

# BEBONCHU ATEMS

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**Citizenship:** Cameroon, U.S.A.

## 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 Professor, Economics and Financial Studies. Clarkson University, 2017- present
- Assistant Professor, Economics and Financial Studies. Clarkson University, 2011 - 2017
- Visiting Professor, Kansas State University, August 2014-December 2014

## GRANTS

- Clarkson University Institute for a Sustainable Environment. Revealed and Stated Preference Approaches to Predicting Residential Solar PV Adoption. Co- PI, \$25,000.

## HONORS AND AWARDS

- 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 (awarded by Clarkson University School of Business chapter of Beta Gamma Sigma for outstanding performance by a faculty member), 2013, 2017
- Lambda Chi Alpha Outstanding Faculty Member, Kansas State University, 2011
- James Ragan Memorial Scholarship Award for outstanding academic achievement, 2010
- Best Graduate Paper Award, Department of Economics, Kansas State University, 2010
- Graduate Student Teaching Award, Department of Economics, Kansas State University, 2009

## TEACHING EXPERIENCE

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

## GRADUATE STUDENT ADVISING

- Ross A. Miller (MA, 2014): Committee Member
- Chuan Tang (PhD, 2017): 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 (in progress)
- Emily McGraw, BS, Financial Information and Analysis (in progress)

## REFEREED JOURNAL PUBLICATIONS

(Student co-authors are listed in bold)

### Forthcoming

25. Atems, Bebonchu. "An Empirical Characterization of the Dynamic Effects of Police Spending on Violent and Property Crime Rates", *Economic Inquiry*
24. Atems, Bebonchu. "Identifying the Effect of Income Inequality on Crime", *Oxford Bulletin of Economics and Statistics*
23. 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*
22. Atems, Bebonchu and **Claire Liu**. "Government Education Expenditures, Taxation, and Growth: A State-Level Analysis." *Applied Economics Letters*

### 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.

### **REVISE AND RESUBMITS**

1. Atems, Bebonchu. "Exploring Asymmetries in the Impact of El Nino Southern Oscillation on Food and Agricultural Stock Returns", *Ecological Economics*
2. Atems, Bebonchu and William Blankenau. "'Time-Release' Output Responses to State and Local Education Expenditures", under review, *Macroeconomic Dynamics*

### **SUBMITTED PAPERS**

1. Atems, Bebonchu. "The Dynamic Effects of Education on Crime"
2. Atems, Bebonchu and Lance Bachmeier. "How Does the U.S. Economy Respond to Renewable Energy Shocks?"
3. Bird, Stephen, Ross Miller, and Bebonchu Atems. "Fracking in the Empire State: Environmental Coproduction, Stakeholder Perceptions, and Policy Type"
4. Atems, Bebonchu and **Grayden Shand**. "An Empirical Analysis of the Relationship between Entrepreneurship and Income Inequality: Evidence from a Dynamic Spatial Econometric Model"
5. Atems, Bebonchu, Martin Heintzelman, and Chuan Tang. "Predicting Residential Solar Adoption: Evidence from the State of New York"

### **WORKING PAPERS**

1. Atems, Bebonchu and Lance Bachmeier. "The Impact of Energy Market Shocks on Aviation Industry Profits and Airfares"
2. Atems, Bebonchu. "The Impact of Renewable Energy Shocks: Evidence from U.S. States"
3. Atems, Bebonchu. "The Employment and Wage Effects of Renewable Energy Shocks"

4. Atems, Bebonchu, Corey Williams, and Nick McDonald. "Explaining Fluctuations in Jet Fuel Prices and Their Impact on the U.S. Aviation Industry"
5. Atems, Bebonchu and Diego Nocetti. "The Effects of Income Inequality in Good Times and Bad"
6. Atems, Bebonchu. "Estimating and Forecasting the Impact of Nonrenewable Energy Prices on Renewable Energy Demand"

## **PRESENTATIONS/CONFERENCE PARTICIPATION**

- Southern Economics Association (SEA) Conference, Tampa, November 17, 2017
- Western Economics Association International (WEAI), Singapore, January 7, 2016
- Allied Social Science Association (ASSA), San Diego, January 2, 2014
- Big Data & Analytics EdCon, Las Vegas, November 1 2013
- Allied Social Science Association (ASSA), San Diego, January 3, 2013
- Western Economics Association International (WEAI), San Francisco, June 29, 2012
- Allied Social Science Association (ASSA), Denver, January 6, 2011
- Missouri Valley Economics Association Annual Meeting, October 2010, 2011, 2013, 2017

## **MID-TENURE REVIEWS**

- Professor Jose (Jay) Vega (Spring 2018)
- Professor Zhaleh Semnani-Azad (Spring 2018)

## **COMMITTEE AND COMMUNITY SERVICE**

- Chair, David D. Reh School of Business Undergraduate Policy Committee, Clarkson University, 2018.
- Economics Search Committee, David D. Reh School of Business, Clarkson University, 2018
- David D. Reh School of Business Awards Committee, 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 - present
- Sustainable Solutions in the Developing World, Clarkson University, 2012 – present
- Common Experience Committee, Clarkson University, 2013 – present
- Ad Hoc Committee to look at the delivery of linear algebra in math courses, Mathematics Department, Clarkson University, 2017 - 2018
- 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 Subcommittee, 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

## **REFEREE EXPERIENCE**

- Applied Economics
- Applied Economics Letters
- Bulletin of Economic Research
- Contemporary Economic Policy
- Eastern Economic Journal
- Economics Bulletin
- Economics Letters
- Empirical Economics
- Energy Economics
- Energy Journal
- Energy Policy
- Health
- 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 Regional Science
- Mineral Economics
- PACIS Conference
- Sustainability
- Small Business Economics
- The Quarterly Review of Economics and Finance

## **PROFESSIONAL AFFILIATIONS**

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