

Dr. JOSEPH K. NWANKPA

nwankpjk@miamioh.edu

Farmer School of Business, Miami University
800 E. High St, Oxford, Ohio 45056-3600

(513) 529-4838

SUMMARY

Dr. Nwankpa's research interests include digital transformation, cybersecurity, predictive modeling, ICT for development and social media strategy in a variety of contexts. His work has been published in European Journal of Information Systems, Information and Management, Journal of Knowledge Management, International Journal of Information Management, Artificial Intelligence Review, Annals of Operations Research, Computers and Security, Communications of the Association for Information Systems, Journal of Systems and Software, Computers in Human Behavior and other journals and edited volumes. His teaching portfolio includes MBA and undergraduate courses in Information Systems, Cybersecurity and IT strategy delivered in traditional, online and hybrid blended formats.

ACADEMIC POSITIONS

Farmer School of Business, Miami University, Oxford, Ohio

2021 - present *FSB Director of Cybersecurity Initiatives*

Farmer School of Business, Miami University, Oxford, Ohio

2017 - present *Assistant Professor of Information Systems & Analytics*

Robert C. Vackar College of Business & Entrepreneurship, The University of Texas Rio Grande Valley (Formerly University of Texas – Pan American), Edinburg, Texas

2013 - 2017 *Assistant Professor of Information Systems*

External Affiliations

2019 - present *External Examiner, Doctor of Philosophy Program, Kwame Nkrumah University of Science and Technology, School of Business, Kumasi, Ghana*

2017 - present *External Examiner, Doctor of Business Administration Program, Nobel International Business School (NiBS), South Legon, Ghana.*

2015 - 2017 *Visiting Professor, Ghana Institute of Management and Public Administration (GIMPA), Accra, Ghana*

EDUCATION

2012	Kent State University, Kent, Ohio <i>Doctor of Philosophy</i> Major: Information Systems, Minor: Advanced Statistics & Marketing Dissertation Title: <i>The Implications of Real Options on ERP-Enabled Adoption</i>	Ph.D.
2008	University of Windsor, Ontario, Canada <i>Master of Business Administration</i>	MBA
2007	Hanken School of Business, Helsinki, Finland <i>Master of Science in Advanced Financial Information Systems</i>	M.Sc.
2000	Abia State University, Abia State, Nigeria <i>Bachelor of Science in Accounting</i>	B.Sc.

HONORS AND AWARDS

2022	Outstanding Professor Award Nominee for 2021-2022 Academic Year (ASG)
2021	Outstanding Contribution in reviewing European Journal of Information Systems
2020	Summer Research Appointment Grant, Farmer School of Business, Miami University
2019	Best Paper for Track at International Conference on Information Systems (ICIS)
2018	Outstanding Contribution in reviewing Information & Management Journal
2017	UTRGV College of Business PhD Committee Dedication Award
2016	Selected Participant, Junior Faculty Consortium, International Conference on Information Systems (ICIS)
2015	UTRGV Junior Faculty Travel Support Award
2015	Nominated for Best Paper submission DSI's 2015 Annual Conference
2014	UTPA Junior Faculty Travel Support Award
2013	UTPA Faculty Development Council Grants, UTPA FDC
2010	Kent State University CIS Doctoral Student Support Award
2009	The Honor Society for International Scholars -Outstanding Academic Award
2009	ACA Northeast Ohio Book scholarship Award
2009	Alpha Kappa Mu – Kent State University Scholarship Award

RESEARCH HIGHLIGHTS

- Over 20 referred journal publications and over 10 referred conference publications
- 2 publications in the AIS Senior Scholars Basket of 8 top Information Systems journals
- Over 1200 research citations (scholar.google.com)
- Published research paper selected by Strategic Direction journal for reprint and dissemination to CEO's of Fortune 500 companies.
- Paper Featured in 2018 Science2Practice: Science to Practice is a non-profit organization inspired by the idea to communicate lasted EJIS research findings to inform practitioners.
- 1 Best Paper Award for Track at the International Conference on Information Systems (ICIS) 2017
- Nomination for best paper at 2015 Annual Conference of the Decision Science Institute

RESEARCH

PEER-REVIEWED PUBLICATIONS (Citations as of July 26, 2022:1200; h-index:13; i10-index:17)

Nwankpa, J. K., & Datta, P., (2022) Leapfrogging Healthcare Service Quality in Sub-Saharan Africa: The Utility-Trust Rationale of Mobile Payment Platforms. *European Journal of Information Systems* 31(1), 40-57.

Nwankpa, J. K., Roumani, Y., & Datta, P., (2022) Process Innovation in the Digital Age of Business: The Role of Digital Business Intensity and Knowledge Management. *Journal of Knowledge Management* 26(5), 1319-1341.

Datta, P., Whitmore, M., & **Nwankpa, J. K.** (2021) A Perfect Storm: Psychological and AI(Technological) Antecedents to Information Bias Anchoring (IBA) in Social Media News. *Digital Threats: Research and Practice*, 2(2), 1-21.

Datta, P., & **Nwankpa, J. K.** (2021) Digital Transformation and the COVID-19 Crisis Continuity Planning. *Journal of Information Technology Teaching Cases*, 1-9.

- Nwankpa, J. K.** & Merhout, J.W. (2020) Exploring the Effect of Digital Investment on IT Innovation. *Sustainability*,12,7374.
- Roumani, Y., & **Nwankpa, J. K.** (2020) Examining Exploitability Risk of Vulnerabilities: A Hazard Model. *Communications of the Association for Information Systems*,46(1), 18.
- Roumani, Y. F., **Nwankpa, J. K.**, & Tanniru, M. (2020) Predicting Firm Failure in the Software Industry. *Artificial Intelligence Review*, 53, 4161-4182.
- Roumani, Y., & **Nwankpa, J. K.** (2019). An empirical study on predicting cloud incidents. *International Journal of Information Management*, 47, 131-139.
- Nwankpa, J. K.**, Datta, P (2017) Balancing Exploration and Exploitation of IS Resources: The Influence of Digital Business Intensity on Perceived Organizational Performance. *European Journal of Information Systems*, 26, 469-488.
- Roumani, Y., **Nwankpa, J. K.**, Roumani, Y. F. (2017) Adopters' Trust in Enterprise Open Source Vendors: An Empirical Examination. *Journal of Systems and Software*,125, 256-270.
- Oh, C., Roumani, Y., **Nwankpa, J. K.**, & Hu H-F. (2017) Beyond likes and tweets: Consumer engagement behavior and movie box office in social media. *Information & Management*, 54(1), 25-37.
- Nwankpa, J. K.**, Roumani, Y & Roumani, Y. F. (2016) Exploring ERP-enabled Adoption: A Real Options Perspective. *Communications of the Association for Information Systems* 39(24).
- Roumani, Y. F., Roumani, Y., **Nwankpa, J. K.**, & Tanniru, M. (2016) Classifying Readmissions to a Cardiac Intensive Care Unit. *Annals of Operations Research*, 1-23.
- Roumani, Y., **Nwankpa, J. K.**, Roumani, Y. F (2016) Examining the relationship between firm's financial records and security vulnerabilities. *International Journal of Information Management*, 36(6), 987-994.
- Roumani, Y., **Nwankpa, J. K.**, & Roumani, Y (2015) Time series modeling of vulnerabilities. *Computers & Security*, 51, 32-40.
- Nwankpa, J. K.** (2015) ERP System Usage and Benefit: A model of antecedents and outcomes. *Computers in Human Behavior*, 45, 335-344.
- Roumani, Y., **Nwankpa, J. K.**, & Roumani, Y. F (2015) The impact of incentives on the intention to try a new technology. *Technology Analysis & Strategic Management*, 27(2), 126-141.
- Nwankpa, J. K.**, & Roumani, Y. (2014) The Influence of Organizational Trust and Organizational Mindfulness on ERP System Usage. *Communications of the Association for Information Systems*, 34(1), 86.
- Nwankpa, J.**, & Roumani, Y (2014) Understanding the link between organizational learning capability and ERP system usage: An empirical examination. *Computers in Human Behavior*, 33, 224-234.
- Nwankpa, J. K.**, Roumani, Y., Brandyberry, A., Shanker, M., Guiffrida, A., & Hu, M (2013) Understanding the link between ERP systems and ERP-enabled Adoption. *Information Resources Management Journals*, 26(4), 18-39.
- Nwankpa, J.**, & Datta, P (2012) Perceived Audit Quality from ERP Implementations. *Information Resources Management Journal*, 25(1), 61-80.

INVITED PUBLICATIONS

Nwankpa, J. K. (2014). Digital Business Environment and Audit Quality, *International Journal of Accounting Research*, 2 (1), 114.

REFEREED BOOK CHAPTERS

Nwankpa, J. K., (2018) ERP System Benefit Realization and the Role of ERP-enabled Application Integration. *Encyclopedia of Information Science and Technology*, 4th Edition, IGI Global Publishing.

Nwankpa, J. K., & Roumani, Y (2016). An Evaluation of the Relationship Between ERP-enabled Integration and ERP Benefit. In M. Warkentin (Ed.), *Models and Applications in the Decision Sciences: Best Papers from the 2015 Annual Conference*. Upper Saddle River, NJ: Pearson.

Nwankpa, J. K., & Roumani, Y (2014) Business Process Complexity, System Complexity and Perceived Audit Quality: An ERP System Perspective. In M. Tavana (Ed.), *Developing Business Strategies and Identifying Risk Factors in Modern Organizations*, IGI Global Publishing, 168-188

REFEREED CONFERENCE PROCEEDINGS

Tanriverdi, H., Roumani, Y., & **Nwankpa, J. K.** (2019) Structural Complexity and Data Breach Risk. *International Conference on Information Systems*, Munich, Germany, December 15-18. **Won Best Paper for the Track.**

Nwankpa, J. K., & Roumani, Y. (2018). Relationship between Digital Business Intensity and Process Innovation: An Empirical Examination. *American Conference on Information Systems*, New Orleans, Louisiana, August 16-18.

Nwankpa, J. K., & Roumani, Y. (2016). IT Capability and Digital Transformation: A Firm Performance Perspective. *International Conference on Information Systems*, Dublin, Ireland, December 11-14.

Nwankpa, J. K., & Roumani, Y. (2015). The Mediating Role of ERP-enabled Application Integration on ERP Benefit. *Proceedings of the 46th Annual Conference of the Decision Science Institute*, Seattle, Washington, November 21-24. **Nominated for Best Paper.**

Nwankpa, J. K., & Roumani, Y. (2015). Real Options and Subsequent Technology Adoption: An ERP System Perspective. *48th Annual Hawaii International Conference on System Sciences*, January 5-8.

Nwankpa, J., & Roumani, Y. (2013). An Investigation into the Effect of Organizational Trust on ERP System Usage. *Proceedings of the 44th Annual Conference of the Decision Science Institute*, Baltimore, Maryland, November 16-19.

Nwankpa, J., & Roumani, Y. (2012). Business Process Complexity and IS Audit Service Quality: An Enterprise System Perspective. *Proceedings of the 43rd Annual Conference of the Decision Science Institute*, San Francisco, California, November 17-20.

Nwankpa, J., & Roumani, Y. (2012). The Implications of Project Proliferation on Open Source Software Adoption. *Proceedings of the 43rd Annual Conference of the Decision Science Institute*, San Francisco, California, November 17-20.

Roumani, Y., Shanker, M., Datta, P., & **Nwankpa, J.** (2012) Adopters' Trust in Enterprise Open Source Software. *Midwest Decision Science Institute Conference Proceedings*, Grand Rapids, Michigan, April 12-14.

Nwankpa, J., & Roumani, Y. (2011). Examining the Dual Role in Open Source Software Development Methodology as Barrier to Adoption. *Northeast Decision Science Institute Conference Proceedings*, Montreal, Canada, April 13-16.

Nwankpa, J., & Roumani, Y. (2011). The impact of Multiple Related Projects on Acceptance of Open Source Software. *Western Decision Science Institute Conference Proceedings*, Portland, Oregon, April 5-8.

Roumani, Y., & **Nwankpa, J.** (2011). Exploring Open Computing. *Western Decision Science Institute Conference Proceedings*, Portland, Oregon, April 5-8.

Brandyberry, A., Fay, B., **Nwankpa, J.**, & Roumani, Y. (2009). Exploring the Impact of Tangible Extrinsic Rewards on the Initial Trial of a Technology. *Proceedings of the 40th Annual Conference of the Decision Science Institute*, New Orleans, Louisiana, November 14-17.

PROFESSIONAL SERVICE

Editorial Review Board , Sustainability Journal	2019-present
Guest Editor , Sustainability Journal	2020-2021
Special issue on “Information Systems and Digital Business Strategy”	
Mini Track Chair ,	2017-present
Americas Conference on Information Systems	
Track Associate Editor ,	2017-present
European Conference on Information Systems	
 Ad-hoc Reviewer	2017-present
<ul style="list-style-type: none"> ▪ Management Science ▪ Information Systems Research ▪ Journal of the Association for Information Systems ▪ Journal of Information Technology ▪ Information Systems Journal ▪ Technovation 	<ul style="list-style-type: none"> ▪ European Journal of Information Systems ▪ Journal of the Operational Research Society ▪ Information & Management ▪ International Conference on Information Systems (ICIS) ▪ Americas Conference on Information Systems

UNIVERSITY SERVICE

Advisory Board Member	2020-present
<i>Farmer School of Business, Board Representative, The Louis Stokes Alliance for Minority Participation (LSAMP)</i>	
<ul style="list-style-type: none"> ▪ Mentoring and guiding LSAMP students within the Farmer School of Business. 	
 Graduate Studies Committee	2021-2023
<i>Farmer School of Business Committee, Miami University</i>	
 Interdisciplinary College-Level Search Committee	2021-2022
<i>Search Committee Member Director of the Center for Technical Cybersecurity Education and Research</i>	
<ul style="list-style-type: none"> ▪ I am an active member of the search committee. 	
 Department Search Committee	2018-2019
<i>ISA Department, Miami University, Tenure-Track Search Committee</i>	
<ul style="list-style-type: none"> ▪ I was an active member of the search committee that lead to the successful hiring 	

of a faculty member.

Seminar Series Coordinator

2017-2019

ISA Department, Miami University,

- Served on department committee that coordinated and invited speakers to the department.

University Library Department Liaison

2017-2019

Miami University Department Library Representative,

- Advised University Librarian on needed materials and emerging applications.

TEACHING INTERESTS

- Object-Oriented Programming in Java
- Organizational Design & Implementation
- Business Analytics and Data Mining
- Digital Transformation
- Mobile Application Development
- Enterprise System Implementation
- Information Systems Security
- Database Management Systems
- IT Strategy & Management

PROFESSIONAL MEMBERSHIPS

- American Statistical Association 2008-present
- Association for Information Systems 2009-present
- Decision Science Institute 2008-present
- Institute for Operations Research and the Management Science (informs) 2011-present

INDUSTRY EXPERIENCE

Program Consulting Team

2007

Nokia Networks Espoo, Finland

- Member of Nokia Business Analysis Division and Helsinki School of Economics team tasked with identifying emerging markets for Nokia New Mobile Device.

Trade Officer

2001-2005

Heritage Bank Plc Lagos, Nigeria (Formerly Citizens Bank)

- Successfully coordinated the implementation of a new banking software Application in the department.
- Processed customers' Letters of Credit issuance, amendment, and remittances using Society for Worldwide Interbank Financial Telecommunication (SWIFT) Network.
- Reconciled Foreign currency Nostro accounts in more than 10 countries including Citibank, New York and Deutsche Bank AG, Frankfurt.
- Coordinated documentary collection of shipping documents through buyers' and sellers' banks.

REFERENCES

To be provided upon request