

Disraeli Asante-Darko, PhD

1 University Ave, Berekuso, Ghana | +233 24 800 3341 | dasante-darko@ashesi.edu.gh | [LinkedIn](#)

PROFESSIONAL SUMMARY

Senior academic and institutional leader at Ashesi University specialising in operations, supply chain management, and sustainable business. Combines a rigorous publication record in Q1 journals with hands-on programme leadership as Head of Department and Director of the MBA Programme. Award-winning scholar with competitive grant funding and international conference presence, committed to building research-driven institutions that deliver real-world impact across Africa.

AREAS OF EXPERTISE

Supply Chain Management · Sustainable Operations · Circular Economy · Corporate Sustainability
Operations Strategy · Green Entrepreneurship · Agri-Food Value Chains · Business Analytics
PLS-SEM · fsQCA · DEMATEL / MCDM · Monitoring & Evaluation · Curriculum Development

PROFESSIONAL EXPERIENCE

Head of Department & Director of MBA Programme

Mar. 2025 – Present

Ashesi University, Berekuso, Ghana

- Provide strategic leadership and oversight for the MBA programme, ensuring alignment with institutional vision and international academic standards.
- Drive curriculum development and continuous improvement, embedding ethical leadership, innovation, and practical relevance.
- Manage faculty recruitment, mentorship, and evaluation to maintain academic excellence and teaching effectiveness.
- Cultivate industry partnerships and alumni engagement to enrich student learning, career pathways, and programme visibility.

Associate Professor

Jan. 2024 – Present

Ashesi University, Berekuso, Ghana

- Contributed to successful accreditation efforts, enhancing the quality and recognition of Ashesi University's graduate programmes.
- Developed a new curriculum for Supply Chain Management, resulting in a 20% increase in student enrolment.
- Provide research mentorship and academic guidance to students, advising on career paths, research projects, and academic progression.
- Lead and publish research in operations, supply chain, and sustainability, maintaining an active pipeline of Q1-ranked journal outputs.

Adjunct Faculty

Jan. 2023 – Dec. 2023

Ashesi University, Berekuso, Ghana

- Designed and delivered undergraduate elective courses in Data Analytics for Business Administration.
- Contributed to curriculum development and community outreach programmes, increasing community engagement by 15%.

Coordinator, Satellite Campuses & Affiliate Institutions

Jan. 2023 – Dec. 2023

Ghana Institute of Management and Public Administration (GIMPA), Ghana

- Facilitated partnerships with six international affiliate institutions, securing accreditation for 100% of satellite campuses and a 20% increase in student enrolment.
- Led curriculum consistency initiatives across 15 academic programmes, improving student satisfaction by 25%.
- Secured over \$30,000 in research funding through strategic partnerships with four industry stakeholders.
- Spearheaded organisational changes that improved operational efficiency by 40%.

Head of Programmes

Jan. 2023 – Dec. 2023

Academy of Leadership and Executive Training, GIMPA, Ghana

- Directed executive training programmes engaging over 50 stakeholders, delivering a 15% increase in relevance and impact of educational offerings.
- Developed and managed five online executive programmes, increasing enrolment by 30%.
- Restructured three academic departments, improving operational efficiency by 20% and student engagement by 25%.
- Served as interim leader during the Director's absence, overseeing administrative functions for over 30 staff members.

Senior Lecturer

Jan. 2023 – Dec. 2023

Ghana Institute of Management and Public Administration (GIMPA), Ghana

- Delivered postgraduate courses in Operations Management, Supply Chain Management, and Supply Chain Analytics.
- Led research initiatives contributing to advancements in sustainable development and operational efficiency.
- Spearheaded departmental marketing and outreach, increasing visibility and industry partner engagement by 40%.

Head, Centre of Management Development

Oct. 2018 – Sept. 2019

Ghana Institute of Management and Public Administration (GIMPA), Ghana

- Directed executive training programmes and managed five online offerings, increasing enrolment by 30%.
- Drove institutional restructuring across three departments, improving operational efficiency by 20%.
- Served as interim Academy leader, overseeing operations and critical decision-making for 30+ staff.

Manager, Kumasi Campus

Feb. 2016 – Sept. 2018

Ghana Institute of Management and Public Administration (GIMPA), Ghana

- Oversaw organisational change at GIMPA's Kumasi Campus, improving institutional efficiency by 25%.
- Managed daily administrative operations and faculty scheduling, enhancing campus reputation and operational efficiency by 20%.
- Led accreditation initiatives resulting in a 15% increase in student performance metrics.
- Fostered international institutional collaborations, contributing to innovative curricula and a 10% increase in international enrolment.

Lecturer

Sept. 2015 – Aug. 2018

Ghana Institute of Management and Public Administration (GIMPA), Ghana

- Delivered postgraduate courses in Operations Management, Service Operations, and Supply Chain Management, contributing to a 30% increase in course enrolment.
- Taught undergraduate courses in Statistics, Service Operations Management, and Quantitative Methods.
- Supervised over 20 undergraduate research projects annually, raising the department's research profile by 40%.
- Managed the examination process, increasing student pass rates by 15%.

Graduate Assistant

Aug. 2013 – Aug. 2015

Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana

- Instructed postgraduate classes in Optimisation, Engineering Mathematics, Mathematical Methods, and Business Mathematics.
- Assisted professors with research activities, contributing to mathematical solutions applicable to economics and sustainability.

EDUCATION

PhD, Operations and Supply Chain Management

2019 – 2022

University of the Witwatersrand, Johannesburg, South Africa

MPhil, Applied Mathematics

2013 – 2015

Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana

BSc, Mathematics

2008 – 2012

GRANTS, AWARDS & FUNDED PROJECTS

Awards & Scholarships

- 2023 Africa Academy of Management Best Paper Award — Sustainability and Green Management Track.
- Emerald Literati Outstanding Paper Award, 2019.
- Bradlow Foundation PhD Scholarship, 2021 — funded doctoral studies at the University of the Witwatersrand.
- Partial scholarship, Global School in Empirical Research Methods, University of St. Gallen, Switzerland, 2017.

Research Grants

- EU Research Grant — West Africa Competitiveness Programme, 2020.
- Green Entrepreneurship Inclination and Sustainable Business Practices: The Case of Young Women Entrepreneurs in Ghana.
- Integrating Sustainability into Business Education across African Business Schools.
- Future Cities: Urban Resilience, Inclusive Development, and Urban Sustainability in the Context of Future Cities.

Consultancy & Funded Projects

Robustness Test Consultant

Mar. 2023 – Present

Ashesi Berekuso Impact Study, Ghana

- Conducted robustness testing using advanced statistical techniques to ensure reliability and validity of study findings.
- Collaborated with the research team to refine data collection and analysis processes. Project value: \$15,000.

Data Collection & Analysis Lead

Oct. 2023 – Jun. 2024

FSPI-R Project – French Embassy & Ashesi University, Ghana

- Directed data collection across 300+ healthcare facilities on French language adoption in Ghana's health sector.
- Analysis influenced five significant policy developments in collaboration with the French Embassy. Project value: \$25,000.

Technical Report & Research Consultant

Dec. 2022 – Aug. 2023

Education Collaborative's Entrepreneurship Ecosystem Project, Ghana

- Led data analysis and authored over four technical reports, transforming complex findings into actionable insights.
- Guided 2+ manuscript developments for the initiative. Project value: \$400,000.

Monitoring & Evaluation Consultant

Jan. 2023 – Apr. 2023

Ashesi E-Learning Initiative, Ghana

- Evaluated the effectiveness of Ashesi University's e-learning programmes using advanced analytical techniques. Project value: \$2,000,000.

Value Chain Consultant

Sept. 2021 – Jan. 2022

West Africa Competitiveness Programme, GIMPA, Ghana

- Provided consultancy on value chains in cassava, processed fruits, cosmetics, and personal care products.
- Developed strategic interventions enhancing production efficiency and market access. Project value: €50,000.

RESEARCH PUBLICATIONS

Peer-Reviewed Journal Articles

1. Osei, V., Bai, C., Kwarteng, A., Asante-Darko, D., & Quayson, M. (2026). Dynamic capabilities and circular economy innovations for achieving NetZero in mining. *Sustainable Development*, 1–22. [\[IF 8.2 | Q1 | Wiley\]](#)
2. Asante-Darko, D., Osei, V., & Aryee, R. (2026). Pharmaceutical supply chain blockchain adoption barriers and drivers in developing countries: A DEMATEL approach. *Benchmarking: An International Journal*, 1–38. [\[IF 5.6 | Q1 | Emerald\]](#)

3. Asante-Darko, D., Saruchera, F., & Osei, V. (2025). Supply chain integration, sustainable supply chain management practices, and firm performance. *Benchmarking: An International Journal*. [IF 5.6 | Q1 | Emerald]
4. Asante-Darko, D., Dadzie, S. A., Kwarteng, A., Agbodjah, S., & Aryee, T. E. (2024). Effects of circular economy practices and accounting innovations on sustainable development goals. *Circular Economy and Sustainability*, 1–34. [Scopus indexed | Springer]
5. Asante-Darko, D., Osei, V., & Agbodjah, S. (2024). A triple bottom line decision framework for sustainable business location in the retail sector. *Journal of Global Responsibility*. [Scopus indexed | Emerald]
6. Osei, V., Bai, C., Asante-Darko, D., & Kwarteng, A. (2024). Competitive strategy and circular economy practice implementation toward corporate sustainability performance. *Business Strategy and the Environment*. [IF 13.3 | Q1 | Wiley]
7. Osei, V., Asante-Darko, D., & Quayson, M. (2024). Stakeholder pressure, circular economy practices, and sustainability performance. *Circular Economy and Sustainability*, 1–32. [Scopus indexed | Springer]
8. Asante-Darko, D., & Osei, V. (2023). Sustainable supply chain management practices and firm performance: The mediating effect of firm capabilities. *Management of Environmental Quality: An International Journal*. [Scopus indexed | Emerald]
9. Arhin, K., & Asante-Darko, D. (2023). Performance evaluation of national healthcare systems in the prevention and treatment of non-communicable diseases in sub-Saharan Africa. *PLOS ONE*, 18(11), e0294653. [IF 2.9 | Q1 | PLOS]
10. Osei, V., Bai, C., Asante-Darko, D., & Quayson, M. (2023). Evaluating the barriers and drivers of adopting circular economy in the mining industry. *Resources Policy*, 86, 104168. [IF 12.4 | Q1 | Elsevier]
11. Tetteh, L. A., Kwarteng, A., Aveh, F. K., Dadzie, S. A., & Asante-Darko, D. (2022). The impact of internal control systems on corporate performance among listed firms in Ghana. *Journal of African Business*, 23(1), 104–125. [Scopus indexed]
12. Saruchera, F., & Asante-Darko, D. (2021). Reverse logistics, organisational culture and firm operational performance. *Business Strategy & Development*, 4(3), 326–342. [Scopus indexed]
13. Famiyeh, S., Opoku, R. A., Kwarteng, A., & Asante-Darko, D. (2021). Driving forces of sustainability in the mining industry. *Resources Policy*, 70, 101910. [IF 12.4 | Q1 | Elsevier]
14. Famiyeh, S., Kwarteng, A., Darko, D. A., & Osei, V. (2020). Environmental and social impacts identification for small-scale alluvial mining projects. *Management of Environmental Quality: An International Journal*, 31(3), 564–585. [Scopus indexed | Emerald]
15. Famiyeh, S., Asante-Darko, D., Kwarteng, A., Gameti, D. K., & Asah, S. A. (2020). Corporate social responsibility initiatives and social license. *Social Responsibility Journal*, 16(3), 431–447. [Scopus indexed | Emerald]
16. Famiyeh, S., Kwarteng, A., & Asante-Darko, D. (2018). Service quality, customer satisfaction and loyalty in automobile maintenance services. *Journal of Quality in Maintenance Engineering*, 24(3), 262–279. [Scopus indexed | Emerald]
17. Famiyeh, S., Asante-Darko, D., & Kwarteng, A. (2018). Service quality, customer satisfaction, and loyalty in the banking sector: The moderating role of organisational culture. *International Journal of Quality & Reliability Management*. [Scopus indexed | Emerald]
18. Famiyeh, S., Adaku, E., Amoako-Gyampah, K., Asante-Darko, D., & Amoatey, C. T. (2018). Environmental management practices, operational competitiveness and environmental performance. *Journal of Manufacturing Technology Management*, 29(3), 588–607. [Scopus indexed | Emerald]
19. Asante-Darko, D., Adu Bonsu, B., Famiyeh, S., Kwarteng, A., & Goka, Y. (2018). Governance structures, cash holdings and firm value on the Ghana Stock Exchange. *Corporate Governance: The International Journal of Business in Society*, 18(4), 671–685. [Scopus indexed | Emerald]
20. Adaku, E., Amoatey, C. T., Norniyibey, I., Famiyeh, S., & Asante-Darko, D. (2018). Delays in new product introduction in a food processing company. *Journal of Manufacturing Technology Management*, 29(5), 811–828. [Scopus indexed | Emerald]
21. Famiyeh, S., Kwarteng, A., Asante-Darko, D., & Dadzie, S. A. (2018). Green supply chain management initiatives and operational competitive performance. *Benchmarking: An International Journal*, 25(2), 607–631. [IF 5.6 | Q1 | Emerald]
22. Asante-Darko, D., Adabor, E. S., & Amponsah, S. K. (2017). Forecasting solid waste generation: A Fourier series approach. *International Journal of Environment and Waste Management*, 19(4), 318–337.
23. Asante-Darko, D., Adabor, E. S., & Amponsah, S. K. (2016). A Fourier series model for forecasting solid waste generation in the Kumasi metropolis. *WIT Transactions on Ecology and the Environment*, 202, 173–185.
24. Mensah, I. A., Asante-Darko, D., Sackey, D. T., & Emmanuel, O. B. (2016). Investigation of the relationship between direct major causes of maternal mortality and some indirect factors through canonical correlation analysis.

Book Chapters & Technical Reports

25. Osei, V., & Asante-Darko, D. (2023). Collaboration within the supply chain. In J. Sarkis (Ed.), *The Palgrave Handbook of Supply Chain Management*. Palgrave Macmillan. https://doi.org/10.1007/978-3-030-89822-9_56-1 [Springer Nature]
26. Asante-Darko, D. (Forthcoming). Overview of decentralised autonomous organisations. In J. Sarkis (Ed.), *The Palgrave Handbook of Blockchain Technology in Business*. Springer Nature. [Springer Nature]
27. Agbodjah, S., Murithi, W., Gakii, M. A., Asante-Darko, D., & Amoako, M. (2023). A Framework for Defining, Describing, and Diagnosing (D3) Entrepreneurship Ecosystems within Sub-Saharan African higher educational institutions.

Conference Papers & Reports

28. Agbatsi, E. A. et al. (2024). The 'No Bed Syndrome' in Ghanaian tertiary hospitals. *Reach Alliance*. <https://hdl.handle.net/20.500.11988/1037>
29. Saruchera, F., & Asante-Darko, D. (2023). Sustainable supply chain management practices and firm performance: The mediating effect of supply chain integration. *Proceedings of the Africa Academy of Management Conference*, 132.

Teaching Cases Under Review

30. Succession and strategy at Nkulenu Industries in Ghana: Navigating generational transition and market choices (2025).
31. The paradox of diversification: A dilemma of contemporary African business (2024).
32. At the margin of survival: Tax incentives and strategic choice at SunRise Solar Solutions, Ghana (2024).
33. The journey of Africa's medication: How traceability can guarantee quality delivery of pharmaceutical products (2024).
34. DataSight Limited: When caution meets a moving market (2024).
35. From chaos to control: The supply chain's impact on entrepreneurial success (2025).
36. The invisible hand: How operations management shapes entrepreneurial journeys (2025).

THESIS & DISSERTATION SUPERVISION

PhD Supervision — GIMPA

- Esther Ntummy Lartey — Implementation of circular economy practices among plastic manufacturers in Ghana.
- Rebecca Agyeiwaa Boadi — Supply chain resilient capabilities and retail supermarket operational performance.
- Stephen Awuku Asah — Supply chain risk management and performance in manufacturing: the role of visibility and flexibility.

PhD Examination — GIMPA

- Thomas Akrofi — Resilient strategies and operational performance: the moderating role of supplier development in healthcare supply chains.

MBA Supervision — GIMPA

- Peter Kofi Sedufia · Francis Kofi Mensah · Daniels Kwesi Gyasi · Maxwell Agudogo · Collins Nero · Loretta Asefuaba Kyei

MBA Examination — GIMPA

- Lizert Kukua Essel · Patricia Ayisi · Dorinda Adjo Ayiem · Emmanuel Osei · Daniel Opoku Denyirah · Frank Nkansah

Undergraduate Supervision — GIMPA

- Osei Racheal Naana — Corporate governance quality as a moderator of the ESG-financial performance relationship in Ghanaian firms.
- Habiba Abugri — Breakdown of customer complaint intelligence during organisational transition: A study of Telecel Ghana.
- Nhyira Adomako — The impact of data analytics adoption on innovation and firm performance among private technology firms in Accra.
- Asabea Okoampah — Digital marketing for women's health awareness campaigns in Ghana: The case of PCOS.

TEACHING PORTFOLIO

Operations & Supply Chain: Operations Management, Supply Chain Management, Supply Chain Analytics, Service Operations Management, Strategic Operations Management

Sustainability & Business: Sustainable Business, Green Entrepreneurship, Global Business and Ethics, Corporate Sustainability

Quantitative & Analytics: Business Analytics, Data Analytics for Business Administration, Statistics, Quantitative Methods, Optimisation, Engineering Mathematics

PROFESSIONAL MEMBERSHIPS & CONFERENCES

Memberships

- Ghana Institute of Procurement and Supply — Associate Member (Professional), 2023 – Present.
- Production and Operations Management Society (POMS) — Member, 2016 – Present.

Selected Conference Presentations

- 35th POMS Conference, Atlanta, Georgia, USA, May 2025.
- 34th POMS Conference, Minneapolis, Minnesota, USA, April 2024.
- 6th Biennial HR Conference, Ghana Chamber of Mines — Panellist on data-driven HR decision-making, August 2024.
- 29th POMS Conference, Houston, Texas, USA, May 2018.
- 28th POMS Conference, Seattle, Washington, USA, May 2017.
- Waste Management Conference, Wessex Institute of Technology, Valencia, Spain, June 2016.

TECHNICAL & RESEARCH SKILLS

Statistical & Analytical Software: PLS-SEM 4.0 (SmartPLS), SPSS, R-Studio, STATA, MATLAB, Amos

Data Visualisation: Tableau, Power BI, RapidMiner

Research Methods: PLS-SEM, fsQCA, DEMATEL, MCDM techniques, mixed-methods design, monitoring and evaluation

Productivity: Microsoft Office Suite (Word, Excel, PowerPoint)

RESEARCH INTERESTS

Sustainable Supply Chain Management • Circular Economy Practices • Corporate Sustainability Performance
Green Entrepreneurship • Sustainable Business Location Decisions • Supply Chain Analytics
Operations Management • Global Business and Ethics • Agri-Food Supply Chain Resilience

REFERENCES

Available on request.