

Curriculum Vitae
JAISON R. ABEL

Federal Reserve Bank of New York
Research and Statistics Group
E-mail: jaison.abel@ny.frb.org
Phone: 716-849-5010
<http://nyfedeconomists.org/abel/>

Research Interests

Urban and regional economics, industrial organization, economics of innovation, public finance

Education

Ph.D., Economics, The Ohio State University, 1999
M.A., Economics, The Ohio State University, 1995
B.A., *Cum Laude*, Economics, State University of New York at Geneseo, 1994

Professional Experience

Federal Reserve Bank of New York

Head of Urban and Regional Studies (2022-present)
Head of Regional Analysis (2016-2022)
Assistant Vice President (2018-2022)
Research Officer (2014-2017)
Senior Economist (2011-2014)
Economist (2007-2011)

University at Buffalo

Adjunct Instructor, Department of Economics (2010-2013)

Analysis Group

Vice President (2006-2007)
Manager (2002-2005)
Associate (2000-2002)

The Ohio State University

Research Associate, The National Regulatory Research Institute (1997-2000)
Teaching Associate and Lecturer, Department of Economics (1994-1997, 2000)

Ohio Wesleyan University

Adjunct Professor, Department of Economics (1998-1999)

Publications

- “Why Are Some Places So Much More Unequal Than Others?” (with Richard Deitz), *Economic Policy Review*, Vol. 25, No. 1, December 2019, pp. 58-75.
- “Can Workers in Low-End Occupations Climb the Job Ladder?” (with Richard Florida and Todd M. Gabe), *Economic Development Quarterly*, Vol. 33, No. 2, May 2019, pp. 92-106.
- “Underemployment in the Early Careers of College Graduates Following the Great Recession,” (with Richard Deitz), Chapter 4 in *Education, Skills, and Technical Change: Implications for Future U.S. GDP Growth*, Chicago, IL: University of Chicago Press for the National Bureau of Economic Research, March 2019, pp. 149-181.
- “Shared Knowledge and the Coagglomeration of Occupations,” (with Todd M. Gabe), *Regional Studies*, Vol. 50, No. 8, August 2016, pp. 1360-1373.
- “Agglomeration and Job Matching Among College Graduates,” (with Richard Deitz), *Regional Science and Urban Economics*, Vol. 51, March 2015, pp. 14-24.
- “Skills across the Urban-Rural Hierarchy,” (with Todd M. Gabe and Kevin Stolarick), *Growth and Change*, Vol. 45, No. 4, December 2014, pp. 499-517.
- “The Causes and Consequences of Puerto Rico’s Declining Population,” (with Richard Deitz), *Current Issues in Economics and Finance*, Vol. 20, No. 4, August 2014.
- “Do the Benefits of College Still Outweigh the Costs?” (with Richard Deitz), *Current Issues in Economics and Finance*, Vol. 20, No. 3, June 2014.
- “Are Recent College Graduates Finding Good Jobs?” (with Richard Deitz and Yaqin Su), *Current Issues in Economics and Finance*, Vol. 20, No. 1, January 2014.
- “How Severe Was the Credit Cycle in the New York-Northern New Jersey Region?” (with Richard Deitz), *Current Issues in Economics and Finance*, Vol. 18, No. 8, November 2012.
- “Productivity and the Density of Human Capital,” (with Ishita Dey and Todd M. Gabe), *Journal of Regional Science*, Vol. 52, No. 4, October 2012, pp. 562-586.
- “Job Polarization and Rising Inequality in the Nation and New York-Northern New Jersey Region,” (with Richard Deitz), *Current Issues in Economics and Finance*, Vol. 18, No. 7, October 2012.

- “Rural Areas Lag Behind in Key Workforce Skills,” (with Todd M. Gabe and Kevin Stolarick), *Choices*, Vol. 27, No. 2, Second Quarter 2012.
- “Do Colleges and Universities Increase Their Region’s Human Capital?” (with Richard Deitz), *Journal of Economic Geography*, Vol. 12, No. 3, May 2012, pp. 667-691.
- “Knowledge in Cities,” (with Todd M. Gabe, Adrienne Ross, and Kevin Stolarick), *Urban Studies*, Vol. 49, No. 6, May 2012, pp. 1179-1200.
- “Specialized Knowledge and the Geographic Concentration of Occupations,” (with Todd M. Gabe), *Journal of Economic Geography*, Vol. 12, No. 2, March 2012, pp. 435-453.
- “The Role of Colleges and Universities in Building Local Human Capital,” (with Richard Deitz), *Current Issues in Economics and Finance*, Vol. 17, No. 6, October 2011.
- “Human Capital and Economic Activity in Urban America,” (with Todd M. Gabe), *Regional Studies*, Vol. 45, No. 8, September 2011, pp. 1079-1090.
- “Human Capital, Local Economic Development, and the Importance of Colleges and Universities,” (with Richard Deitz), Cornell University Community and Regional Development Institute *New York Minute*, No. 47, August 2011.
- “Agglomeration of Knowledge,” (with Todd M. Gabe), *Urban Studies*, Vol. 48, No. 7, May 2011, pp. 1353-1371.
- “Bypassing the Bust: The Stability of Upstate New York’s Housing Markets During the Recession,” (with Richard Deitz), *Current Issues in Economics and Finance*, Vol. 16, No. 3, March 2010.
- “New Measures of Economic Growth and Productivity in Upstate New York,” (with Richard Deitz), *Current Issues in Economics and Finance*, Vol. 14, No. 9, December 2008.
- “Price Indexes for Microsoft’s Personal Computer Software Products,” (with Ernst R. Berndt and Alan G. White), Chapter 9 in *Hard-to-Measure Goods and Services: Essays in Honor of Zvi Griliches*, Chicago, IL: University of Chicago Press for the National Bureau of Economic Research, October 2007, pp. 269-289.
- “Hedonic Price Indexes for Personal Computer Operating Systems and Productivity Suites,” (with Ernst R. Berndt, Cory W. Monroe, and Alan G. White), *Annales d’Economie et de Statistique*, Vol. 79/80, July-December 2005, pp. 787-807; also published in NBER Book Volume *Contributions in Memory Zvi Griliches*, August 2010.
- “Deployment of Advanced Telecommunications Infrastructure in Rural America: Investigating the Digital Divide,” (with Todd M. Gabe), *American Journal of Agricultural Economics*, Vol. 84, No. 5, December 2002, pp. 1246-1252.

“Entry into Regulated Monopoly Markets: The Development of a Competitive Fringe in the Local Telephone Industry,” *Journal of Law & Economics*, Vol. XLV, No. 2 (Pt. 1), October 2002, pp. 289-316.

“Entry Under Asymmetric Regulation,” (with Michael E. Clements), *Review of Industrial Organization*, Vol. 19, No. 2, September 2001, pp. 227-242.

“Should Utility Incumbents Be Able to Extend Their Brand Name to Competitive Retail Markets? An Economic Perspective,” (with Michael E. Clements), *The Electricity Journal*, Vol. 11, No. 5, June 1998, pp. 49-57.

Web Interactive

The Labor Market for Recent College Graduates, (with Richard Deitz), available at: <https://www.newyorkfed.org/research/college-labor-market/index.html>

Liberty Street Economics Blog Posts

“Businesses Want Remote Work, Just Not as Much,” (with Richard Deitz, Daniel Garcia, and Ben Hyman), August 2023.

“The Tri-State Region’s Recovery from the Pandemic Recession Three Years On,” (with Jason Bram, Richard Deitz, and Jonathan Hastings), April 2023.

“A Look at the New York-Northern New Jersey Region’s Pandemic Housing Boom,” (with Jason Bram, Richard Deitz, and Jonathan Hastings), November 2022.

“Remote Work Is Sticking,” (with Jason Bram and Richard Deitz), August 2022.

“Do Businesses in the Region Expect High Inflation to Persist?” (with Jason Bram and Richard Deitz), May 2022.

“The Omicron Wave Stalled Growth and Led to High Absenteeism in the Region,” (with Jason Bram and Richard Deitz), February 2022.

“The Region is Struggling to Recover from the Pandemic Recession,” (with Jason Bram, Richard Deitz, and Jonathan Hastings), December 2021.

“A New Tool for Tracking Regional Employment Trends,” (with Jason Bram, Richard Deitz, and Jonathan Hastings), December 2021.

“Severe Supply Disruptions Are Impeding Business Activity in the Region,” (with Jason Bram, Richard Deitz, and Jessica Lu), October 2021.

“The Future of Remote Work in the Region,” (with Jason Bram, Richard Deitz, and Jessica Lu), June 2021.

“Women’s Labor Force Participation Was Rising to Record Highs—Until the Pandemic Hit,” (with Richard Deitz), May 2021.

“Some Workers Have Been Hit Much Harder than Others by the Pandemic,” (with Richard Deitz), February 2021.

“The Regional Economy during the Pandemic,” (with Jason Bram, Richard Deitz, and Jonathan Hastings), December 2020.

“Tracking the Spread of COVID-19 in the Region,” (with Jason Bram, Richard Deitz, and Jonathan Hastings), August 2020.

“Delaying College During the Pandemic Can Be Costly,” (with Richard Deitz), July 2020.

“Finally, Some Signs of Improvement in the Regional Economy,” (with Jason Bram, Richard Deitz, and Ben Hyman), June 2020.

“Business Activity in the Region Sees Historic Plunge in April,” (with Jason Bram and Richard Deitz), April 2020.

“Businesses in the Tri-State Region Struggling to Weather the Coronavirus Outbreak,” (with Jason Bram and Richard Deitz), March 2020.

“Women Have Been Hit Hard by the Loss of Routine Jobs, Too,” (with Richard Deitz), March 2020.

“Growth Has Slowed across the Region,” (with Jason Bram, Richard Deitz, and Jonathan Hastings), December 2019.

“Some Places Are Much More Unequal Than Others,” (with Richard Deitz), October 2019.

“Despite Rising Costs, College Is Still a Good Investment,” (with Richard Deitz), June 2019.

“The Cost of College Continues to Climb,” (with Richard Deitz), June 2019.

“The New York Fed’s New Regional Economy Website,” (with Jason Bram, Richard Deitz, and Jonathan Hastings), April 2019.

“Where Are Manufacturing Jobs Coming Back?” (with Richard Deitz), February 2019.

“The (Modest) Rebound in Manufacturing Jobs,” (with Richard Deitz), February 2019.

“Labor Markets in the Region Are Exceptionally Tight,” (with Jason Bram, Richard Deitz, and Jonathan Hastings), December 2018.

“New York State’s Community Colleges are Successfully Partnering with Employers,” (with Richard Deitz), November 2018.

“Beige Book Points to Moderate Growth and Tight Labor Markets,” (with Jason Bram), July 2018.

“Puerto Rico and the U.S. Virgin Islands after Hurricanes Irma and Maria,” (with Jason Bram, Richard Deitz, and Jonathan Hastings), February 2018.

“Upstate New York’s Expansion is Losing Steam,” (with Richard Deitz), October 2017.

“Press Briefing Focuses on Regional Wage Inequality,” (with Jason Bram and Richard Deitz), August 2017.

“Hey, Economist! Is Now a Good Time to Be Graduating from College?” (with Richard Deitz), May 2017.

“The Regional Economy Is off to a Good Start in 2017,” (with Jason Bram), March 2017.

“Job Growth in the Region,” (with Jason Bram and Richard Deitz), August 2016.

“Migration in Puerto Rico: Is There a Brain Drain?” (with Giacomo De Giorgi, Richard Deitz, and Harry Wheeler), August 2016.

“Upstate New York Job Growth: The Bad News Is that the Good News Was Wrong,” (with Richard Deitz), March 2016.

“New Web Feature Provides Timely Data on the Labor Market for Recent College Graduates,” (with Richard Deitz), January 2016.

“Working as a Barista After College Is Not as Common as You Might Think,” (with Richard Deitz), January 2016.

“Job Market Remains Tight as Regional Economy Slows,” (with Jason Bram), December 2015.

“An Update on Regional Economic Conditions Provided at Our Press Briefing,” (with Jason Bram, Richard Deitz, and James Orr), August 2015.

“When Women Out-Earn Men,” (with Richard Deitz), August 2015.

“The Class of 2015 Might Have a Little Better Luck Finding a Good Job,” (with Richard Deitz), May 2015.

“Population Lost: Puerto Rico’s Troubling Out-Migration Problem,” (with Richard Deitz), April 2015.

“January Business Leaders Survey Indicates Regional Business Conditions Are Finally Back to Normal,” (with Jason Bram and Richard Deitz), January 2015.

“Are the Job Prospects of Recent College Graduates Improving?” (with Richard Deitz), September 2014.

“College May Not Pay Off for Everyone,” (with Richard Deitz), September 2014.

“Staying in College Longer Than Four Years Costs More Than You Might Think,” (with Richard Deitz), September 2014.

“The Value of a College Degree,” (with Richard Deitz), September 2014.

“What Kinds of Jobs Have Been Created during the Recovery?” (with Richard Deitz), May 2014.

“Harsh Winter Weather Hampers Economic Activity in the Region,” (with Jason Bram), March 2014.

“Could Superstorm Sandy Stimulate the Region’s Economy?” (with Jason Bram, Richard Deitz, James Orr, Kaivan K. Sattar, and Eric Stern), August 2013.

“Are Recent College Graduates Finding Good Jobs? (with Richard Deitz), June 2013.

“New York’s Latest Beige Book Report Points to Sustained Growth,” (with Jason Bram), June 2013.

“Do Big Cities Help College Graduates Find Better Jobs?” (with Richard Deitz), May 2013.

“Foreclosures Loom Large in the Region,” (with Richard Deitz), April 2013.

“The Region’s Job Rebound from Superstorm Sandy,” (with Jason Bram, Richard Deitz, and James Orr), March 2013.

“How Severe Was the Credit Cycle in the New York-Northern New Jersey Region? (with Richard Deitz), January 2013.

“The Path of Economic Recovery from Superstorm Sandy,” (with Jason Bram, Richard Deitz, and James Orr), December 2012.

“How Will We Pay For Superstorm Sandy?” (with Jason Bram, Richard Deitz, and James Orr), December 2012.

- “The Welfare Costs of Superstorm Sandy,” (with Jason Bram, Richard Deitz, and James Orr), December 2012.
- “What Are the Costs of Superstorm Sandy?” (with Jason Bram, Richard Deitz, and James Orr), December 2012.
- “Press Briefing on Housing Conditions and the Economic Impact of Superstorm Sandy on the Region,” (with Jason Bram and Claire Kramer), November 2012.
- “New York’s Latest Beige Book Report Points to Weakening in the Aftermath of Superstorm Sandy,” (with Jason Bram), November 2012.
- “New York’s Latest Beige Book Report Signals Steady Growth,” (with Jason Bram), June 2012.
- “Regional Economic Press Briefing on Job Polarization and Rising Inequality,” (with Richard Deitz), May 2012.
- “How Colleges and Universities Can Help Their Local Economies,” (with Richard Deitz), February 2012.
- “Job Polarization in the United States: A Widening Gap and Shrinking Middle,” (with Richard Deitz), November 2011.
- “Local Hangovers: How the Housing Boom and Bust Affected Jobs in Metro Areas,” (with Richard Deitz), August 2011.

Working Papers

- “Can Low-Wage Workers Find Better Jobs?” (with Richard Florida and Todd M. Gabe), Federal Reserve Bank of New York Staff Report No. 846, April 2018.
- “Underemployment in the Early Careers of College Graduates Following the Great Recession,” (with Richard Deitz), Federal Reserve Bank of New York Staff Report No. 749, December 2015, revised September 2016.
- “Shared Knowledge and the Coagglomeration of Occupations,” (with Todd M. Gabe), Federal Reserve Bank of New York Staff Report No. 612, April 2013, revised January 2015.
- “Agglomeration and Job Matching Among College Graduates,” (with Richard Deitz), Federal Reserve Bank of New York Staff Report No. 587, December 2012, revised December 2014.

- “Workforce Skills across the Urban-Rural Hierarchy,” (with Todd M. Gabe and Kevin Stolarick), Federal Reserve Bank of New York Staff Report No. 552, February 2012; also released as Martin Prosperity Institute Working Paper 2012-6, February 2012.
- “Productivity and the Density of Human Capital,” (with Ishita Dey and Todd M. Gabe), Federal Reserve Bank of New York Staff Report No. 440, March 2010, revised September 2011; also released as Barcelona Institute of Economics (IEB) Working Paper 2010-30, September 2010.
- “Do Colleges and Universities Increase Their Region’s Human Capital?” (with Richard Deitz), Federal Reserve Bank of New York Staff Report No. 401, October 2009, revised March 2011.
- “Knowledge in Cities,” (with Todd M. Gabe, Adrienne Ross, and Kevin Stolarick), Federal Reserve Bank of New York Staff Report No. 470, September 2010; also released as Martin Prosperity Institute Working Paper 2010-13, September 2010.
- “Human Capital and Economic Activity in Urban America,” (with Todd M. Gabe), Federal Reserve Bank of New York Staff Report No. 332, July 2008, revised February 2010.
- “Labor Market Pooling and Occupational Agglomeration,” (with Todd M. Gabe), Federal Reserve Bank of New York Staff Report No. 392, September 2009, revised January 2010.
- “Have Amenities Become Relatively More Important Than Firm Productivity Advantages in Metropolitan Areas?” (with Richard Deitz), Federal Reserve Bank of New York Staff Report No. 344, September 2008.
- “Hedonic Price Indexes for Personal Computer Operating Systems and Productivity Suites,” (with Ernst R. Berndt, Cory W. Monroe, and Alan G. White), NBER Working Paper No. 10427, April 2004.
- “Price Indexes for Microsoft’s Personal Computer Software Products,” (with Ernst R. Berndt and Alan G. White), NBER Working Paper No. 9966, September 2003.
- “Deployment of ISDN Telecommunications Infrastructure in the Northeastern United States,” (with Todd M. Gabe), University of Maine, Department of Resource Economics and Policy, Staff Paper No. 510, June 2002. Abstract published in *Agricultural and Resource Economics Review*, Vol. 31, No. 2, October 2002.
- “Deployment of Advanced Telecommunications Infrastructure in Rural America: Investigating the Digital Divide,” (with Todd M. Gabe), University of Maine, Department of Resource Economics and Policy, Staff Paper No. 509, May 2002.

Technical Reports and Other Publications

- “Employer Engagement by Community Colleges in New York State,” (with Tony Davis, Richard Deitz, and Edison Reyes), New York, NY: Federal Reserve Bank of New York, November 2018.
- “An Update on the Competitiveness of Puerto Rico’s Economy,” (with Jason Bram, Hunter Clark, Richard Deitz, Andrew Haughwout, Akash Kanojia, Thomas Klitgaard, Tricia Kissinger, Jonathan Landesman, James Orr, Rae Rosen, Monica Sanz, and Javier Silva) New York, NY: Federal Reserve Bank of New York, July 2014.
- “Report on the Competitiveness of Puerto Rico’s Economy,” (with Katherine Bradley, Jason Bram, Richard Deitz, Tricia Kissinger, Thomas Klitgaard, James Orr, Rae Rosen, and Javier Silva), New York, NY: Federal Reserve Bank of New York, June 2012.
- “The Use of Employer Claims Data in Developing Price Indexes for Medical Care,” (with Adam Castor and Alan G. White), Prepared on behalf of the U.S. Bureau of Economic Analysis, May 2007.
- “Price Indexes for Custom and Own Account Software,” (with Alan G. White), Prepared on behalf of the U.S. Bureau of Economic Analysis, June 2006. Presented at the U.S. Bureau of Economic Analysis, April 2006.
- “Incentives Matter: An Economic Perspective on the Use of Volume-based Stairstep Programs in the Automobile Industry,” (with Samuel Weglein), Prepared on behalf of the National Automobile Dealers Association, October 2005. Presented at the NADA Board of Directors Meeting, October 2005.
- “An Economic Perspective on Alternative Direct-Discount Distribution in the Medium- and Heavy-Duty Truck Industry,” (with Samuel Weglein), Prepared on behalf of the American Truck Dealers division of the National Automobile Dealers Association, May 2005. Presented at the 42nd Annual American Truck Dealers Convention and Exposition, April 2005.
- “The Performance of the State Telecommunications Industry Under Price-Cap Regulation: An Assessment of the Empirical Evidence,” NRRI Report 00-14, Columbus, OH: The National Regulatory Research Institute, September 2000.
- “Geographic Deaveraging of Wholesale Prices for Local Telephone Service in the United States: Some Guidelines for State Commissions,” (with Vivian Witkind-Davis), NRRI Report 00-11, Columbus, OH: The National Regulatory Research Institute, April 2000.

Pricing and Competition in Local Telephone Markets Under Price-Cap Regulation, Ph.D. Dissertation, Department of Economics, The Ohio State University, September 1999. (Dissertation Advisor: Professor Howard P. Marvel)

“A Time Series and Cross-Sectional Classification of State Regulatory Policy Adopted for Local Exchange Carriers,” (with Michael E. Clements), NRRI Report 98-25, Columbus, OH: The National Regulatory Research Institute, December 1998.

“An Economic Analysis of Marketing Affiliates in a Deregulated Electric Power Industry,” NRRI Occasional Paper No. 22, Columbus, OH: The National Regulatory Research Institute, February 1998.

Keynote Addresses, Invited Lectures, and Conference Presentations

“Is College Still Worth It?” Invited Lecture, SUNY Geneseo, March 2019.

“The Labor Market for Recent College Graduates After the Great Recession,” Keynote Address, New York State Economics Association Annual Conference, October 2018; Invited Lecture, SUNY Geneseo, April 2017; Keynote Address, SUNY Geneseo NYC Wall Street Event, October 2016.

“Do Big Cities Help College Graduates Find Better Jobs?” Invited Lecture, SUNY Geneseo, March 2018.

“Community College-Employer Partnerships: Helping to Fill the Skills Gap,” Keynote Address, Ready to Partner: How Community Colleges Are Building a 21st Century Regional Workforce, Finger Lakes Region Executive Leaders Forum, October 2016.

“Does Major Matter?” Invited Lecture, Federal Reserve Bank of San Francisco, Twelfth District Directors Economic Seminar, April 2016.

“Underemployment in the Early Careers of College Graduates Following the Great Recession,” (with Richard Deitz), Presented at the National Bureau of Economic Research, Conference on Research in Income and Wealth, “Education, Skills, and Technical Change: Implications for Future U.S. GDP Growth,” October 2015.

“The Economic Value of a College Degree,” Invited Lecture, SUNY Geneseo, April 2015.

“Agglomeration and Job Matching Among College Graduates,” (with Richard Deitz), Presented at the 60th Annual North American Meetings of the Regional Science Association International, November 2013; Federal Reserve System Committee on Regional Analysis Annual Research Conference, October 2012; and the 51st Annual Meetings of the Southern Regional Science Association, March 2012.

- “Determinants of Occupational Coagglomeration in U.S. States and Regions,” (with Todd M. Gabe), Presented at the 51st Annual Meetings of the Southern Regional Science Association, March 2012.
- “The Skill Content of Work across the Urban-Rural Hierarchy,” (with Todd M. Gabe and Kevin Stolarick), Presented at the 58th Annual North American Meetings of the Regional Science Association International, November 2011.
- “Human Capital, Local Economic Development, and the Importance of Colleges and Universities,” Presented at the Economic Research Institute of Erie (ERIE) Annual Economics Conference, Brain Drain and Brain Gain, July 2011.
- “The Geography of Leverage,” (with Richard Deitz and James Orr), Presented at the Federal Reserve System Committee on Regional Analysis Annual Research Conference, November 2010.
- “Productivity and the Density of Human Capital,” (with Ishita Dey and Todd M. Gabe), Presented at the I Workshop on Urban Economics, Barcelona Institute of Economics (IEB), July 2010; 49th Annual Meetings of the Southern Regional Science Association, March 2010; 62nd Annual Meetings of the New York State Economics Association, October 2009; Federal Reserve System Committee on Applied Microeconomics Annual Research Conference, May 2009.
- “Labor Market Pooling and Occupational Agglomeration,” (with Todd M. Gabe), Presented at the 49th Annual Meetings of the Southern Regional Science Association, March 2010.
- “Do Colleges and Universities Increase Their Region’s Human Capital?” (with Richard Deitz), Presented at the 56th Annual North American Meetings of the Regional Science Association International, November 2009.
- “Human Capital and Economic Activity in U.S. Metro Areas: A Focus on New York,” Presented at the Nelson A. Rockefeller Institute of Government, New York State Network for Economic Research Conference: A Focus on Human Capital, September 2009.
- “The Regional Production, Stock, and Flow of Human Capital,” (with Richard Deitz), Presented at the 55th Annual North American Meetings of the Regional Science Association International, November 2008; Federal Reserve System Committee on Regional Analysis Annual Research Conference, November 2008; and 61st Annual Meetings of the New York State Economics Association, October 2008.

- “Human Capital and Economic Activity in Urban America,” (with Todd M. Gabe), Presented at the National Bureau of Economic Research, Program on Technological Change and Productivity Measurement, December 2008; 55th Annual North American Meetings of the Regional Science Association International, November 2008; 61st Annual Meetings of the New York State Economics Association, October 2008; and 47th Annual Meetings of the Southern Regional Science Association, March 2008.
- “The Relative Importance of Amenities and Firm Productivity Advantages in Metropolitan Areas,” (with Richard Deitz), Presented at the 47th Annual Meetings of the Southern Regional Science Association, March 2008.
- “The Use of Employer Claims Data in Developing Price Indexes for Medical Care,” (with Adam Castor and Alan G. White), Presented at the Annual Meetings of the American Economic Association, ASSA Conference, January 2007.
- “Price Indexes for Custom and Own Account Software,” (with Scott Goldfarb, Roger Heller, and Alan G. White), Presented at the National Bureau of Economic Research, Conference on Research in Income and Wealth Joint Workshop with the NBER Productivity Program, July 2006.
- “The Use of Function Points in Developing Price Indexes for Custom Software,” (with Scott Goldfarb and Alan G. White), Presented at the National Bureau of Economic Research, Conference on Research in Income and Wealth Joint Workshop with the NBER Productivity Program, July 2005.
- “Hedonic Price Indexes for Personal Computer Operating Systems and Productivity Suites,” (with Ernst R. Berndt, Cory W. Monroe, and Alan G. White), Presented at the Annual Meetings of the American Economic Association, ASSA Conference, January 2005 and National Bureau of Economic Research, Conference on Research in Income and Wealth Joint Workshop with the NBER Productivity Program, July 2004.
- “Price Indexes for Microsoft’s Personal Computer Software Products,” (with Ernst R. Berndt and Alan G. White), Presented at the National Bureau of Economic Research, Conference on Research in Income and Wealth Joint Workshop with the NBER Productivity Program, July 2003.
- “Deployment of Advanced Telecommunications Infrastructure in Rural America: Measuring the Digital Divide,” (with Todd M. Gabe), Presented at the Annual Meetings of the American Agricultural Economics Association, July 2002.
- “Deployment of ISDN Telecommunications Infrastructure in the Northeastern United States,” (with Todd M. Gabe), Presented at the Annual Meetings of the Northeastern Agricultural and Resource Economics Association, June 2002.

“Entry into Regulated Monopoly Markets: The Development of a Competitive Fringe in the Local Telephone Industry,” Presented at the 28th Annual Telecommunications Policy Research Conference, September 2000.

“Dominant Firm Pricing with Price-Cap Regulation and Fringe Competition: An Economic Analysis of Local Telephone Pricing,” Presented at the 69th Annual Meetings of the Southern Economics Association, November 1999; 27th Annual Telecommunications Policy Research Conference, September 1999; and 13th Annual Edward F. Hayes Graduate Research Forum, The Ohio State University, April 1999.

Invited Seminars

University at Buffalo (Center of Excellence on Human Capital, Department of Economics); Federal Reserve Bank of New York (Microeconomic and Regional Studies); The Ohio State University (School of Public Policy and Management); Emory University (Department of Economics); Ball State University (Department of Economics); Wichita State University (Barton School of Business); New Mexico State University (Department of Economics); Ohio University (McClure School of Communication Systems Management); SUNY Geneseo (John Wiley Jones School of Business); Lafayette College (Department of Economics and Business); Ohio Wesleyan University (Department of Economics).

Media Coverage

National: ABC News, Associated Press, The Atlantic, Bloomberg Businessweek, Bloomberg News, The Boston Globe, Business Insider, CBS News, The Chicago Tribune, The Chronicle of Higher Education, CNBC, CNN Money, Daily Mail, The Economist, The Fiscal Times, Forbes, Fortune, The Guardian, Huffington Post, Inside Higher Education, International Business Times, The Los Angeles Times, MarketWatch, MSN, NBC News, The New Yorker, The New York Times, NPR Marketplace, Philadelphia Inquirer, Politico, Real Money, Reuters, San Francisco Examiner, ThinkAdvisor, Time, USA Today, US News & World Reports, Vox, The Wall Street Journal, The Washington Post, and Yahoo!Finance as well as The Atlantic Cities blog, Bloomberg CityLab blog, The Creative Class blog, Economist’s View blog, The Intangible Economy blog, PBS NewsHour Making Sen\$e blog; Slate MoneyBox blog, The New York Times The Upshot blog, Urban Returns blog, The Wall Street Journal Real Time Economics blog, and The Washington Post Wonkblog.

Regional: Adirondack Daily Enterprise, Albany Times Union, Baltimore Sun, Bergen Record, Buffalo News, Buffalo Business First, Business Review, Chicago Daily Herald, Cleveland Plain Dealer, Columbus Dispatch, Connecticut Post, Crain's New York Business, The Daily Circuit, The Daily Gazette, The Dallas Morning News, Denver Post, Detroit News, El Nueva Dia, Erie Times-News, Glens Falls Post-Star, Greenwich Times, Houston Chronicle, Iowa City Press Citizen, Kansas City Star, Lowell Sun, Macon Telegraph, Milwaukee Journal Sentinel, New York Daily News, New York Post, New York Sun, Newsday, North Country Public Radio, Orlando Sentinel, Portland Press Herald, Rochester Democrat and Chronicle, San Antonio Express, The Saratogian, Science in the Triangle, Stamford Advocate, State Science and Technology Institute Weekly Digest, Star Gazette, Star Ledger, Syracuse Post Standard, Tallahassee Democrat, and WNYC.

Teaching Experience

University at Buffalo:	Introduction to Microeconomics (Instructor)
The Ohio State University:	Principles of Microeconomic Analysis (Instructor) Intermediate Microeconomic Theory (Teaching Assistant) Government and Business (Instructor)
Ohio Wesleyan University:	Industrial Organization (Instructor)
SUNY Geneseo:	Internship in College Teaching of Economics (Selected Lectures, Introduction to Micro/Macroeconomics)

Selected Awards & Honors

Edward F. Hayes Outstanding Graduate Research Associate Award, The National Regulatory Research Institute, The Ohio State University, 1998

Sigma Xi, The Scientific Research Society, The Ohio State University, 1998

Outstanding Graduate Teaching Associate Award, University-wide Finalist, The Ohio State University, 1997

Golden Key National Honors Society, SUNY Geneseo, 1994

Who's Who Among American College and University Students, SUNY Geneseo, 1994

Omicron Delta Epsilon, Economics Honors Society, SUNY Geneseo, 1994

Regents Scholar, SUNY Geneseo, 1990-1994

Service

Business Advisory Council, School of Business, SUNY Geneseo, 2015-present

External Reviewer, Applied Research and Extension Program, Cornell University, 2011-2020

Project Advisory Group, Buffalo-Niagara Labor Market Assessment, University at Buffalo Regional Institute, 2010

Community and Economic Vitality Program Council, Applied Research and Extension Program, Cornell University, 2008-2010

Analyst Coordinator, Analysis Group, Boston Office, 2002-2006

Graduate Student Representative, Curriculum Committee, College of Social and Behavioral Sciences, The Ohio State University, 1998-1999

Student Representative (Elected), Graduate Studies Committee, Department of Economics, The Ohio State University, 1998-1999

Delegate, Council of Graduate Students, The Ohio State University, 1996-1997

President (Elected), School of Business Student Officers, SUNY Geneseo, 1993-1994

Voting Representative (Elected), School of Business Student Officers, SUNY Geneseo, 1992-1993

Other Professional Activities

Chair: Federal Reserve System Committee on Regional Analysis, 2018-2020

Member: NBER Conference on Research in Income and Wealth
(Elected)

Member: American Economic Association, Regional Science Association International,
(Past & Present) Association for Public Policy Analysis and Management, Southern Economics Association, Southern Regional Science Association, New York State Economics Association, Federal Reserve System Committee on Regional Analysis

Organizer: Federal Reserve System Committee on Regional Analysis Annual Research Conference, 2019 and 2020

Discussant: Session on Affordable Housing, American Real Estate and Urban Economics Association, Allied Social Science Association Annual Meeting, January 2019.

Session on Skill Sorting across Metropolitan Areas, Federal Reserve System Committee on Regional Analysis Annual Research Conference, October 2018.

Session on Spatial Patterns of Jobs, People, and House Prices, Federal Reserve System Committee on Regional Analysis Annual Research Conference, November 2017.

Session on Regional Trends, Federal Reserve System Committee on Regional Analysis Annual Research Conference, September 2016.

Session on the New Energy Boom, Federal Reserve System Committee on Regional Analysis Annual Research Conference, November 2014.

Session on Productivity and Regional Economies, 60th Annual North American Meetings of the Regional Science Association International, November 2013.

Session on Regional Labor Markets, Federal Reserve System Committee on Regional Analysis Annual Research Conference, October 2013.

Session on Urban Agglomeration, 51st Annual Meetings of the Southern Regional Science Association, March 2012.

Session on Regional Labor Markets, Federal Reserve System Committee on Regional Analysis Annual Research Conference, October 2011.

Session on Housing Markets, Federal Reserve System Committee on Regional Analysis Annual Research Conference, November 2010.

Session on Empirical Studies of Agglomeration, I Workshop on Urban Economics, Barcelona Institute of Economics (IEB), July 2010.

Session on Equity and Efficiency, Federal Reserve System Committee on Applied Microeconomics Annual Research Conference, May 2010.

Session on Innovation, Productivity, and Economic Performance, 49th Annual Meetings of the Southern Regional Science Association, March 2010.

Session on Trade and Development, 62nd Annual Meetings of the New York State Economics Association, October 2009.

Session on Knowledge- and Creativity-based Occupations and Economic Development, 55th Annual North American Meetings of the Regional Science Association International, November 2008.

Session on Regional Patterns of Human Capital Accumulation, 55th Annual North American Meetings of the Regional Science Association International, November 2008.

Session on Labor Economics, Federal Reserve System Committee on Regional Analysis Annual Research Conference, November 2008.

Session on Labor Economics, 61st Annual Meetings of the New York State Economics Association, October 2008.

Session on Innovation, Productivity, and Economic Performance, 47th Annual Meetings of the Southern Regional Science Association, March 2008.

Session on Human Capital and Inequality, 47th Annual Meetings of the Southern Regional Science Association, March 2008.

Session on Government Size and Public Goods, 69th Annual Meetings of the Southern Economic Association, November 1999.

Judge: North American Regional Science Council Student-led Research Paper Competition, November 2014.

Moderator: Session on Access to Higher Education for Low Income Families, Federal Reserve Bank of Cleveland Policy Summit on Housing, Human Capital, and Inequality, June 2012.

Participant: Roundtable on Employment and Technology, Cornell ILR School, April 2013.

Referee: *Cities; Current Issues in Economics and Finance; Economic Development Quarterly; Economic Policy Review; Economies; Education Finance and Policy; Growth and Change; Industrial and Labor Relations Review; Information Economics and Policy; International Regional Science Review; Journal of Applied Economics; Journal of Economic Geography; Journal of Economic Growth; Journal of Industry, Competition, and Trade; Journal of Law & Economics; Journal of Regional Analysis & Policy; Journal of Regional Science; Journal of Urban Economics; Labour Economics; Papers in Regional Science; Regional Science and Urban Economics; Regional Studies; Review of Economics and Statistics; Review of Industrial Organization; Scottish Journal of Political Economy; The Annals of Regional Science; The Sociological Quarterly; Urban Geography; Urban Studies*

Reviewer: The National Academies, The National Science Foundation

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