SERGEY Y. PONOMAROV

Associate Professor of Supply Chain Management

The Citadel – Tommy and Victoria Baker School of Business

Charleston, South Carolina 29409

E-mail: sponomar@citadel.edu

ACADEMIC EXPERIENCE AND APPOINTMENTS

Associate Professor of Supply Chain Management — 2018 – present

The Citadel, Baker School of Business, Charleston, SC

- Senator (elected), Faculty Senate (2024-present)
- Director, Supply Chain Management Pathway/Concentration (2016-2019)
- Faculty Fellow, The Near Center for Climate Studies (2022-present)

Assistant Professor of Supply Chain Management — 2012 – 2018

The Citadel, School of Business Administration, Charleston, SC

Graduate Research Assistant and Teaching Associate / Instructor — 2005- 2012

University of Tennessee, Knoxville

- Department of Marketing and Logistics (2007-2012)
- Department of Statistics and Management Science (2005-2007)

Graduate Research Assistant — 2002- 2003

Small Business Development Center (SBDC) and Center for Entrepreneurship Studies

University of Louisiana, Monroe

EDUCATION

Ph.D. Logistics and Supply Chain Management — May 2012

University of Tennessee, Knoxville

Master of Science (MS) in Statistics / Business Analytics — December 2007

Concentration: Applied Statistics, GPA: 3.9/4.0

University of Tennessee, Knoxville

Master of Business Administration (MBA) — December 2003

Concentration: Entrepreneurship / Finance, GPA: 3.9/4.0

University of Louisiana, Monroe

Specialist Degree in Applied Economics

Minor: Marketing & International Business, Diploma with Highest Distinction

College of Business and Economics, Uzhhorod State University, Ukraine

PROFESSIONAL CERTIFICATIONS

- Certificate of Achievement, Advanced Online Teaching, Center for Excellence and Innovation in Teaching, Learning, and Distance Education, The Citadel, 2024

- Certified Sustainable Supply Chain Professional (CSSCP), Awarded by International Supply Chain Education Alliance (Certificate No. 240330S002), 2024
- Certificate of Completion, Applying the QM Rubric, Quality Matters, May 2024
- Certificate of Faculty Distinction for Achieving High Academic Honors, 2022
- Certificate of Service (for 10 years of loyal and faithful service), The Citadel, April 2022

RESEARCH ACTIVITIES

PRIMARY RESEARCH INTERESTS

- Global Supply Chain Management / Supply Chain Capital / Innovation and Knowledge Development
- Supply Chain Risk Management / Resilience & Sustainability / Buyer-Supplier Relationships
- Business Strategy/ Dynamic Capabilities / Competitive Dynamics & Strategic Global Sourcing

DISSERTATION

Title: Antecedents and Consequences of Supply Chain Resilience: A Dynamic Capabilities Perspective

Committee Members:

Dr. Ted Stank (Chair), Dr. Mary Holcomb (Co-Chair), Dr. Terry Esper, Dr. Chad Autry, Dr. Robert T. Ladd

Description: Employing a multi-disciplinary approach, this dissertation is exploring antecedents and value-

based consequences of supply chain resilience from a firm perspective. A dynamic capabilities extension of the

resource-based view is combined with several related theoretical perspectives to build a comprehensive conceptual

framework filling the gaps in previous research. A combination of survey methodology and structural equation

modeling is employed to collect and analyze the data drawing from a sample of supply chain and logistics

managers. (Over 5,400 downloads since 2012)

PEER REVIEWED PUBLICATIONS

1. Dickens, J., Uvet, H., Anderson, J., Ponomarov, S., Nowicki, D. (2024). An empirical examination on firm innovativeness and supply chain resilience: the role of information sharing from dynamic capabilities view, Knowledge and Process Management Journal, Vol.31(4). https://doi.org/10.1002/kpm.1785

2. Ponomarov, S., Bezjian, J. (2024). The Recipe for Making a Significant Contribution to the Body of Knowledge: Revisiting the Essential Criteria, Research in Higher Education Journal, Vol 45.

3. Bezjian, J., Dean, B. P., Ponomarov, S. Y., Imam, S., Riggle, R., Weeks, M., & Selden, S. (2024). Higher education response to institutional upheaval: Outcomes of industry collaborations during the COVID-19 pandemic. Industry and Higher Education. https://doi.org/10.1177/09504222241235170

4. Ponomarov, S. Y., Kwon, H. Y., Bezjian, J., Dean, B.P., & Trumbull, W.N. (2024), Implementing the Flipped Classroom Method in Online Delivery: Applied Innovation During the COVID-19 Pandemic, Journal of Business Cases and Applications, Vol.41.

5. Griego, O., Bezjian, J., Ponomarov, S., & Dean, B.P. (2023). Job Satisfaction of Iraq and Afghanistan War Veterans, Journal of Management and Marketing Research, 26 (1).

6. Timmerman, J. E., Ponomarov, S.Y., Morris, F. (2018), "Thorsby-Wando Marine Refit, Inc.: Refitting a Supplier Selection Tool", The CASE Journal, 14 (2).

7. Timmerman J.E., Ponomarov S.Y., Morris, F. (2017), "Republic Electric: Energizing Vendor Assessment", The CASE Journal, 13 (1), 87-101.

8. Gölgeci I., Ponomarov S.Y. (2014): "How Does Firm Innovativeness Enable Supply Chain Resilience? The Moderating Role of Supply Uncertainty and Interdependence", Technology Analysis & Strategic Management, DOI:10.1080/09537325.2014.971003

9. Gölgeci I., Ponomarov S.Y. (2013), "Does Firm Innovativeness Enable Effective Responses to Supply Chain Disruptions? An Empirical Study", Supply Chain Management: An International Journal, Vol. 18 Issue: 6, 605-617.

10. Holcomb M.C., Ponomarov S.Y., and Manrodt K. "The Relationship of Supply Chain Visibility to Firm Performance", Supply Chain Forum: An International Journal, Vol.12, No.1, 2011.

11. Ponomarov S.Y. and Holcomb M.C. "Understanding the Concept of Supply Chain Resilience", The International Journal of Logistics Management, Vol. 20 No.1, 2009, pp. 124-143. Appears on the list of Top 20 most downloaded articles during the six months immediately following publication.

12. Ponomarov S.Y. "Foreign Direct Investments and Economic Development: The Case of Ukraine", Uzhhorod State University Bulletin: Series: Economics, 2000. – No.3

CONFERENCE RESEARCH (Refereed Proceedings and Presentations)

1. "Operational and Relational Resilience in Buyer-Supplier Dyads" – Best Supply Chain paper award, presented at the SE Institute for Operations Research and the Management Sciences (SEINFORMS) conference, Myrtle Beach, SC, October 2024.

2. "Exploring Sustainable Supply Chain Practices and Strategies for Climate Change Adaptation", presented at the Society for Advancement of Management (SAM) International Business Conference, Orlando, FL, March 2024.

3. "Sustainable Supply Chain Practices and Climate Change Adaptation and Mitigation Strategies", presented at the Decision Sciences Institute (SEDSI) conference, Charleston, SC, February 2024.

4. "An empirical examination on firm innovativeness and supply chain resilience: the role of information sharing from a dynamic-capabilities view"- presented (by co-authors) at the Decision Sciences Institute (DSI) international conference, Atlanta, GA, November 2023.

5. "Resilience in Buyer-Supplier relationships: a conceptual framework" - presented at the SE Institute for Operations Research and the Management Sciences (SEINFORMS) conference, Myrtle Beach, SC, October 2023.

6. "Exploring Operational and Relational Resilience in International Buyer-Supplier Dyads" – presented at the international CSCMP European Research Seminar (ERS) on Logistics and Supply Chain Management, Barcelona, Spain, June 2023.

7. "Sustainability and Resilience in Supply Chain Practices from a Managerial Perspective" – presented at the Decision Sciences Institute (SEDSI) conference, Wilmington, NC, February 2023.

8. “Supply Chain Risk Management and Business Continuity” - presented at the International Academy of Business and Public Administration conference, Orlando, FL, January 2022.

9. “Supply Chain Resilience and Innovativeness” - presented at the SE Institute for Operations Research and the Management Sciences (SEINFORMS) conference, Myrtle Beach, SC, October 2021.

10. “Supply Chain Risk Management: a qualitative study” – presented at the Decision Sciences Institute (SEDSI) conference, Charleston, SC, February 2020.

11. “Institutional Effects on Logistics Outsourcing Decisions” - presented at the Production and Operations Management Society (POMS) conference, Washington D.C., May 2019.

12. “Analyzing the relationship between firm innovativeness and supply chain resilience," Decision Sciences Institute conference, Chicago, IL., November 2018.

13. “The Role of Firm Innovativeness and the Creation of Successful Industry Recipes During Times of Disruption” - presented at the Decision Sciences (SEDSI) conference, Wilmington, NC, February 2018.

14. “Firm Innovativeness and its Role in Achieving Supply Chain Resilience” – The Decision Sciences Institute (DSI) conference, Washington D.C., November 2017.

15. “The Process of Supply Chain Risk Management from a Managerial Perspective” – The Decision Sciences Institute (DSI) conference, Washington D.C., November 2017.

16. “Trends in Supply Chain Education: Theory and Practice”, Invited academic panel presentation, Institute for Supply Management regional meeting, July 2015.

17. “Linking Supply Chain Visibility to Firm Performance: An Empirical Investigation”, published in The Sustainable Global Marketplace, Developments in Marketing Science: Proceedings of the Academy of Marketing Science, 2015.

18. “Exploring Supply Chain Risk Management Cycle” – presented at The Decision Sciences Institute (DSI) conference, Tampa, FL, November 2014.

19. “Managing Uncertainty and Risk in Extended Supply Chains”- presented at The Academy of Business Research conference, Las Vegas, NV, October 2014.

20. “Firm Innovativeness and Supply Chain Resilience”- presented at The Academy of Business Research conference, San Antonio, TX, October 2013.

21. “Supply Chain Resilience and Agility”- presented at the Decision Sciences Conference in San Francisco, CA, November 2012.

22. “An Examination of Supply Chain Visibility and Firm Performance”, Decision Sciences Institute (DSI), San Diego, CA, November 2010.

23. “Supply Chain Risk Management: a new conceptual framework”, Society for Marketing Advances (SMA), November 2010.

24. “The Relationship of Supply Chain Visibility to Firm Performance”, with Mary Holcomb, 2010 RIRL International Conference on Logistics Research in Bordeaux, France, October 2010

25. “Building Supply Chain Resilience through Logistics Capabilities”, with Mary Holcomb, 2009 POMS Conference, Orlando, FL, May 2009.

26. “Understanding Operational and Relational Resilience”, SMA Conference, Supply Chain Management Track, New Orleans, LA, November 2009.

27. “The Process of Supply Chain Risk Management from a Managerial Perspective: Seeking Continuity and Control”, with Jon Kirchoff, Decision Sciences Institute (DSI), New Orleans, LA, November 2009.

28. “Empirical Investigation of the Role of Risk Management Organizational Culture in Decreasing Supply Chain Process Variability”, Decision Sciences Institute (DSI), New Orleans, LA, November 2009

29. “Developing a Conceptual Framework for Linking Logistics Capabilities and Supply Chain Resilience”, 2008 CSCMP Educators’ Conference, Denver, CO, October 2008

30. “Logistics Aspects of Food Industry Development in the Transcarpathian Region”, Materials of the Scientific Conference on Economic Development, Ukraine, July 1998

31. “To Be or Not To Be: The Case of Small Business Innovation in Ukraine”, Capstone Project, International Business Studies Institute, Uzhhorod, Ukraine, July 1997

WORKING PAPERS / RESEARCH IN PROGRESS

- Using AI-assisted Technology to Generate Illustrations for Scenario Narratives (co-authored), submitted to Business Horizons, currently under review.
- Supply Chain Resilience and Social Responsibility in Buyer-Supplier Relationships – working paper, intended for submission to Journal of Purchasing and Supply Management.
- Sustainable Supply Chain Practices and Adaptation Strategies - working paper, conceptual development.
- Supply Chain Knowledge Development: Learning Outcomes of Supply Chain Disruptions – working paper, intended for International Journal of Logistics Management.

TEACHING ACTIVITIES

PRIMARY TEACHING INTERESTS

- Supply Chain Management, Logistics / Operations, Supply Chain Sustainability and Risk Management
- Supply Chain Analytics, Quantitative Methods, Marketing Research, Interactive Business Simulations
- International Operations and Global Trade Strategy, Demand-Supply Integration

TEACHING EXPERIENCE

- SCMT 303 / BADM 429 Supply Chain Management

Main Topics: Global SCM strategic fit, design and scope, demand management, demand-supply integration, supply chain risk management, inventory management, global logistics trends.

Teaching Approach: Lecture and discussion, business simulation, mini-cases, team projects.

- SCMT 301 / BADM 410 Operations Management

Main Topics: Analytical tools and models used in inventory management and control, transportation routing and scheduling, distribution facility location, purchasing, and customer service.

Teaching Approach: Open-group discussion, problem-solving case studies, and team projects.

- SCMT 740 / MGMT 750 Panama Canal: Logistics Operations (study abroad class) Responsible for all aspects of development and execution of a new study abroad program.

- BANA 101 Principles of Business Analytics Introduction to business decision making, problem solving, and analytical tools.
- SCMT 302 / BADM 421 Logistics Management

Main Topics: Analytical tools and models used in inventory management and control, transportation routing and scheduling, distribution facility location, purchasing, and customer service.

MBA Classes:

- SCMT 710 / BADM 731 Quantitative Methods for Operations Management
- BADM 750 Supply Chain Management/Logistics
- GBUS 703 / BADM 703 MBA Essentials II
- BADM 754 Supply Chain Management

Main Topics: Global SCM strategic fit, design and scope, demand management, demand-supply integration, supply chain risk management, collaborative inventory management methods, information technology, 3PL management, customer service, transportation, global trends.

Teaching Approach: Case studies, discussions, mini-projects, team projects.

Courses Previously Taught (University of Tennessee):

Primary instructor responsible for all aspects of teaching including developing syllabus, lecture plans, conducting class sessions and after-class interaction with students, developing and grading class projects,

exams, quizzes, and other assignments:

- SCM 564: Supply Chain Modeling and Analysis (MS SCM program)
- MKT 360: Marketing Analytics / Research (Spring 2012)
- LOG 411: Analytical Methods in Logistics (Spring 2009, Summer 2009-2011, Fall 2009-2011)
- BA 353: Integrated Process Management (Spring 2010 – 2 sections, 50 students, Spring 2012)
- BA 331: Supply Chain Management (Summer 2008)

Served as a Teaching Assistant (University of Tennessee) for the following courses:

Primary responsibilities included grading assignments, projects and exams, working with students, and teaching

selected sessions:

- LOG 310: Intermediate Logistics (Fall 2010)
- LOG 411: Analytical Methods in Logistics (Spring 2010 – 3 sections, Fall 2008- 2 sections),
- BA 331: Supply Chain Management (Fall 2007, Spring 2008)
- BA 201 Introduction to Business Statistics (Fall 2005- Spring 2007 – multiple sections)

SERVICE AND PROFESSIONAL ACTIVITIES

College-Wide Committees (The Citadel):

Senator (elected), Faculty Senate, representing department and Baker School of Business (2024-)

Member: Undergraduate curriculum committee (2023 to 2025)

Member: Sabbatical committee (2018 to 2020)

Member: Facilities and Engineering committee (2018 to 2023)

Member: Library resources committee (2014 to 2018)

Member: Interdisciplinary studies committee (2016 to 2018)

Member: Ad-hoc Housing committee (2016)

Member: Campus Security Authority (since 2014)

Member: Scholarship Committee (2017-2019)

Baker School of Business Committees and appointments:

Chair: Curriculum committee (2023-2024)

Member: AOL committee (2023 to 2025)

Member: Strategic Planning committee (2020 to 2023)

Chair: Faculty search committee, Supply Chain Management position (2022)

Director: Supply Chain Management Professional Pathway (2016-2019)

Baker School of Business Advisory Board – Faculty Liaison (2017-2019, 2021-2023)

Chair: Faculty search committee, Operations Management position (2018)

Faculty Coordinator for the SAP Academic Alliance program (2020-2024)

Member: Tenure and Promotion committee (2018 to present)

Member: Faculty search committee (3), Operations Management positions (2014-2020)

Member: Faculty search committee (2), Marketing and Sales – 2 positions (2016-2017)

Member: Undergraduate curriculum committee (2016 to 2019, 2023 to present)

Member: Instructional resources committee (2016 to 2018)

Member: Global-Cultural Program Goals committee (2015-2016)

Member: Analytics curriculum ad-hoc committee (2014-2015)

Service to Students:

Faculty Director, Supply Chain Management Pathway, 2016 to 2019

Faculty Academic Advisor (2013-present, 35+ students each semester)

Faculty Facilitator, The Citadel's Senior Leadership Integration Seminars (since 2012)

Faculty Advisor, Supply Chain Management Club and Student Port Club (2014 - 2024)

Service to the Community:

Board Member, Charleston Propeller Club (2016 to present)

Member: Scholarship committee, Charleston Propeller Club (2016 to present)

Advisory Board member, Trident Tech Supply Chain program (2024 to present)

Member: Steering committee, Maritime Association of SC (2016 to 2018)

PROFESSIONAL MEMBERSHIPS AND SERVICE

- Board Member, Charleston Propeller Club (2016 to present)
- Member, Council of Supply Chain Management Professional (CSCMP)
- Member, Institute of Supply Management (ISM)
- Member, American Production and Inventory Control Society (APICS)

- Member, Decision Sciences Institute (DSI), Production and Operations Management (POMS)
- Honorary Member: American Society for Training and Development
- Beta Gamma Sigma Honors Society (since 2003), MBA Student Association
- Supply Chain Strategy and Management Forums

Ad-Hoc Reviewer:

- The CASE Journal; Supply Chain Management Journal
- CSCMP Educators' Conference, SMA Annual Conference
- SE Decision Sciences Annual Conferences (serving as a Session chair)
- SEINFORMS Annual Conferences (serving as a Session and Track chair)
- International Journal of Physical Distribution and Logistics Management

ADDITIONAL TRAINING AND PROFESSIONAL DEVELOPMENT

- Certificate of Achievement, Advanced Online Teaching, Center for Excellence and Innovation in Teaching, Learning, and Distance Education, The Citadel, 2024
- Certified Sustainable Supply Chain Professional (CSSCP), Awarded by International Supply Chain Education Alliance (Certificate No. 240330S002), 2024
- Port Ambassador Program, Certificate of Completion, 2023-2024
- Certificate of Completion, Applying the QM Rubric, Quality Matters, May 2024
- Citadel Director's Institute, participant, April 2024
- Society for Advancement of Management, International Business Conference Certificate, 2024
- Certificate of Completion, Climate Connections workshop, April 2022
- Teaching in Online and Hybrid Classes, Harvard Business Publishing, January 2021
- Leadership Discovery Program, Charleston Chamber of Commerce, 2019
- SC Conference on Innovations in Teaching and Learning in Higher Education (SCCITL), July 2017
- Performance Task Academy workshop, March 2017
- The Citadel's Online Teaching Faculty Academy, certified to teach online courses, Fall 2014
- Emerging Scholars Program, Production and Operations Management Society, May 2014
- SC Supply Chain Summit, College of Charleston, March 2013, March 2014
- Train-The-Trainer Seminar- LINKS simulation Immersion Experience, Spring 2014
- Annual Principled Leadership Symposium, The Citadel, 2013, 2014, 2015, 2016
- Logistics Doctoral Symposium, Knoxville, TN, March-April 2011
- Supply Chain Management and Industrial Distribution Symposium at SMA, November 2009, 2010
- Participant, Decision Sciences Institute Annual Doctoral Consortium, New Orleans, LA, Nov.2009
- Participant, Society for Marketing Advances (SMA) Annual Doctoral Consortium, November 2009
- Participant, Council of Supply Chain Management Professionals Annual Logistics Doctoral Symposium, Chicago, IL, September 2009
- Ph.D. Innovative Teaching Course (UT Teaching and Learning Center (TLC), Spring 2008
- Public Administration, Carl Vinson Institute of Government, University of Georgia and USU joint program

GRANTS, AWARDS AND HONORS

- Outstanding Service Certificate, SEINFORMS, Supply Chain and Logistics Track Chair, 2024
- Best Supply Chain Paper Award, SEINFORMS conference, 2024
- Certificate of Faculty Distinction for Achieving High Academic Honors, 2022
- Certificate of Service (for 10 years of loyal and faithful service), April 2022

- Service Award, Conference of the International Academy of Business and Public Administration, 2022
- Climatological Research Studies Grant, 2022
- Research Presentation and Professional Development grants, The Citadel Foundation, 2013-2024
- Best Paper Award, Academy of Business Research, 2013
- ISM Dissertation Research Award, Institute for Supply Management, 2012
- Robert Robicheaux Best Supply Chain Management Proposal Award, Society for Marketing Advances
- ESPN / College of Business Administration Scholarship, University of Tennessee (2009-2010)
- Best Paper Award nomination, Northeastern Decision Sciences Institute conference, Montreal, April 2011
- Graduate Summer Research Grant, University of Tennessee (2009)
- The National Dean's List, Graduate Research Assistantship, ULM (2003-2004)
- Dean's List for Academic Achievement-University of Louisiana, ULM (2002-2003)
- The Fund for American Studies / Georgetown University Scholarship Program, Prague, Czech Republic

ADDITIONAL PROFESSIONAL EXPERIENCE

Whirlpool Corporation, Business Analyst, Supply Chain Operations, St. Joseph, MI

- Conducted demand forecasting and statistical analysis to prepare comprehensive business reports.
- Analyzed issues related to forecast accuracy and inventory control policies, enhancing operational efficiency.
- Collaborated with cross-functional teams to optimize supply chain processes.

3M Corporate Internship, Statistician, Lean Six Sigma Operations, St. Paul, MN

- Assisted in integrating Lean operations with the Six Sigma training curriculum, improving process optimization.
- Provided statistical consulting and data analysis for strategic business planning, supply chain operations, marketing research, and new product development.
- Developed data visualization tools to enhance reporting accuracy and clarity.

The Hearst Corporation, Business Analyst, Consumer Marketing Department, Charlotte, NC

- Performed research, planning, data mining, statistical analysis, and reporting to support circulation management of national magazines.
- Conducted market research on product positioning, price sensitivity, cover design effectiveness, and competitor analysis.
- Forecasted annual revenue and expenses, contributing to strategic decision-making and budget planning.

International Communications Intern

Charlotte Sister Cities / Mayor's International Cabinet, Charlotte, NC

- Performed administrative duties, maintained financial records, and managed databases.
- Assisted with international activities and facilitated translation/communications for visiting groups.
- Coordinated cultural exchange events to promote international collaboration and understanding.

Assistant Director/Financial Analyst

National Foundation for Entrepreneurship Support – Uzhhorod, Ukraine

- Prepared financial statements, budget forecasts, financial plans and models to support strategic planning
- Conducted business research, developed strategies, and formulated marketing policies.
- Analyzed and prepared investment projects, updated software and databases.

Program Manager, International Business Studies Institute (joint International Project with Central Connecticut State University), Uzhhorod, Ukraine

- Managed the educational training program “School of Entrepreneurship for Teenagers.”
- Analyzed and prepared budgets, developed grant proposals, and supervised a team of five employees.
- Developed business course curricula and conducted training seminars and consulting sessions. References available upon request.