About Me



NAME

Zeynep Orhan, PhD

TITLE

Clinical Associate Professor / Data Analytics and Statistics

YEARS AT UNT

Since January 2023

RESEARCH FOCUS AREAS

- AI, Machine Learning, NLP
- Responsible and Ethical AI
- AI in Healthcare & Mental Health
- AI Standards, Human–AI Interaction
- Data Analytics & Big Data

Current Research: Human-Centered AI

- AI in healthcare and mental health: benefits, risks and real-world impact
- AI and machine learning for postpartum depression: diagnosis, treatment and management
- Emotional harms of AI on human psychology and relationships
- Responsible AI: transparency, ethics, standards and model evaluation
- OLLI at UNT:
    - “Artificial Intelligence in Daily Life and How You Can Contribute” and
    - “The Social Media Paradox: Friend or Foe for Real Connection”

UNT AI Data Solutions Hub

- Concept developed through UNT's Transforming Ideas into Profit and Savings (TIP$) program
- Connect UNT faculty and students with specialized, human-centered AI evaluation projects
- Activities: model testing, expert feedback, benchmarking, bias analysis and responsible AI
- Human-Centered AI Innovation Initiative: "From AI Users to AI Contributors"
- Next step: interdisciplinary faculty team, focused pilot and external research/industry partners

AI in ACTION: AI for the Real World (2027)

- Organizer and Primary Investigator for DRI Grant: Zeynep Orhan
- Fourth annual UNT event: Proposed April 9, 2027; one-day Research and Poster Sessions
- Collaborating units:
    - Data Analytics and Statistics
    - Technical Communication
- University-wide forum for research, student posters, awards, industry exchange and community participation
- Previous event produced published **conference proceedings**
- 2027 aims to build interdisciplinary research collaborations

Grants, Support & Collaboration

- AI in ACTION 2025, 2026, 2027 (proposed)
- 2025 UNT Libraries Open Educational Resources grant: $5,000 (supporting role)
- Human-Centered AI Innovation Initiative: seeking pilot partners, sponsored research and grant opportunities (proposed, not awarded)
- Research priorities: responsible AI, human-centered model evaluation, AI in health and mental health
- Collaboration welcome: domain expertise, student research teams and industry partnerships