

SINY JOSEPH

Education

- 2009 **Doctor of Philosophy**, Resource Economics, *University of Massachusetts*, Amherst
- 2008 **Master of Science**, Resource Economics, *University of Massachusetts*, Amherst
- 2003 **Master of Business Administration**, Marketing, *West Bengal University of Technology*, India
- 2000 **Bachelor of Engineering**, Instrumentation & Control Engineering, *Gujarat University*, India

Academic & Professional Appointments

- 2017-present **Associate Professor of Economics**, Department of Integrated Studies, *Kansas State University Polytechnic*
- 2012- 2017 **Assistant Professor of Economics**, School of Integrated Studies, *Kansas State University Polytechnic*
- 2012- 2014 **Junior Adjunct Researcher**, *Power Systems Engineering Research Center*
- 2010- 2012 **Assistant Professor of Economics**, Division of Business, *Newman University*
- 2008 **Instructor**, Department of Resource Economics, *University of Massachusetts Amherst*
- 2003 **Marketing Executive**, *CitiFinancial, India*

Awards & Recognitions

- 2019 Recognized as **Professor of the Week** at Kansas State University
- 2018 Recipient of **Marchbanks Memorial Award for Teaching Excellence** by Kansas State University Polytechnic
- 2018 Recipient of the **Big 12 Faculty Fellowship** by Kansas State University
- 2015 Recipient of the **Outstanding Professional Presentation Award** by Kansas State University Polytechnic
- 2014 Recipient of the **Annual Coffman Leadership Institute Fellowship** by Kansas State University
- 2014 Recipient of the **Peer Review of Teaching Fellowship** by Kansas State University
- 2013 Recognized as **Academy for Student-Centered Learning Scholar** at Kansas State University
- 2013 Recipient of **Wakonse Teaching Fellowship** by Kansas State University

Funded Grants

- 2020- 2023 SCC-IRG Track 2: CityGuide: Seamless and Inclusive Location-Based Services for Communities, *National Science Foundation (NSF)*, (**Co-PI**), (Total \$1,122,749)
- 2020- 2022 Targeted Skills Development to Advance Manufacturing in Kansas, *Kansas Department of Commerce*, (**Co-PI**), (Total \$398,100)
- 2019-2022 FarmStarts: Training, Developing, and Mentoring Beginning Cattle, Dairy, and Feed Producers, *United States Department of Agriculture (USDA)*, (**Co-PI**), (Total \$600,000)
- 2019 Open/Alternative Textbook Initiative, *Kansas State University*, (**PI**), (Total \$5,000)

Journal Articles

Joseph, S., and John Lawrence. (2019) "Effect of Bulk Solids Handling Education on the Cost Savings- Benefit for Industries Handling Bulk Solids." *Powder and Bulk Solids*, Vol. 37, No. 8, pp 16-21, July.

Argade, S., Aravinthan, V., Büyükahtakin, E., and **Siny Joseph**. (2019) "Performance and Consumer Satisfaction-Based Bi-Level Tariff Scheme for EV Charging as a Virtual Power Plant." *IET Generation, Transmission & Distribution*. Vol. 13, Issue 11, pp. 2112-2122. DOI: [10.1049/iet-gtd.2018.5754](https://doi.org/10.1049/iet-gtd.2018.5754)

Joseph, S., Oh, J., and Patricia Ackerman. (2018) "Quest- A Hybrid Faculty Teaching and Learning Community." *Journal of Continuing Higher Education*, Vol. 66, Issue 1, pp 46-53.

Venkitachalam, V. S., Namboodiri, V., **Joseph, S.**, Dee, E., and Charles A. Burdsal (2015). "What, Why, and How: Surveying what consumers want in new mobile phones." *IEEE Consumer Electronics Magazine*, Vol. 4, Issue 2, pp. 54-59, April.

Joseph, S., Namboodiri, V., and Vishnu D. Cherusola (2014). "A Market-Driven Framework towards Environmentally Sustainable Mobile Computing". *ACM SIGMETRICS Performance Evaluation Review*, Vol. 42, Issue 3, pp. 46-48, December.

Joseph, S., Namboodiri, V., and Vishnu D. Cherusola (2014). "Towards Environmentally Sustainable Mobile Computing through an Economic Framework," *IEEE Transactions on Emerging Topics in Computing*," Vol. 2, No. 2, pp 212-224, June.

Joseph, S., Lavoie, N., and Julie A. Caswell (2014). "Implementing COOL: Comparative Welfare Effects of Different Labeling Schemes." *Food Policy*, Vol. 44, pp 14-25, February.

Namboodiri, V., Aravinthan, V., **Joseph, S.**, Sawan, E., and Ward Jewell (2013). "Five Heads are Better than One---An Inter-Disciplinary Graduate Course on Smart Grids: Lessons, Challenges, and Opportunities," *IEEE Power and Energy Society Magazine - Special Issue on Collaborative Smart Grid Education*, pp 44-50, January.

Namboodiri, V., and **Siny Joseph** (2012). Handbook of Energy-Aware and Green Computing. *Chapman and Hall/CRC*. Chapter "Towards Sustainable Portable Computing," Edited by Ishfaq Ahmed and Sanjay Ranka.

Caswell, J. A., and **Siny Joseph** (2007). "Consumer Demand for Quality: Major Determinant for Agricultural and Food Trade in the Future?" *Journal of International Agricultural Trade and Development*. Vol. 4, Issue 1, pp 99-116.

Namboodiri, N.V., and **Siny Joseph** (2007). Challenges to Sustainable Agri-Food Systems. *I.K. International Publishing House*. Chapter "Participatory Natural Resource Management: Community based Rainwater Harvesting System in Gujarat," Edited by P.G. Chengappa, N. Nagaraj and R. Kanwar, pp 285-292.

Peer-Reviewed Conference & Workshop Publications

Joseph, S., and Vinod Namboodiri (2020) “Assessment of Economic Value of Assistive Technologies through Quality-Adjusted Work-Life Years (QAWLY),” in *Computers Helping People with Special Needs - 17th International Conference, ICCHP 2020*, Lecco, Italy, September 9-11, 2020, Proceedings, Part II, ser. Lecture Notes in Computer Science, K. Miesenberger, R. Manduchi, M. C. Rodriguez, and P. Penáz, Eds., vol. 12377. Springer, 2020, pp. 480–488.

Joseph, S., and Greg Stephens (2020). “Impact of “FarmStarts” on Mitigating Barriers of U.S. Organic Dairy Farming for Beginning Organic Dairy and Feed Producers in Twelve Mid-Western States,” *2020 Agricultural and Applied Economic Association Meeting*, Kansas City, MO, July.

Lavoie, N, and **Siny Joseph** (2020). “Trade War and Incomplete Labeling Regulation: Lose-Lose Situation for U.S. Consumers” *2020 Agricultural and Applied Economic Association Meeting*, Kansas City, MO, July.

Stephens, G. and **Siny Joseph** (2020). “Training, Developing, and Mentoring Beginning Organic Dairy and Feed Producers,” *2020 Extension Risk Management Education National Conference*, Denver, CO, April.

Siny Joseph (2020). “Open/Alternative Textbook Adoption in Econ 101.” *2020 National Conference on Teaching and Research in Economic Education (CTREE)*, Chicago, IL, May.

Joseph, S., Oh, J., Raju Dandu (2019). “Adapting Graduate Courses to Meet Industry Needs”. *2019 American Society for Engineering Education*, Tampa, FL, June.

Joseph, S., and Vinod Namboodiri (2019) “Auxiliary location-based services for persons with disabilities: What do city planners and non-profit agencies think?” in *The 21st International ACM SIGACCESS Conference on Computers and Accessibility, ASSETS 2019*, Pittsburgh, PA, USA, October 28-30, 2019, J. P. Bigham, S. Azenkot, and S. K. Kane, Eds. ACM, 2019, pp. 621–623.

Joseph, S., and Greg Stephens (2019). “Mitigating Barriers of U.S. Organic Dairy Farming: Impact of Educational Programs on Beginning Organic Dairy and Feed Producers in Six Mid-Western States.” *2019 Agricultural and Applied Economic Association Meeting*, Atlanta, GA, July.

Siny Joseph (2019). “Partial TBL in Econ 101: Adaptations in Content Versus Format.” *2019 National Conference on Teaching and Research in Economic Education (CTREE)*, St. Louis, MO, May.

Siny Joseph (2019). “Training, Developing and Mentoring Beginning Organic Dairy and Feed Producers.” *Southern Agricultural Economic Association Meeting*, Birmingham, AL, February.

Siny Joseph (2018). “Economic Analysis of Implementing a Wayfinding System for the Blind and Visually Impaired.” *Envision Conference*, Wichita, KS, August.

Oh, J., **Joseph, S.**, and Patricia Ackerman (2017). “Community Building with F2F and Online Faculty Teaching Exchange Program”. Selected presentation for *Lilly Conference on Evidence-Based Teaching and Learning*, Anaheim, CA, February.

Joseph, S., Oh, J., and Patricia Ackerman (2016). “Quest- A Virtual Faculty Teaching Community”.

- Selected paper for the *2016 AAEA Annual Meeting*, Boston, Massachusetts, July.
- Selected presentation for the *2016 Teaching Professor Technology Conference*, Atlanta, Georgia, October.
- Selected poster for *3rd Annual Big XII Teaching & Learning Conference*, Manhattan, KS, June.

Joseph, S., Oh, J., and Patricia Ackerman (2015). “Transforming Teaching Culture through an Interdisciplinary Faculty Teaching Exchange Program”.

- Selected paper for the *2015 AAEA & WAEA Joint Annual Meeting*, San Francisco, California, July.
- Selected presentation for the *2015 Teaching Professor Conference*, Atlanta, Georgia, May.
- Selected poster for *2nd Annual Big XII Teaching & Learning Conference*, Stillwater, OK, July.

Joseph, S., Namboodiri, V., and Vishnu D. Cherusola (2014). “A Market-Driven Framework Towards Environmentally Sustainable Mobile Computing”. Selected extended abstract for *Greenmetrics 2014 Workshop*, Austin, Texas, June.

Joseph, S., Lavoie, N., and Julie A. Caswell (2013). “COOL Effects on U.S. Shrimp Trade.” Selected paper for the *2013 AAEA-CAES Joint Annual Meeting*, Washington D.C., August.

Joseph, S., Lavoie, N., and Julie A. Caswell (2009). “Implications of COOL on U.S. Shrimp Trade: An Empirical Analysis.”

- Selected paper for the *2009 Annual NAREA Conference*, Burlington, Vermont, June.
- Selected paper for the *NEC-63/FAMPS Spring 2009 Conference*, San Diego, California, February.

Joseph, S., and Nathalie Lavoie (2008). “Effectiveness of COOL in the U.S. Seafood Industry.”

- Selected paper for the *AAEA Annual Meeting*, Orlando, Florida, July.
- Selected paper for the *CAES-NAREA Annual Meeting*, Quebec City, Canada, June.

Namboodiri, N.V., and **Siny Joseph** (2007). “Participatory Natural Resource Management: Community based Rainwater Harvesting System in Gujarat.” Selected paper for the *International Conference on 21st Century challenges to sustainable Agri-food systems*, Bangalore, India, March.

Caswell, J. A. and **Siny Joseph** (2006). “Consumers’ Food Safety, Environmental, and Animal Welfare Concerns: Major Determinants for Agricultural and Food Trade in the Future?” Invited paper presented at the *International Agricultural Trade Research Consortium (IATRC) Summer Symposium on “Food Regulation and Trade: Institutional Framework, Concepts of Analysis and Empirical Evidence.”* Bonn, Germany, May.

Professional Activities

Consultant for USDA funded project “*Training, Developing, and Mentoring Beginning Organic Dairy and Feed Producers*” (2016- 2019), NSF funded project “*Promoting Adoption of Team-Based Learning Pedagogy in College Economics Classes*” (2018- 2019).

Reviewer for *National Science Foundation* Panel (2015, 2017), *USDA Agricultural Marketing Service* Panel (2018, 2020), and *USDA National Institute of Food and Agriculture* Panel (2015).

Reviewer for *Agricultural & Applied Economic Association Annual Meeting (AAEA)* (2015, 2019, 2020), *American Society for Engineering Education (ASEE) Annual Conference and Exposition* (2020), *Accelerating Systemic Change Network Transforming Institutions Conference* (2019).

Reviewer for papers in the following journals: *Agricultural Economics* (2018), *Applied Economic Perspectives & Policy* (2018, 2019), *Food Policy* (2014), *Journal of Food Research* (2013), *International Journal of Economics and Business Research* (2013, 2017), *Spanish Journal of Agricultural Research* (2008).

Moderator & Discussant for sessions in *Agricultural & Applied Economic Association Annual Meeting (AAEA)* (2020, 2019, 2014), *National Conference on Teaching and Research in Economic Education (CTREE)* (2019).

Guest appearance on *Salina Media Connection's* television show "Economic Impacts of Covid-19" (2020), *KSAL* local radio show "Friendly Fire" (2018).

Participant as Mentee in the Mentoring Program of *Applied and Agricultural Economic Association* (2014- 2015).

Major University Service Activities

Reviewer for Global Food System Seed Grants (2019), Small Research Grants (2017), Undergraduate Research Showcase Program (2015, 2016, 2017) at *Kansas State University*.

Mentor to tenure-track faculty member (2019) at *Kansas State University Polytechnic*.

Invited Panelist for NSF GRFP Information session (2016) at *Wichita State University*.

Member for the following committees: Retention and Diversity (2019- present), Faculty/Staff Affairs (2016-present), Department Planning (2016-present), Awards/Scholarship (2012-present) at *College of Aviation and Engineering Technology, Kansas State University*; Core Curriculum (2011-2012), Library (2010-2012) at *Newman University*; Graduate Studies (2006–2008) at *University of Massachusetts Amherst*.

Member for Executive Director, Department Head and Faculty searches (2016, 2015, 2013) at *Kansas State University Polytechnic*, Faculty and Post-Doc searches (2008) at *University of Massachusetts Amherst*.

Classes Taught

Graduate Courses: **Informatics and Technology Management** at Kansas State University, Team-taught FTF and Online (Spring 2015- Present); **Managerial Economics** at Newman University (2010- 2012).

Undergraduate Courses: **Principles of Microeconomics** and **Principles of Macroeconomics** (2012- Present); **Money and Banking** (Fall 2012-2016) at Kansas State University; **Principles of Economics** (2010- 2012) and **Intermediate Economics** (Spring 2011- 2012) at Newman University.