesleyan University, Bloomington, IL.

- 2014 - 2019 Chairperson and Member, Council for Excellence in Teaching & Learning
- 2018 - 2019 Faculty member, Active and Engaged Learning Task Force.
- 2015 - 2017 Chairperson and Member, Assessment Committee
- 2014 - 2016 University Technology Fellow
- 2014 - 2015 Assessment Facilitator, General Education Program.
- 2014 Faculty Adviser, City of Bloomington Student Intern Program (*spring*)

- 2013 - 2014 Faculty member, Financial Resources Workgroup, Strategic Budget and Planning Committee.
- 2013 Faculty member, General Education Assessment Work Group.
- 2012 - 2014 Chairperson and Member, Faculty Development Committee.
- 2011 - 2012 Faculty member, Academic Appeals Board.
- 2010 - 2017 Assessment Liaison, Economics Department.
- 2009 - 2017 Faculty member, Writing Program Committee.
- 2009 - 2014 Chairperson, Economics Department.
- 2009 Seminar participant, Al Akhawayn University, Ifrane, Morocco.
- 2009 - 2012 Academic Adviser, Economics Society.
- 2008 Director Madrid Program, Spain.
- 2008 Faculty member, Accreditation Committee, Counseling and Consultation Services.
- 2005 - Present Academic Adviser, Model United Nations.
- 2004 - 2005 Faculty member, Teaching and Learning Technology Roundtable.
- 2003 - Present Academic Adviser, Alpha Lambda Delta, First Year Honor Society.
- 2003 - 2009 International Studies Steering Committee member; Team Coordinator, Western European and Latin American Studies (*alternate years*).
- 2002 - 2004 Faculty member, Academic Appeals Board.

City of Bloomington, IL.

- 2014 - 2015 Chair, Economic Development Working Group of the City of Bloomington Comprehensive Plan