

IFEANYICHUKWU MORDI

Scientific and Technical Communication

UX Research | Ethical Usability | AI Governance

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Department of English, New Mexico State University

EDUCATION

Ph.D. in Rhetoric and Professional Communication

August 2025–Present

New Mexico State University, Las Cruces, NM

M.A. in Rhetoric and Professional Communication

August 2023–June 2025

New Mexico State University, Las Cruces, NM

B.A. in English Language

September 2011–July 2015

Obafemi Awolowo University, Ile-Ife, Nigeria

RESEARCH PROFILE AND INTERESTS

Published researcher and educator specializing in scientific and technical communication, with research spanning UX, ethical usability, and AI governance. Combines qualitative and quantitative analysis, research synthesis, and technical development to investigate access, accountability, and user agency in digital systems. Teaches science students and supports STEM-related writing and digital research projects. Professional experience includes technical documentation, digital museum communications, and national public-program campaigns.

Core research framework: technical communication; UX research; ethical usability; AI governance. Areas of practice include scientific and research communication, STEM writing support, knowledge translation, and technical documentation. Related interests include responsible AI, critical data literacy, digital rhetoric, multimodal pedagogies, and cross-cultural communication.

PEER REVIEWED PUBLICATION

Mordi, I. (2026). Ethical usability: Technical communication strategies to addressing user-centered challenges in e-governance. *Technical Communication and Social Justice*, 4(1), 130–156.

<https://techcommsocialjustice.org/index.php/tcsj/article/view/91>

Develops a Critical Socio-Technical Usability Analysis that connects interface design, linguistic inclusion, and access to public services. Synthesizes technical communication scholarship to address the everyday barriers people encounter on e-government platforms in Nigeria.

CONFERENCE PRESENTATIONS

A Critical Data Literacy Heuristic for Recognizing Uncompensated Digital Labor

Computers and Writing Conference, UNC Charlotte | June 2026. Presenter. Developed a framework for identifying hidden labor and power relations in data-driven systems.

The Border of Laws: Navigating the Third Space of AI Governance

Association of Teachers of Technical Writing Annual Conference | April 2026. Presenter.

A Critical Socio-Technical Usability Analysis of the NMSU Portal

Graduate Research and Arts Symposium, NMSU | October 2025. Poster; Second Place.

Translingual Agency and the Ethics of Foregrounding Indigenous Literacies in Technical Communication Pedagogy

Council for Programs in Technical and Scientific Communication Annual Conference | October 2025. Presenter.

Digital Tools for Visibility and Optimization

African Women's Entrepreneurship Program, Borderless Trade Network | July 2022. Presenter.

TEACHING EXPERIENCE

Graduate Teaching Assistant, Department of English

2023–Present

New Mexico State University | Las Cruces, NM

- Teach scientific and technical communication to undergraduate students, including students in science disciplines; guide audience adaptation, research synthesis, and clear presentation of complex information.

ENGL 2210H — Technical and Professional Communication Honors

Fall 2025

- Designed an honors-level syllabus that connected inquiry-driven research with client-based communication projects.
- Taught professional genres, usability, multimodal composing, and collaborative problem-solving.
- Evaluated proposals, recommendation reports, usability studies, and multimodal projects, translating assessment into specific guidance on evidence, rhetorical judgment, technical clarity, and project management.

ENGL 2210 — Technical and Professional Communication

Fall 2024–Spring 2025

- Developed a syllabus and taught professional writing, collaboration, and technical communication principles.
- Assessed technical reports, presentations, and digital content against assignment requirements; provided constructive feedback throughout the semester.

ENGL 1110 — Composition I

Spring 2024

- Designed a syllabus focused on foundational writing, research, rhetorical analysis, and effective source use.
- Taught essay structure and argument development; provided individual writing support and feedback on student essays and revision strategies.

Teaching Intern, English SS1–SS3

May 2017–February 2018

Federal Government College, Ikot-Ekpene | Akwa Ibom, Nigeria

- Prepared lesson plans with the supervising teacher and collaborated with experienced teachers on instruction, classroom activities, and student assessment.
- Observed student progress and recommended curriculum adjustments to address differing learning needs.

UNIVERSITY SERVICE AND PROGRAM SUPPORT

New Mexico State University | Las Cruces, NM

Consultation work included STEM-related writing and digital research projects, connecting disciplinary content with audience needs, clarity, and accessible communication.

Writing Program Support

2026–Present

- Provide program support within NMSU's Writing Program, which supports writing instruction, reflective teaching, and instructor development.

Creative Research Center Consultant

2025–2026

- Helped students and faculty translate research and teaching goals into digital and multimedia projects through consultations on digital tools and emerging technologies.
- Guided project design, software workflows, and accessible multimodal communication, adapting technical guidance to users across disciplines.

Writing Center Tutor

2024–2025

- Provided one-on-one online writing consultations for undergraduate and graduate students across disciplines, supporting idea development, organization, revision, and editing.
- Specialized in technical and professional writing, analytical writing, résumés, CVs, portfolios, and APA style; guided writers in responding to assignment requirements and audience needs.

PROFESSIONAL EXPERIENCE

Communications Intern

Spring 2024

LocalTech LLC | Las Cruces, NM

- Created and revised technical documents, user guides, and support materials with attention to usability, clarity, accessibility, and audience needs.
- Participated in user feedback sessions and revised materials based on documented needs; collaborated with marketing, technical, and product teams.

Media and Communications Manager

September 2020–April 2023

Discovery Museum | Abuja, Nigeria

- Directed media and communications for the launch of Nigeria's first digital museum.
- Connected communication strategy with virtual exhibit requirements and developed instructional materials and navigation guides to help visitors use the museum's digital platform.

Corporate Communications Associate

November 2018–June 2020

Sustainalytics Nigeria Limited | Abuja, Nigeria

- Served as a primary contact for client project communications within the strategic planning team, managing content dissemination and corporate visibility.
- Developed and executed communications for federal social investment programs through campaigns that reached more than ten million Nigerians across media platforms.

Media Intern

March–August 2018

Civic Innovation Lab | Abuja, Nigeria

- Managed social media, created campaign content for the Student Innovation Challenge, and designed materials for partners and sponsors.
- Supported a documentary that contributed to securing a Google Africa grant for the CivicX and Northern Code Project initiatives.

AWARDS AND FELLOWSHIPS

Second Place, Poster Presentation: Graduate Research and Arts Symposium, Graduate Research Council, NMSU | Fall 2025.

Merit-Based Enhancement Award: College of Arts and Sciences, NMSU | \$5,000 | Fall 2024–Spring 2025.

Graduate Assistantship: Department of English, NMSU | Fall 2023–Present.

PROFESSIONAL DEVELOPMENT

Writing Program Professional Development, NMSU: Fall 2023–Present. Facilitated Critical Data Literacies (Fall 2025) and 3D Argument Modeling and Material Rhetoric using Tinkercad (Spring 2026) workshops.

NASPA Peer Educator Training: Fall 2023. Training in peer mentoring and student-support protocols.

Digital Skills for Africa, Google Africa: September 2019. Certification in digital marketing fundamentals, including analytics and online campaign strategy.

Conference attendance: ATTW Annual Conference, "Building Community and Coalitions through Liberatory Pedagogies in Technical Communication" | June 2024.

SKILLS AND COMPETENCIES

Research methods: Qualitative and quantitative analysis; thematic coding; content and rhetorical analysis; research synthesis; mixed-methods interpretation.

Computational analysis: Data preparation; descriptive statistics; sentiment analysis; topic modeling; data visualization.

UX research and design: Audience analysis; usability testing; eye-tracking interpretation; web accessibility; interface prototyping; ethical usability.

Scientific and technical communication: Knowledge translation; scientific writing support; technical documentation; user guides; source evaluation; editing; content strategy.

Technical development and digital workflows: Web development and digital prototyping using Python, PHP, and Svelte; research tool integration; MALLER; GazeRecorder; WordPress; LLMs for workflow productivity.