

BEBONCHU ATEMS

AUGUST 20, 2025

Home Address:

2018 River Rd
Potsdam, NY 13676

Email: batems@nsu.edu

Office: (757) 823-8051

Office Address:

304.26 Brown Hall
Norfolk, VA 23504

EDUCATION

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

ADMINISTRATIVE AND LEADERSHIP EXPERIENCE

Administrative Experience

- Dean, School of Business, Norfolk State University, July 2025 – present.
- Dean, David D. Reh School of Business, Clarkson University, July 2024 – June 2025.
- Interim Dean, David D. Reh School of Business, Clarkson University, July 2023 – June 2024.
- Associate Dean of Faculty Affairs and Research, David D. Reh School of Business, Clarkson University, July 2022 – June 2023.
- Associate Dean of Faculty Advancement and Achievement, David D. Reh School of Business, Clarkson University, July 2021 – June 2022.

OTHER ADMINISTRATIVE AND LEADERSHIP ROLES

- Deans Council (In the absence of a Provost, collectively led Academic Affairs with fellow deans), Clarkson University, July 2024 – June 2025.
- Provost Search Committee (Chair), Clarkson University, November 2022 – June 2023.
- Presidential Transition Committee (Co-Chair), Clarkson University, March 2022 – October 2022.
- Academic Antiracism Task Force, Office of the Provost, Clarkson University, November 2020 – present.
- University Climate and Engagement Committee, Clarkson University, July 2021 – present.

ACADEMIC EXPERIENCE

Full-time Positions

- Professor, Norfolk State University, July 2025 – present.
- Elmer D. Gates '50 Endowed Professor of Innovative Business Culture, July 2024 – June 2025.

- Professor, Clarkson University, July 2021 – June 2025.
- Associate Professor, Clarkson University, July 2017 – June 2021.
- Assistant Professor, Clarkson University, July 2011 – June 2017.

Visiting Positions

- Visiting Scholar, University of Ghana, May 2023 – August 2023.
- Visiting Scholar, L'Université de La Réunion, Réunion, France, 2019.
- Visiting Professor, Kansas State University, August 2014 – December 2014.

GRANTS

- Clarkson University Institute for a Sustainable Environment Research Grant. Revealed and Stated Preference Approaches to Predicting Residential Solar Photovoltaic Adoption. Co- PI, \$25,000. Co-PIs: Stephen Bird, Lisa Legault, and Martin Heintzelman.
- David D. Reh School of Business Reh Family Endowed Chair in Entrepreneurial Leadership Research Grant. The Impact of Technology Shocks on Entrepreneurial Job Creation: U.S. and International Evidence. PI, \$5000.

CONSULTING

- The Ewing Marion Kauffman Foundation, August 2019 – February 2022.

HONORS AND AWARDS

Clarkson University

- PHALANX Commendable Leadership Award (highest university leadership award), 2025.
- PHALANX Commendable Leadership Award, 2021.
- PHALANX Commendable Service Award (highest university service award), 2021.
- Martin Luther King Jr. Award (highest university award to a university employee for fostering social justice and equality), 2021.
- David D. Reh School of Business Faculty Research Award (awarded annually for recent research accomplishments by a faculty member), 2020.
- Dr. Ralph Janaro Memorial Faculty Teaching Award, 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.
- Dr. Ralph Janaro Memorial Faculty Teaching Award, 2013.

Kansas State University

- Lambda Chi Alpha Outstanding Faculty Member, 2011.
- James Ragan Memorial Scholarship Award, Department of Economics, 2010.
- Graduate Student Research Paper Award, Department of Economics, 2010.
- Graduate Student Teaching Award, Department of Economics, 2009.

International

- University of Ghana-Carnegie African Diaspora Fellowship Linkage Program, 2023.

RESEARCH AND SCHOLARSHIP

Refereed Journal Publications

(Student co-authors are listed in bold)

1. Atems, Bebonchu and Jehu Mette. "The Impact of Biomass Consumption on US Food Prices", *Journal of Environmental Planning and Management*, May 2023.
2. Atems, Bebonchu. "Estimating and Forecasting the Impact of Nonrenewable Energy Prices on Renewable Energy Demand", *Energy Policy*, February 2023, vol. 173, 113374.
3. Atems, Bebonchu and Jehu Mette. "The Propagation of Health Spending Shocks", *Applied Economics Letters*, October 2022.
4. Atems, Bebonchu and William Blankenau. "The 'Time-Release', Crime-Reducing Effects of Public Education Spending. *Economics Letters*, December 2021, Vol. 209, 110143.
5. Atems, Bebonchu and Jules Yimga. "Quantifying the Impact of the COVID-19 Pandemic on US Airline Stock Prices". *Journal of Air Transport Economics*, October 2021, vol. 97, 102141.
6. Atems, Bebonchu. The Response of the U.S. Aviation Industry to Demand and Supply Shocks in the Oil and Jet Fuel Markets. *Transport Research Interdisciplinary Perspectives*, September 2021, vol. 11, 100452.
7. 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.
8. Atems, Bebonchu and William Blankenau. "'Time-Release' Output Responses to Public Education Expenditures", *Macroeconomic Dynamics*, January 2021, vol. 195, 1-39.
9. 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.
10. 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.
11. Atems, Bebonchu and **Grayden Shand**. "Entrepreneurship and Income Inequality: A Spatial Econometric Approach", *Journal of Income Distribution*, March-June 2020, vol. 29, 115-137.
12. 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.
13. Atems, Bebonchu. "Identifying the Effect of Income Inequality on Crime", *Oxford Bulletin of Economics and Statistics*, August 2020, vol. 82, pp. 751-782.

14. Atems, Bebonchu. "Public Health Expenditures, Taxation, and Growth", *Health Economics*, September 2019, vol. 28, pp. 1146-1150.
15. 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.
16. Atems, Bebonchu. "The Effects of Government Spending Shocks: Evidence from U.S. States", *Regional Science and Urban Economics*, January 2019, vol. 74, 65-80.
17. Atems, Bebonchu, and Mark Melichar. "Global Crude Oil Market Shocks and Global Commodity Prices", *OPEC Energy Review*, March 2019, vol. 43, pp. 92-105.
18. 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.
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.
17. Bebonchu Atems and **Grayden Shand**. "An Empirical Analysis of the Relationship between Entrepreneurship and Income Inequality", *Small Business Economics*, January 2018, pp. 1-18.
18. Atems, Bebonchu and **Chelsea Hotaling**. "Renewable and Nonrenewable Electricity Generation and Economic Growth" *Energy Policy*, January 2018, vol. 112, pp. 111-118.
19. 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.
20. 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.
21. 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.
22. 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.
23. Babcock, Michael, and Bebonchu Atems. "Intrarailroad and Intermodal Competition Impacts on Railroad Wheat Rates", *Journal of the Transportation Research Forum*, Fall 2015, vol. 54, pp. 61-84.
24. 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.
25. Atems, Bebonchu. "A Note on the Determinants of Long-Run Aggregate State Productivity Growth" *Applied Economics Letters*, March 2015, vol. 22, pp. 1287-1292.
26. Atems, Bebonchu, and Jason Jones. "Income Inequality and Economic Growth: A Panel Vector Autoregression Approach", *Empirical Economics*, June 2015, pp. 1541-1561.

27. 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.
28. 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.
29. 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.
30. 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.
31. 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 Jehu Mette. "Renewable Energy Shocks and Aggregate Macroeconomic Behavior", *The BE Journal of Macroeconomics*.
2. Atems, Bebonchu and Jehu Mette. "The Dynamic Effects of Educational Attainment on Crime", *Education Economics*.

Submitted Papers

1. Atems, Bebonchu. "The Economic and Financial Market Reactions to the COVID-19 Pandemic: Evidence from High Frequency Data", *Journal of Policy Modeling*.
2. Atems, Bebonchu and Naafey Sardar. "Revisiting the Impact of Technology and Nontechnology Shocks: Evidence from U.S. States", *Empirical Economics*.
3. Atems, Bebonchu and Christine Gohl. "The Impact of Technology Shocks on Job Creation: U.S. and International Evidence", *Journal of Business Venturing*.
4. Atems, Bebonchu. "How Does Education Spending Impact Income Inequality?", *Economics of Education Review*.

Current Working Papers

1. Atems, Bebonchu. "The Macroeconomic Effects of Renewable Energy Shocks: Evidence from U.S. States", manuscript, July 2020.
2. Atems, Bebonchu. "Labor Market Conditions and Crime: Evidence from U.S. State-level Data, July 2020.
3. Atems, Bebonchu. "The Employment and Wage Effects of Renewable Energy Shocks", manuscript, July 2020.
4. Atems, Bebonchu and Diego Nocetti. "The Effects of Income Inequality in Good Times and Bad", manuscript, January 2018.
5. Atems, Bebonchu. "Asymmetric Effects of Large and Small Changes in Income Inequality on Economic Growth: Evidence from the States", manuscript, March 2017.
6. Atems, Bebonchu. "Renewable and Nonrenewable Energy Shocks and Air Pollution", manuscript, June 2017.

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

- School of Business, Norfolk State University, November 2024.
- Department of Economics, Trinity University, November 2024.
- Richard J. Bolte, Sr. School of Business, Mount St. Mary's University, January 2023.
- School of Business, Heidelberg University, October 2022.
- Department of Economics, Bentley University, January 2021.
- Cameron School of Business, University of North Carolina Wilmington, January 2020.
- Department of Economics, School of Business, Washburn University, February 2020.
- Department of Finance and Economics, McCoy College of Business, Texas State University, March 2020.
- UFR Droit et Économie, L'Université de La Réunion, October 2019.
- UFR Droit et Économie, L'Université de La Réunion, September 2019.
- Anderson College of Business, Regis University, July 2019.
- David D. Reh School of Business, Clarkson University, April 2017.
- Heider College of Business, Creighton University, February 2017.
- Department of Economics, University of North Texas, March 2017.
- David D. Reh School of Business, Clarkson University, September, 2016.
- Department of Economics, University of North Texas, February 2016.
- Department of Economics, Marquette University, January 2015.
- David D. Reh School of Business, Clarkson University, March 2015.
- Department of Economics, Clark University, February 2014.
- Department of Economics, College of Business and Economics, North Carolina Agricultural and Technical State University, January 2011.
- Department of Economics, Albers School of Business and Economics, Seattle University, February 2011.
- School of Business, Clarkson University, February 2011.
- Department of Economics, University of the Pacific, February 2011.
- Department of Economics, Furman University, January 2011.
- Department of Economics, Bryant University, January 2011.

Conference Presentations and Participation

- Allied Social Science Association (ASSA), Atlanta, GA, January 2019.
- Southern Economics Association (SEA) Conference, Tampa, FL, November, 2017.
- Missouri Valley Economics Association Meeting, Kansas City, MO, October 2017.
- Western Economics Association International, Nanyang Technological University, Singapore, January 2016.
- Big Data & Analytics Education Conference, Las Vegas, NV, November 2013.
- Missouri Valley Economics Association Meeting, Kansas City, MO, October 2013.
- Allied Social Science Association (ASSA), San Diego, CA, January 2013.
- Western Economics Association International (WEAI), San Francisco, CA, June 2013.
- Allied Social Science Association (ASSA), Denver, CO, January 2013.
- Missouri Valley Economics Association Meeting, Kansas City, MO, October 2013.

TEACHING EXPERIENCE

Graduate Courses Taught

Clarkson University

- EC604: Applied Economics (Fall 2020, Fall 2021, Fall 2022)
- EC611: Econometrics (Fall 2013)
- IA530: Probability and Statistics for Analytics (Spring 2016, Spring 2018, Spring 2021, Spring 2022, Spring 2023)
- IA650: Data Mining (Spring 2015)
- SB550: Pre-MBA Module: Statistics (Summer 2015, Summer 2016, Summer 2017, Summer 2018, Summer 2021, Summer 2022, Summer 2023)

University of Ghana

- ECON712: PhD Advanced Monetary Economics II (Summer 2023)
- ECON702: PhD Applied Econometrics (Summer 2023)

Undergraduate Courses Taught

Clarkson University

- EC311: Introduction to Econometrics (Fall 2011, Spring 2012, Fall 2012, Spring 2013, Fall 2013, Spring 2014, Spring 2015, Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017, Spring 2018, Spring 2020, Summer 2020, Fall 2020, Spring 2021)
- EC151: Principles of Macroeconomics (Spring 2015)
- UNIV399: Global Experience (Spring 2012, Spring 2013, Spring 2014, Spring 2016, Spring 2017, Spring 2019, Spring 2022)

Kansas State University

- ECON110: Principles of Macroeconomics (Summer 2008, Fall 2008, Spring 2009, Fall 2009, Spring 2010, Spring 2011, Fall 2014)
- ECON120: Principles of Microeconomics (Fall 2014)
- ECON510: Intermediate Macroeconomics (Summer 2008)

University of Ghana

- ECON314: Macroeconomic Theory II (Summer 2023)

UNIVERSITY AND PROFESSIONAL SERVICE

Clarkson University Service

Committee Service

- Provost Search Committee (Chair), November 2022 – present.
- Presidential Transition Committee (Co-Chair), March 2022 – October 2022.
- Presidential Search Committee, July 2021 – March 2022.
- University Administrative Council, July 2021 – present.
- University International Committee, August 2021 – present.
- International Academic Partnerships, Office of the Provost, July 2021 – June 2022.
- University Climate and Engagement Committee (Co-Chair), July 2021 – June 2022.
- Director of Campus Safety and Security Search Committee, June 2021 – October 2021.
- Provost Committee for Faculty Development and Programming, July 2021 – present.
- Leadership Development Committee, July 2021 – present.
- Research Advisory Committee, July 2021 – present.
- Academic Anti-Racism Task Force, Office of the Provost, November 2020 – present.
- African American/Indigenous American Studies Search Committee, Department of Humanities and Social Sciences, September 2020 – April 2021.
- Data Science and Analytics Design Committee, January 2013 – June 2014.
- Sustainable Solutions in the Developing World, Institute for a Sustainable Environment, January 2012 – June 2014.
- Common Experience Committee, January 2013 – June 2015.
- Faculty Senate Library Committee, July 2013 – June 2016.
- Faculty Awards Committee, Clarkson University, July 2013 – June 2014.

Graduate Student Supervision

- Ross A. Miller (MA, 2014): Committee Member
- Chuan Tang (PhD, 2017): Committee Member
- Benjamin Buck (MS, 2022): Committee Member
- Claudia Bustamante (PhD, in progress): Committee Member
- Corey Williams (PhD, in progress): Committee Member

Student Organization Advising

- Black Leaders Advocate for Change, April 2020 – June 2025.
- Clarkson Cornhole Club, July 2019 – June 2025.
- Clarkson Microfinance Club, July 2020 – June 2025.

Teaching Pair Mentor

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

David D. Reh School of Business Service

Committee Service

- Instructor of Data Science Search Committee, March 2023 – May 2023.

- Visiting Assistant Professor of Economics Search Committee, January 2023 – April 2023.
- Faculty Awards Committee, March 2022 – present.
- Supply Chain/Engineering and Management Tenure-track Search Committee, September 2021 – February 2022.
- Environmental Economics Search Committee (Chair), September 2020 – March 2021.
- Visiting Assistant Professor of Economics Search Committee (Chair), March 2021 – May 2021.
- Faculty Development Committee, July 2020 – present.
- Strategic Planning Committee, July 2020 – June 2021.
- Undergraduate Policy Committee (Chair), January 2018 – June 2018.
- Economics Search Committee, September 2018 – April 2019.
- Awards Committee, January 2018 – March 2018.
- Faculty Development Committee, July 2017 – June 2018.
- Committee-on-Committees Committee, July 2013 – June 2015.
- Graduate Admissions Committee, July 2013 – June 2014.
- Graduate Policy Ad Hoc Committee on Global MBA, January 2013 – June 2013.

Undergraduate Research Mentor

- Corey Williams, (BS, 2018) Financial Information and Analysis
- Michael Maresca, (BS, 2017) Financial Information and Analysis
- Baomei Ma, (BS, 2017) Financial Information and Analysis
- Grayden Shand, (BS, 2018) Innovation and Entrepreneurship
- Claire Liu, (BS, 2019) Global Supply Chain Management
- Emily McGraw, (BS, 2018) Financial Information and Analysis

Faculty Mentor

- Dr. Michael Sacks (2021)
- Dr. Rohan Crichton (2021)

Mid-Tenure Reviews

- Dr. Michael Sacks (Fall 2022)
- Dr. Rohan Crichton (Fall 2022)
- Dr. Tyson Mackey (Spring 2021)
- Dr. Jose (Jay) Vega (Spring 2018)
- Dr. Zhaleh Semnani-Azad (Spring 2018)

Professional Service

Editorial Positions

- Editorial Board, *Journal of Arid Lands and Natural Resources*, 2019 – June 2023.

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
- 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

REFERENCES

Available upon request