

BEBONCHU ATEMS

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September 10, 2021

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EDUCATION

- Ph.D., Economics, Kansas State University, Manhattan, KS, August 2011
 - **Dissertation Title:** “Essays in Nonlinear Macroeconomic Modeling and Econometrics”
 - **Primary Fields:** Macroeconomics, Applied Econometrics, Energy Economics.
 - **Secondary Fields:** Health Economics, Regional Economics
- M.A. Economics, Kansas State University, 2009
- B.A. Economics, University of Maryland at College Park, 2007

EMPLOYMENT

- Associate Dean of Faculty Advancement and Achievement, David D. Reh School of Business, Clarkson University, 2021 - present
- Professor, Economics and Financial Studies. Clarkson University, 2021 – present
- Associate Professor, Economics and Financial Studies. Clarkson University, 2017 – 2021
- Assistant Professor, Economics and Financial Studies. Clarkson University, 2011 – 2017

OTHER POSITIONS

- Visiting Scholar, UFR Droit et Économie, L’Université de La Réunion, Réunion, France, 2019
- Visiting Professor, Kansas State University, August 2014-December 2014

EDITORIAL POSITIONS

- Editorial Board, *Journal of Arid Lands and Natural Resources*, 2019 - present

GRANTS

- Clarkson University Institute for a Sustainable Environment. Revealed and Stated Preference Approaches to Predicting Residential Solar PV Adoption. Co- PI, \$25,000. Co-PIs: Stephen Bird, Lisa Legault, and Martin Heintzelman

CONSULTING

- The Ewing Marion Kauffman Foundation

HONORS AND AWARDS

- PHALANX Commendable Leadership Award (Highest University Award), Clarkson University, 2021
- PHALANX Commendable Service Award, Clarkson University, 2021
- Martin Luther King Jr. Award, Clarkson University, 2021
- David D. Reh School of Business Faculty Research Award (awarded annually for recent research accomplishments by a faculty member), 2020
- Ralph Janaro Memorial Faculty Award, Beta Gamma Sigma, Clarkson University, 2017
- Clarkson University Outstanding New Teacher Award (highest university award for outstanding teaching by a new professor), 2013
- Clarkson University Student Association (CUSA) Outstanding Teacher Award (awarded by CUSA for outstanding teaching and contribution to education at Clarkson University), 2013
- Ralph Janaro Memorial Faculty Award, Beta Gamma Sigma, Clarkson University, 2013
- Lambda Chi Alpha Outstanding Faculty Member, Kansas State University, 2011
- James Ragan Memorial Scholarship Award, Department of Economics, Kansas State University, 2010
- Graduate Student Paper Award, Department of Economics, Kansas State University, 2010
- Graduate Student Teaching Award, Department of Economics, Kansas State University, 2009

REFEREED JOURNAL PUBLICATIONS

(Student co-authors are listed in bold)

Forthcoming

31. Atems, Bebonchu and William Blankenau. The 'Time-Release', Crime-Reducing Effects of Public Education Spending. *Economics Letters*
30. Atems, Bebonchu and Jules Yimga. "Quantifying the Impact of the COVID-19 Pandemic on US Airline Stock Prices". *Journal of Air Transport Economics*
29. Explaining Fluctuations in Jet Fuel Prices and Their Impacts on the U.S. Aviation Industry. *Transport Research Interdisciplinary Perspectives*

2021

28. Atems, Bebonchu and Naafey Sardar. "Exploring Asymmetries in the Impact of El Nino Southern Oscillation on U.S. Food and Agricultural Stock Prices", *Quarterly Review of Economics and Finance*, August 2021, vol. 81, pp. 1-14
27. Atems, Bebonchu and William Blankenau. "'Time-Release' Output Responses to Public Education Expenditures", *Macroeconomic Dynamics*, January 2021, vol.

26. Atems Bebonchu, **Emily McGraw**, **Michael Maresca**, and **Baomei Ma**. "The Impact of El Niño-Southern Oscillation on U.S. Food and Agricultural Stock Prices", *Water Resources and Economics*, October 2020, vol. 32, 100157.
25. Atems, Bebonchu and **Claire Liu**. "Government Education Expenditures, Taxation, and Growth: A State-Level Analysis." *Applied Economics Letters*, January 2020, vol. 27, pp. 1730-1734

2020

24. Atems, Bebonchu and **Grayden Shand**. "Entrepreneurship and Income Inequality: A Spatial Econometric Approach", *Journal of Income Distribution*, March-June 2020, vol. 29, 115-137
23. Atems, Bebonchu. "An Empirical Characterization of the Dynamic Effects of Police Spending on Violent and Property Crime Rates", *Economic Inquiry*, April 2020, vol. 58, pp. 717-744
22. Atems, Bebonchu. "Identifying the Effect of Income Inequality on Crime", *Oxford Bulletin of Economics and Statistics*, August 2020, vol. 82, pp. 751-782

2019

21. Atems, Bebonchu. "Public Health Expenditures, Taxation, and Growth", *Health Economics*, September 2019, vol. 28, pp. 1146-1150
20. Atems, Bebonchu and Mark Melichar. "Do Global Crude Oil Market Shocks Have Differential Effects on Us Regions?", *Macroeconomic Dynamics*, July 2019, vol. 23, pp. 1978-2008
19. Atems, Bebonchu. "The Effects of Government Spending Shocks: Evidence from U.S. States", *Regional Science and Urban Economics*, January 2019, vol. 74, 65-80
18. Atems, Bebonchu, and Mark Melichar. "Global Crude Oil Market Shocks and Global Commodity Prices", *OPEC Energy Review*, March 2019, vol. 43, pp. 92-105
17. Atems, Bebonchu, Lance Bachmeier, and **Corey Williams**. "Do Jet Fuel Price Movements Help Forecast Airline Fares and the Demand for Air Travel?", *Applied Economics Letters*, 2019, vol. 26, pp. 877-882

2018

16. Atems, Bebonchu. "Regional Heterogeneity in the Relationship Between Inequality and Growth: Evidence from Panel Vector Autoregressions", *Journal of Economic Asymmetries*, June 2018, vol. 17, pp. 41-47
15. Bebonchu Atems and **Grayden Shand**. "An Empirical Analysis of the Relationship between Entrepreneurship and Income Inequality", *Small Business Economics*, January 2018, pp. 1-18
14. Atems, Bebonchu and **Chelsea Hotaling**. "Renewable and Nonrenewable Electricity Generation and Economic Growth" *Energy Policy*, January 2018, vol. 112, pp. 111-118
13. Atems, Bebonchu, and Andrew Ojede. "The Direct and Indirect Effects of Fiscal Policy on Economic Growth at the U.S. State Level", *Growth and Change*, March 2018, vol. 49, pp. 122-141

12. Cho, Na-Eun, Weiling Ke, Bebonchu Atems, and Jongwha Chang. "How Does Electronic Health Information Exchange Affect Hospital Performance Efficiency? The Effects of Breadth and Depth of Information Sharing" *Journal of Healthcare Management*, May-June 2018, vol. 63, pp. 212-228

2016

11. Atems, Bebonchu and John K. Mullen. "Outward FDI from the U.S. and Host Country Financial Transparency", *Journal of International Trade and Economic Development*, June 2016, vol. 25, pp. 1122-1143.
10. Atems, Bebonchu, and Jason Bergtold. "Revisiting the Statistical Specification of Near-Multicollinearity in the Logistic Regression Model", *Studies in Nonlinear Dynamics and Econometrics*, April 2016, vol. 20, pp. 199-210.

2015

9. Babcock, Michael, and Bebonchu Atems. "Intratrailroad and Intermodal Competition Impacts on Railroad Wheat Rates", *Journal of the Transportation Research Forum*, Fall 2015, vol. 54, pp. 61-84.
8. Atems, Bebonchu, **Devin Kapper**, and Eddery Lam. "Do Exchange Rates Respond Asymmetrically to Shocks to the Crude Oil Market", *Energy Economics*, May 2015, vol. 49, pp. 227-238.
7. Atems, Bebonchu. "A Note on the Determinants of Long-Run Aggregate State Productivity Growth" *Applied Economics Letters*, March 2015, vol. 22, pp. 1287-1292.
6. Atems, Bebonchu, and Jason Jones. "Income Inequality and Economic Growth: A Panel Vector Autoregression Approach", *Empirical Economics*, June 2015, vol. 48, pp. 1541-1561.
5. Atems, Bebonchu. "Another Look at Tax Policy and State Economic Growth: The Long-run and Short-run of it", *Economics Letters*, February 2015, vol. 127, pp. 64-67.

2014

4. Atems, Bebonchu, Na-Eun Cho, and Jongwha Chang. "The Effects of Health Information Technology (IT) adoption and Hospital-Physician Integration on Hospital Efficiency" *American Journal of Managed Care*, November 2014, vol. 20, pp. 9-15.

2013

3. Atems, Bebonchu, and Eddery Lam. "The Response of U.S. States to Exogenous Oil Supply and Monetary Policy Shocks", *Research in Applied Economics*, August 2013, vol. 5, pp. 106-128.
2. Atems, Bebonchu. "A Note on the Differential Regional Effects of Income Inequality: Empirical Evidence Using U.S. County-Level Data", *Journal of Regional Science*, October 2013, vol. 53, pp. 656-671.
1. Atems, Bebonchu. "The Spatial Dynamics of Growth and Inequality: Evidence Using U.S. County Level Data", *Economics Letters*, January 2013, vol. 118, pp. 19-22.

PAPERS UNDER REVISION

1. Atems, Bebonchu and Lance Bachmeier. "The Economic Case for Climate Action in the United States: Renewable Energy Shocks and Aggregate Macroeconomic Behavior" *The BE Journal of Macroeconomics*

SUBMITTED PAPERS

1. Atems, Bebonchu. "The Dynamic Effects of Education on Crime", *Empirical Economics*
2. The Economic and Financial Market Reactions to the COVID-19 Pandemic: Evidence from High Frequency Data. *Journal of Policy Modeling*
3. Atems, Bebonchu and Jehu Mette. "Do Shocks to Renewable Energy Consumption Impact Food Prices?" *Energy Economics*
4. Atems, Bebonchu. "Estimating and Forecasting the Impact of Nonrenewable Energy Prices on Renewable Energy Demand". *Energy Journal*
5. Atems, Bebonchu and Naafey Sardar. "Revisiting the Impact of Technology and Nontechnology Shocks: Evidence from U.S. States", *Empirical Economics*

CURRENT WORKING PAPERS

1. Atems, Bebonchu. "The Macroeconomic Effects of Renewable Energy Shocks: Evidence from U.S. States", manuscript, July 2020
2. Atems, Bebonchu. "The Employment and Wage Effects of Renewable Energy Shocks", manuscript, July 2020
3. Atems, Bebonchu. "How Does Education Spending Impact Income Inequality?", manuscript, August 2020
4. Atems, Bebonchu. "Public Education Expenditures and Crime in the United States", manuscript, January 2020
5. Atems, Bebonchu and Diego Nocetti. "The Effects of Income Inequality in Good Times and Bad", manuscript, January 2018
6. Atems, Bebonchu and Christine Gohl. "The Effect of Surprise Technology Shocks on Business Employment Dynamics", manuscript, September 2021

UNPUBLISHED MANUSCRIPTS

1. Atems, Bebonchu, Stephen Bird, and Ross Miller. "Fracking in the Empire State: Environmental Coproduction, Stakeholder Perceptions, and Policy Type", manuscript, June 2014
2. Atems, Bebonchu and Lance Bachmeier. "Does the Stock Market React Slowly to Oil Shocks?", manuscript January 2015
3. Atems, Bebonchu, Martin Heintzelman, and Chuan Tang. "Predicting Residential Solar Adoption: Evidence from the State of New York", manuscript December 2018

4. Atems, Bebonchu, Megan Collier, and Troy Feldman. "Income Inequality and Aggregate State Productivity Growth", manuscript April 2018
5. Atems, Bebonchu and J. Paul Elhorst. "Disentangling Short and Long Run Direct and Spatial Spillover Effects of Income Inequality on U.S. Growth", manuscript April 2013

PRESENTATIONS AT ACADEMIC INSTITUTIONS

2021

- Department of Economics, Bentley University

2020

- Cameron School of Business, University of North Carolina at Wilmington
- Department of Economics, School of Business, Washburn University
- Department of Finance and Economics, McCoy College of Business, Texas State University

2019

- UFR Droit et Économie, Université de La Réunion
- Anderson College of Business, Regis University

2017

- David D. Reh School of Business, Clarkson University
- Heider College of Business, Creighton University
- Department of Economics, University of Texas at Dallas

2016

- David D. Reh School of Business, Clarkson University
- Department of Economics, University of Texas at Dallas

2015

- Department of Economics, College of Business Administration, Marquette University
- David D. Reh School of Business, Clarkson University

2014

- Department of Economics, Clark University

2011

- Department of Economics, College of Business and Economics, North Carolina Agricultural and Technical State University
- Department of Economics, Albers School of Business and Economics, Seattle University
- School of Business, Clarkson University
- Department of Economics, University of the Pacific
- Department of Economics, Furman University

- Department of Economics, Bryant University

CONFERENCE PRESENTATIONS AND PARTICIPATION

2017

- Southern Economics Association (SEA) Conference, Tampa, FL, November
- Missouri Valley Economics Association Annual Meeting, Kansas City, MO, October

2016

- Western Economics Association International (WEAI), Nanyang Technological University, Singapore, January

2013

- Big Data & Analytics Education Conference, Las Vegas, NV, November
- Missouri Valley Economics Association Annual Meeting, Kansas City, MO, October
- Allied Social Science Association (ASSA), San Diego, CA, January

2012

- Western Economics Association International (WEAI), San Francisco, CA, June

2011

- Allied Social Science Association (ASSA), Denver, CO, January
- Missouri Valley Economics Association Annual Meeting, Kansas City, MO, October

TEACHING EXPERIENCE

- **Graduate:** Applied Economics, Econometrics, Data Mining, Probability and Statistics for Analytics, Pre-MBA Statistics
- **Undergraduate:** Introduction to Econometrics, Principles of Macroeconomics, Principles of Microeconomics, Intermediate Macroeconomics,

COMMITTEE AND COMMUNITY SERVICE

- Global Academic Partnerships, Office of the Provost, Clarkson University, 2021 – present
- Presidential Search Committee, Clarkson University, 2021-2022
- Director of Campus Safety Search Committee, Clarkson University, 2021
- University Faculty Development Committee, Clarkson University, 2021 – present
- Research Advisory Committee, Clarkson University, 2021 – present
- Academic Anti-Racism Task Force, Office of the Provost, Clarkson University, 2020 – 2021
- Environmental Economics Search Committee (Chair), David D. Reh School of Business, Clarkson University, 2020 – 2021

- African American/Indigenous American Studies Search Committee, Department of Humanities and Social Sciences, School of Arts and Sciences, Clarkson University, 2020 – 2021
- Faculty Development Committee, David D. Reh School of Business, Clarkson University, 2020 – 2021
- Strategic Planning Committee, David D. Reh School of Business, Clarkson University, 2020 – 2021
- Undergraduate Policy Committee (Chair), David D. Reh School of Business, Clarkson University, 2018
- Economics Search Committee, David D. Reh School of Business, Clarkson University, 2018
- Awards Committee, David D. Reh School of Business, Clarkson University, 2018
- Faculty Development Committee, David D. Reh School of Business, Clarkson University, 2017 - 2018
- Data Science and Analytics Design Committee, Clarkson University, 2013
- Sustainable Solutions in the Developing World, Clarkson University, 2012
- Common Experience Committee, Clarkson University, 2013 – 2015
- Faculty Senate Library Committee, Clarkson University, 2013 - 2016
- Governance Committee, School of Business, Clarkson University, 2013 - 2015
- University Awards Committee, Clarkson University, 2013 - 2014
- Graduate Admissions Committee, Clarkson University School of Business, 2013 - 2014
- Graduate Policy Committee: Ad Hoc Committee on Experiential/Global MBA, 2013
- Global Business Programs (Uganda and Kenya), Clarkson University, 2012, 2013, 2014, 2016, 2017, 2019

GRADUATE STUDENT SUPERVISION

- Ross A. Miller (MA, 2014): Committee Member
- Chuan Tang (PhD, 2017): Committee Member
- Claudia Bustamante (PhD, in progress): Committee Member

UNDERGRADUATE RESEARCH MENTOR

- Corey Williams, BS, Financial Information and Analysis
- Michael Maresca, BS, Financial Information and Analysis
- Baomei Ma, BS, Financial Information and Analysis
- Grayden Shand, BS, Innovation and Entrepreneurship
- Claire Liu, BS, Global Supply Chain Management
- Emily McGraw, BS, Financial Information and Analysis

FACULTY MENTOR

- Dr. Michael Sacks (2021 – present)

- Dr. Rohan Crichton (2021 – present)

TEACHING PAIR MENTOR

- Dr. Alison Mackey (Fall 2020-Spring 2021)

MID-TENURE REVIEWS

- Dr. Tyson Mackey (Spring 2021)
- Dr. Jose (Jay) Vega (Spring 2018)
- Dr. Zhaleh Semnani-Azad (Spring 2018)

STUDENT ORGANIZATION ADVISING

- Black Leaders Advocate for Change, 2020 – present
- Clarkson Cornhole Club, 2019 – present
- Clarkson Microfinance Club, 2020 – present

REFEREE EXPERIENCE

- Applied Economics
- Applied Economics Letters
- Bulletin of Economic Research
- Contemporary Economic Policy
- Eastern Economic Journal
- Economics Bulletin
- Economics Letters
- Economic Systems
- Empirical Economics
- Energy Economics
- Energy Journal
- Energy Policy
- Health
- Journal of Arid Lands and Natural Resources
- Journal of Accounting and Taxation
- Journal of Criminal Justice
- Journal of Economic Growth
- Journal of Income Distribution
- Journal of International Development
- Journal International Economics and Economic Policy
- Journal of Quantitative Criminology
- Journal of Regional Science
- Mineral Economics

- PACIS Conference
- Sustainability
- Small Business Economics
- The Quarterly Review of Economics and Finance
- Transport Policy

PROFESSIONAL AFFILIATIONS

- American Economic Association
- Canadian Economic Association
- The Econometric Society
- Southern Economics Association
- Western Economics Association