Diego Méndez-Carbajo

Federal Reserve Bank of St. Louis, Research Department

P.O. Box 442, St. Louis, MO 63166-0442

Ph: (W) 314.444.7488, Fax: 314.444.8731

E-mail: diego.mendez-carbajo@stls.frb.org

**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.

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| * Senior Economic Education Specialist, Research Division | 2019 – Present |

Illinois Wesleyan University, Bloomington, IL.

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| * Professor | 2016 – 2019 | |
| * Associate Professor | | 2007 – 2016 |
| * Assistant Professor | | 2001 – 2007 |
| * Visiting Assistant Professor | | 2000 |

Federal Reserve Bank of St. Louis, MO.

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| * Visiting Scholar and Independent Contractor, Research Division | 2016 – 2019 |

University of Delaware, Newark, DE.

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| * 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 | | 2016-17 |

Macmillan Learning, New York City, NY.

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| * Independent Contractor, Subject Matter Expert | 2018 – 2019 |

McGraw-Hill Education, Burr Ridge, IL.

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| * Independent Contractor, Subject Matter Expert | 2017 |

Universidad Católica de Santo Domingo / Empírica, Dominican Republic.

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

Central Bank of the Dominican Republic.

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

Florida Atlantic University, Boca Raton, FL.

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| * Instructor, Department of Economics | 2000 |

Florida International University, Miami, FL.

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| * Instructor, Department of Economics | 1998 – 2000 |

**OTHER PROFESSIONAL ACTIVITIES AND HONORS**

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| * Associate Editor, *The American Economist*. | 2018 – Present |
| * Chair, Research Committee, National Association of Economic Educators. | 2018 – Present |
| * Member, Editorial Board, *Advances in Economics Education*. | 2022 – Present |
| * Member, Board, National Numeracy Network. | 2022 – Present |
| * Credly’s Credentialing Education Program | 2022 |
| * Research with Native American Communities Certification, Collaborative Institutional Training Initiative (CITI) | 2022 |
| * Gold Curriculum Award, National Association of Economic Educators | 2022 |
| * Nominee for President's Award for System Leadership, Federal Reserve Bank of St. Louis | 2020, 2021 |
| * 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**

|  |  |  |
| --- | --- | --- |
| 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, 20. https://doi.org/10.1080/08975930.2022.2079042 | |
| 2021 | “Obstacles as Building Blocks: Font Disfluency and Performance on Economics Exams,” (with Franklin Mixon). *International Journal of Applied Behavioral Economics*, 10: 4, 1. 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*, 26: 3-4. 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* 2:2, September 2020, 4. 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* 1:2, 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:// 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/chalkspring2013mallaissuefinal |

**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 Arabe,” (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**

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| 2021-Present | FRED Blog Reading Questions & Answers (45): In e*conlowdown.org*, Federal Reserve Bank of St. Louis, MO. |
| 2019-Present | FRED Blog posts (+100): Federal Reserve Bank of St. Louis, MO. https://fredblog.stlouisfed.org/ |
| 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 e*conlowdown.org*, Federal Reserve Bank of St. Louis, MO. February 2022. |
| 2022 | “FRED Interactive: Interpreting Units.” In e*conlowdown.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 e*conlowdown.org*, Federal Reserve Bank of St. Louis, MO. October 2021. |
| 2021 | “FRED Interactive: Seasonality.” In e*conlowdown.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 e*conlowdown.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 e*conlowdown.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 e*conlowdown.org*, Federal Reserve Bank of St. Louis, MO. May 2020. |
| 2020 | “FRED Interactive: FREDcasting Unemployment Rate.” In e*conlowdown.org*, Federal Reserve Bank of St. Louis, MO. May 2020. |
| 2020 | “FRED Interactive: FREDcasting Payroll Employment.” In e*conlowdown.org*, Federal Reserve Bank of St. Louis, MO. May 2020. |
| 2020 | “FRED Interactive: FREDcasting Consumer Price Index.” In e*conlowdown.org*, Federal Reserve Bank of St. Louis, MO. May 2020. |
| 2020 | “FRED Interactive: Index Numbers.” In e*conlowdown.org*, Federal Reserve Bank of St. Louis, MO. March 2020. |
| 2020 | “FRED Interactive: Doing Basic Math.” In e*conlowdown.org*, Federal Reserve Bank of St. Louis, MO. March 2020. |
| 2020 | “FRED Interactive: Mind the Units.” In e*conlowdown.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 e*conlowdown.org*, Federal Reserve Bank of St. Louis, MO. February 2019. |
| 2019 | “FRED Interactive: Real GDP per capita.” In e*conlowdown.org*, Federal Reserve Bank of St. Louis, MO. February 2019. |
| 2019 | “FRED Interactive: 7 Activities in 7 Minutes.” In e*conlowdown.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 e*conlowdown.org*, Federal Reserve Bank of St. Louis, MO. October 2017. |
| 2016 | “FRED Interactive: Nominal and Real Wages.” In e*conlowdown.org*, Federal Reserve Bank of St. Louis, MO. December 2016. |
| 2016 | “FRED Interactive: Comparative Advantage.” In e*conlowdown.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**

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| *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; 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* |

**PEER-REVIEWED AND INVITED WORKSHOPS**

|  |  |
| --- | --- |
| 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**

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| 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,” 4T 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**

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| 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 Rohlf,” 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**

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| 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

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| 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.

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| 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**

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.

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| 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.

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