

TEMIDAYO ADEPOJU

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RESEARCH INTEREST

My research interest lies in the intersection of healthcare and operations management. I use my empirical training to answer research questions that investigate the quality and efficiency of care delivery processes in hospitals.

EDUCATION

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| Ph.D. Questrom School of Business, Boston University
Operations & Technology Management
<i>Dissertation: Essays on Improving Patient Flow in Hospitals</i>
<i>Committee: Anita Tucker, Erol Pekoz and Justin Ren</i>
Advisor: Prof. Anita Tucker | July, 2021 |
| MBA Isenberg School of Management, UMASS, Amherst
Operations & Information Management | May, 2015 |
| MSc. Manchester Business School, University of Manchester
Information Systems | September, 2012 |
| BSc. University of Lagos, Nigeria
Computer Science | December, 2007 |

PUBLICATIONS

Published Papers:

Adepoju T.A., Tucker A., Jin H., and Manasseh C., "Hospital Boarding Crises: The Impact of Urgent versus Prevention Responses on Length of Stay". Management Science (2023)

Working papers

Adepoju T.A., Tucker A., Carlo C., and Manasseh C., "Designed for Variability: The Benefit of a Dedicated Observation Unit on Hospital Performance."

Ding X., Adepoju T.A., "Busyness, Task complexity and Access to surgery: An Empirical study of Racial Disparity in Hospitals"

Adepoju T.A., Ding X., "To Discharge or Admit: Racial Disparities in Emergency Department Disposition"

Adepoju T.A., Rodgers M., Li S., Jacques S., Cephas M., “Optimal Nurse Staffing in Pediatric Intensive Care Unit”

Zhou C., Adepoju T.A., Dreyfus D., Ramdin C., Dym A., Muckey E., Rosania A., Nelson L., “Improving Emergency Department Flow: A Predictive Model for Ambulance Diversion”

HONORS AND AWARDS

MBA Fellowship Isenberg School of Management	2013-2015
Questrom PhD Scholarship Boston University	2016-2021
Junior Scholar SCM department, Rutgers Business School	2023-2024
Early Career Faculty Fellow Institute for the Study of Global Racial Justice	2023

TEACHING & RESEARCH EXPERIENCE

Rutgers Business School, Rutgers University Assistant Professor, Supply Chain Management (Demand Planning) Demand Planning and Fulfillment (29:799:310, 33:799:310)	2021-Present
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Questrom School of Business, Boston University Adjunct Lecturer, Operations Management (OM323, Spring) Teaching Assistant, Adding Value through Operations and Technology (OM726, Summer)	2020
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SELECTED INDUSTRY EXPERIENCE

KPMG, Boston IT Risk Consultant	2015-2016
<ul style="list-style-type: none"> • Executed annual Sarbanes-Oxley compliance program for clients • Developed and executed risk assessment and IT audit plan • Performed research and fieldwork to test application and infrastructure controls and business processes • Produced report of control findings • Provided risk remediation and mitigation efforts around identified issues 	
Cubeserve (formerly Novira Solutions), Nigeria Software Developer	2009-2011
<ul style="list-style-type: none"> • Designed, developed and deployed several software and web-based customized IT projects using SQL and PHP • Performed analysis of existing IT systems and business processes 	

- Performed feasibility studies for user requirement and evaluated scalability of new systems
- Assured SDLC policies and procedures were implemented for all project deliverables
- Liaised with business development team throughout project lifecycle
- Conducted prototype demo sessions for clients
- Developed user-manual and documentation for training
- Facilitated weekly meetings with team to report status of project milestone

PRESENTATIONS AND INVITED TALKS

Conference

Ding X., Adepoju T.A., “Resource Limitation and Utilization: An Empirical study of Health Disparity in Hospitals”

POMS Annual Meeting, Minneapolis, April 25th -29th, 2024 (*Session Co-Chair*)

Zhou C., Adepoju T.A., Dreyfus D., Ramdin C., Dym A., Muckey E., Rosania A., Nelson L., “Improving Emergency Department Flow: A Predictive Model for Ambulance Diversion”

INFORMS Annual Meeting, Arizona. October 15th-18th, 2023 (*Invited talk*)

Adepoju T.A., Tucker A., Carlo C., Manasseh C., “Designed for Variability: The Benefit of a Dedicated Observation Unit on Hospital Performance.”

POMS Annual Meeting, Florida. May 21st-24th, 2023 (*Session chair*)

INFORMS Healthcare Meeting, Canada. July 26th-28th, 2023 (*Invited talk*)

Adepoju T.A., Tucker A., Carlo C., Manasseh C., “External Collaborative Coordination: Improving Efficiency in a Dedicated Observation Unit”

INFORMS Annual Meeting, California. October 24th-27th, 2021 (*Invited talk*)

Adepoju T.A., Ren J. Pekoz E., “The Impact of Dedicated Capacity on Overall Hospital Patient Flow”

POMS Annual Meeting, Virtual. April 30th - May 5th, 2021 (*Invited talk*)

DSI Annual Meeting, Virtual. November 17th-20th, 2021 (*Invited talk*)

Adepoju T.A., Tucker A., Long P., Manasseh C., “An Empirical Study of the Operational Cost and Benefit of Dedicated Capacity”

INFORMS Annual Meeting, Virtual. November 8th-11th, 2020 (*Invited talk*)

DSI Annual Meeting, Virtual. November 21st -23rd, 2020

Adepoju T.A., Tucker A., Jin H., Lara R., Manasseh C., “Hospital Boarding Crises: The Impact of Urgent versus Prevention Responses on Length of Stay”

MSOM Conference, Singapore. June 30th – July 2nd, 2019 (*Selected participant*)

Wharton Empirical OM Workshop, Virtual September 10th-11th, 2020 (*Selected participant*)

Stanford GSB Rising Scholar Conference, Virtual October 27th -28th, 2020 (*Selected participant*)

Harvard Business School, Virtual January 6th, 2021 (*Invited talk*)

University of Chicago, Booth School of Business, Virtual January 5th, 2021 (*Invited talk*)

Adepoju T.A., Tucker A., Jin H., Manasseh C., “Dealing with Hospital Occupancy Crises Urgent Versus Prevention Responses”

POMS Annual Meeting, DC. May 2nd -5th, 2019 (*Invited talk*)

Adepoju T.A., Tucker A., Jin H., Lara R., Manasseh C., “Coordinating During Chaos: The Enhanced Benefit of Coordinating Future Discharges During Occupancy Crisis”

DSI Annual Meeting, Chicago. November 17th -19th, 2018 (*Invited talk*)

INFORMS Annual Meeting, Arizona. November 4th -7th, 2018 (*Invited talk*)

Adepoju T.A., Tucker A., Jin H., Lara R., Manasseh C., “Impact of Health IT-Enabled Coordination on Inpatient Length of Stay”

POMS Annual Meeting, Texas. May. 4th -7th, 2018 (*Invited talk*)

Value Institute 2018 Spring Symposium, Christiana Care, June 1, 2018 (*Invited guest*)

Seminar Speaker

Adepoju T.A., Tucker A., Carlo C., Manasseh C., “External Collaborative Coordination: Improving Efficiency in a Dedicated Observation Unit”

MIT OM Seminar, MIT, Cambridge, Massachusetts. May 9th, 2022

MEDIA

Faculti Interview: External Collaborative Coordination: Improving Efficiency in a Dedicated Observation Unit” January 13, 2022

Link: <https://faculti.net/external-collaborative-coordination/>

PROFESSIONAL AFFILIATIONS

- Member, Institute for Operations Research and the Management Sciences (INFORMS)
2018-Present
- Member, Manufacturing and Service Operations Management (MSOM)
2018-Present
- Member, Production and Operations Management Society (POMS)
2017-Present

PROFESSIONAL SERVICE

Departmental service

- PhD Admission Committee
- Co-chair SCM seminar

Peer-Reviewer :

- Manufacturing and Service Operations Management (MSOM)
- Management Science (MS)
- Journal of Management (JOM)
- Production and Operations Management (POMS)

Competition Judge:

- INFORMS Diversity, Equity and Inclusion Best Student Paper (2023)

- POMS College of Healthcare Operations Management Best Student Paper (2022)

Session Chair:

- POMS 32nd Annual conference (2022)
- POMS 33rd Annual conference (2023)
- POMS 34th Annual conference (2024)

PROFESSIONAL DEVELOPMENT

Advance Engage and Mentor eCARE program	2022-2023
POMS Emerging Scholar	2022, 2024

OTHER SERVICE AND LEADERSHIP

- Beta Gamma Sigma Society, 2021-present
- Future Faculty Diversity Fellow, Virginia Tech, 2020
- Women of Color, Operations Research and Management Science, INFORMS WoC Community group, 2020-present
- Member, PhD project, 2020-present

REFERENCES

Anita Tucker

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 Professor, Operations and Technology Management
 Boston University Questrom School of Business
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