MUBARAK IDDRISU

Tulane University
A.B. Freeman School of Business
GWBC – Office 402J
7 McAlister Dr, New Orleans, LA 70118

Phone: 614-284-6844
Email: middrisu@tulane.edu
LinkedIn

APPOINTMENT

Visiting Assistant Professor, Faculty of Management Science 2026 – present
A.B. Freeman School of Business, Tulane University

EDUCATION

University of Massachusetts Boston, Boston, MA 2021 – 2026
Ph.D. in Information Systems for Data Science & Management

Ohio University, Athens, Ohio 2019 – 2021
M.S. in Mathematics

University of Cape Coast, Cape Coast, Ghana 2014 – 2018
B.S. in Mathematics, Business (minor)

RESEARCH INTEREST

Management science planning models for community-based service delivery, with applications to public transit systems, senior-serving accessibility and shared housing.

RESEARCH ARTICLES

- **Iddrisu, M.**, Golmohammadi, D., Klassen, K., Aktas, E. (2026). Analytics for Managing Patient No-Shows: A Review of Overbooking Models in Outpatient Appointment Scheduling. ***Submitted.***
- Analytics-Driven Adaptation Planning for Flood Resilience Public Transit Systems: A Hybrid AI and Optimization Approach; ***Working paper***. with Davood Golmohammadi.
- Assessing Flood-related Transit Disruption and Accessibility to Senior-serving Facilities in Boston; ***Working paper.*** with Jeffrey Keisler and Michael Johnson.
- Multi-Attribute Matchmaking for Shared Housing: A Decision-Aid Model for the Home Match Program. ***Working paper.*** with Karla Corres-Luna and Michael Johnson.
- Information Systems, AI, and Climate Adaptation: A Systematic Literature Review. ***Working paper.*** with Youngho Yoon, Carol Lee and Pratyush Bharati.
- Advancing Transdisciplinary Environmental Justice in Decision Making and Decision Modeling for Climate Adaptations.*;* ***Working paper.*** with Michael Johnson and Amit Patel.

Refereed Conference Proceedings

- Yoon, Y., **Iddrisu, M.**, Lee, C., & Bharati, P. (2025). Information Systems, AI, and Climate Resilience: A Systematic Literature Review. *AMCIS 2025 Proceedings.* 50.

- **Iddrisu, M.**, Kan, G., & Lee, O. K. D. (2023). Exploring Socio-Technical Factors of Group Engagement in Metaverse Gaming: A Multi-Method Approach. *AMCIS 2023 Proceedings.* 4.
- Ayiku, E., **Iddrisu, M.**, Dinh, G, 2026, Dynamic Cluster-Aware Artist Recommendation: Adapting to Evolving User Preferences. *DSI 2026 Proceedings.*

TEACHING EXPERIENCE

Tulane University Fall 2026 – Present

MGSC 3010: Intro to Business Analytics

MGSC 7310: Modeling and Analytics

Associate Lecturer, Curry College Jan. 2026 – Present

Business Intelligence, Machine Learning, and Predictive Analytics MBA 7100 (Spring 2026): Tutoring data analysis, predictive modeling, and business intelligence, with hands-on Python programming for data acquisition (APIs, web scraping), cleaning, visualization, and applied machine learning.

University of Massachusetts Boston Sep. 2021 – Present

Instructor of Record – MSIS 212: Managerial Decision Making (Spring 2026): Teaching linear optimization, risk and decision analysis for management using Excel and Tableau.

Instructor of Record – MSIS 111L: Managerial Statistics (Fall 2025): Taught probability and regression analysis with hands-on lab sessions using Microsoft Excel to analyze and solve real-world problems.

Instructor of Record – MSIS 212: Managerial Decision Making (Spring 2024): Tutored case analysis in linear programming, risk analysis, and decision modeling with spreadsheet modeling.

Teaching Assistant to Prof. Jeffrey Keisler and Instructor – MBAMS 638**: Managerial Decision Models (Fall 2024):** I stepped in and tutored when the main instructor had an emergency leave a few weeks into the semester, and spearheaded spreadsheet modeling.

Teaching Assistant to Prof. Pratyush Bharati – MBAMS 640: Computers and Information Systems (Fall 2024). I reviewed cases, student discussions, graded assignments, and exams.

Teaching Assistant to Dr. Ehsan Elahi – MSIS 631: Operational Risk Management and MSIS 617: Management of the Supply Chain (Fall 2024): I reviewed class assignments and cases, student discussions, and graded assignments.

Teaching Assistant to Dr. Jean-Pierre Kuilboer – MSIS 670: Enterprise Business Intelligence (Fall 2022): I facilitated labs and student discussions using Tableau and Power BI, graded assignments and tests.

Ohio University Aug. 2019 – May 2021

Teaching Assistant – MATH3210: Linear Algebra (Spring 2021)

Instructor of Record – MATH1300: Pre-Calculus (Fall 2020)

Instructor of Record – MATH2500: Introduction to Statistics (Spring 2020)

Instructor of Record – MATH1200: College Algebra (Fall 2019)

University of Cape Coast Aug. 2018 – July 2019

Teaching Assistant – Introductory Analysis and Complex Analysis

SELECTED INVITED PRESENTATIONS

INFORMS Annual Meeting, Atlanta, Georgia. 2025.. **Iddrisu, M.**, Deep Learning Model for Predicting Urban Flood Risk of a Public Transit System

AMCIS, Montreal, Canada. 2025. Yoon, Y., **Iddrisu, M.**, Lee, C., & Bharati, P., Information Systems, AI and Climate Resilience: A Systematic Literature Review.

Annual POMS Conference, Atlanta, Georgia. 2025. **Iddrisu, M.**, Golmohammadi, D., Klassen, K., Aktas, E. (2025). Outpatient Appointment Systems: A Review of Overbooking and No-Shows.

INFORMS Annual Meeting, Seattle, Washington. 2024. **Iddrisu, M.**, Corres-Luna, K., Johnson, M. P., Situating Home Sharing within the Community-based Operational Research Framework.

INFORMS Annual Meeting, Phoenix, Arizona. 2023. **Iddrisu, M.**, Corres-Luna, K., Johnson, M. P., Decision Modeling to Support Home Sharing.

AMCIS, Panama City, Panama. 2023. **Iddrisu, M.**, Kan, G., & Lee, O. K. D., Exploring Socio-Technical Factors of Group Engagement in Metaverse Gaming: A Multi-Method Approach.

AWARDS AND HONORS

Best PhD Student Paper Award, NEDSI, 2026

Dean's Awards for Academic Excellence in Information Systems for Data Science, College of Management, 2025

Selected for the Behavioral Operations Management Summer Institute (BOMSI), June 2025

Professional Development Grant, Graduate Student Assembly, UMass Boston, 2024 and 2025

Scholarly Support Fund, Graduate Employee Organization, UMass Boston, 2024

DEI Ambassadors Program Award, Decision Analysis Society, INFORMS, 2022 – 2024

Dean's Awards, Mathematics Department, University of Cape Coast, Ghana, 2016 – 2018

PROFESSIONAL EXPERIENCE / SERVICES

Data Science Fellow, City of Boston, DoIT - Analytics Team, June 2023 – Oct. 2023

Member, Search Committee for the Vice Provost for Student Equity, Access and Success (SEAS), UMB 2025 – 2026

Reviewer for: *International Conference on Information Systems* and *America's Conference on Information Systems*

Session Chair in the session, "Community-engaged and equity-forward operations research and analytics I" at the INFORMS Annual Meeting, Seattle, WA, 2024

Member of: INFORMS, POMS, AIS, and DSI

REFERENCES

Jeffrey M. Keisler
Professor of Management Science and Information Systems
Fulbright Distinguished Chair, College of Management, University of Massachusetts, Boston
jeff.keisler@umb.edu
Phone: 617-287-7738

Michael P. Johnson
Professor of Public Policy and Public Affairs
Director of the Master of Public Administration Program
Special Assistant to the Chancellor, University of Massachusetts, Boston
michael.johnson@umb.edu
Phone: 617-287-6967

Davood Golmohammadi
Associate Professor of Management Science and Information Systems
College of Management, University of Massachusetts, Boston
davood.golmohammadi@umb.edu
Phone: 617-287-7731

Emmanuel K. Essel
Professor of Mathematics
Dean of School of Physical Sciences
Department of Mathematics, University of Cape Coast
eessel@ucc.edu.gh / ekessel04@yahoo.co.uk
Phone: +233-208162085