Mika Morgan
Instructor

Midwestern State University
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Department of Computer Science

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Education

Ph.D. in Computer Science* (GPA 4.0)
University of North Texas, Denton, TX
AUGUST 2021- PRESENT
currently pursuing

Master of Science in Computer Science (GPA 4.0)
Midwestern State University, Wichita Falls, TX
JANUARY 2018 - AUGUST 2021

Master of Education in Educational Leadership (GPA 4.0)
Midwestern State University, Wichita Falls, TX
AUGUST 2009 - DECEMBER 2011

Bachelor of Arts in Interdisciplinary Studies (GPA 3.7)
Midwestern State University, Wichita Falls, TX
AUGUST 2005 - DECEMBER 2009

Research

M. Morgan, S. Ludi, V. Boddu, and K. Patibanda, " Prioritizing Usability in Programming Environments for Children," *CHItaly 2025: 16th Biannual Conference of the Italian SIGCHI Chapter (CHItaly 2025)*, October 2025, Salerno, Italy. 7 pages. https://doi.org/10.1145/3750069.3750075

S. Makkena, G. Mallu, N. Poka, and M. Morgan, "Enhancing Blue Collar Jobs: Development of a Location-Based Mobile Job Portal for Repair Services," *Journal of Computing Sciences in Colleges*, Volume 40, Issue 7 (April 2025), 42–49

M. Morgan, S. Ludi, K. Gash and T. Truong, "Investigating the Usability and Critical Features of Coding Applications for Children: Insights from Teacher Interviews," *2024 IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC)*, Liverpool, UK, September 2024

Supervised a graduate student research project utilizing natural language processing, "BERT and VADER for Sentiment Analysis of Dallas-Fort Worth (DFW) Sports Teams." Oral presentation at the North Texas Area Student Conference. April 20, 2024

Poster presentation, "Usability of Coding Applications for Children: Insights from Teacher Interviews" at UNT Computer Science & Engineering Department's Spring 2024 Research & Design Expo. April 25, 2024

Poster presentation, "Impact of Usability Heuristics on User Satisfaction Among Coding Apps for Children" at UNT Computer Science & Engineering Department's Research Labs Open House. October 25, 2023

M. Morgan, S. Ludi, L. Cook and A. Warren, "Impact of Usability Heuristics on User Satisfaction Among Coding Apps for Children," *2023 IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC)*, Washington, DC, USA, 2023, pp. 252-254, doi: 10.1109/VL-HCC57772.2023.00045

EURECA research project with mentee Victor Marchesi, Fall 2022

Project Title: "A Sentiment Analysis Over Vaccines On Social Media"

Poster presentation accepted to Council on Undergraduate Research. Presented at North Texas Area Student Conference in Spring 2023.

Service

Spring 2025:
- Consortium for Computing Sciences in Colleges
  - South-Central Representative for CCSC National Board
  - South-Central Regional Editor for *The Journal of Computing Sciences in Colleges*
  - South-Central Regional Interim Treasurer
  - South-Central Regional ConfOps Chair
  - South-Central Conference Steering Committee
  - South-Central paper reviewer, four papers
  - Mid-South paper reviewer, three papers
- Member of the Teaching and Learning Resource Center committee
- Faculty advisor for 18 students
- Faculty mentor for Geoscience instructor
- Freshman Orientation volunteer, July 11 and August 7
- Department speaker for Mustang's Rally, August 21
- Proctored CMPS 1013 proficiency exams
- Member of the Computer Science Scholarship committee

Fall 2024:
- South-Central Representative for CCSC National Board
- Member of the Teaching and Learning Resource Center committee
- Faculty advisor for 21 students
- Faculty mentor for Geoscience instructor
- Saturday Tour volunteer, November 16
- Member of the Computer Science Scholarship committee

Spring 2024:
- Member of the Teaching and Learning Resource Center committee
- Served on the Computer Science Faculty Search committee
- Faculty advisor for 19 students
- Member of the Computer Science Scholarship committee
- Wrote eight recommendation letters
- Freshman Orientation volunteer, July 30
- Guest speaker for the Moffett Library's podcast, "Moffett Talks", May 13

Fall 2023:
- Programming Club faculty mentor
- Member of the Teaching and Learning Resource Center committee
- TLRC October Workshop host and guest speaker
  - "Empowering Educators: Navigating AI in the Classroom"
- Faculty advisor for 14 students
- Served on the Bolin Renovation Furniture committee
- Department speaker for Mustang's Rally
- Hosted the Women in Computer Science luncheon, Sept. 18th

- Proctored CMPS 1063 proficiency exam
- Member of the Computer Science Scholarship committee
- Evaluator for UGRCA Forum, Nov. 16
- Wrote four recommendation letters

Spring 2023:
- Programming Club faculty mentor
- Member of the Teaching and Learning Resource Center committee
- Faculty advisor for 12 students
- Served on the Outstanding Student Nomination committee
- Member of the Computer Science Scholarship committee
- Proctored Senior Exit exam, and taught review session
- Volunteered with North Texas Area Student Conference
- Assisted with student presentation evaluations before NTASC
- Assisted with set-up and served as speaker for UPE induction
- Department speaker for Mustang's Rally
- Nominated for Teacher Award and "Community" Faculty Award
- Tech for Teens Day of Code volunteer
- Taught Young Engineer Summer Camp workshop for coding
- Wrote six recommendation letters
- Attended multiple Bolin renovation meetings

Fall 2022:
- Programming Club faculty mentor
    - Hourly meetings two days per week
    - Average attendance of 9-10 students per week
    - Over 50 LeetCode problems solved
- Member of the Teaching and Learning Resource Center committee
- Faculty advisor for 14 students
- Hosted the Women in Computer Science luncheon, Sept. 13th
- Participated in Freshman Kickoff, August 19th
- Wrote six department assessment reports for 1044 and 1063
- Proctored 1013 and 1044 proficiency exams
- Wrote recommendation letter for a summer internship

Spring 2022:
- Programming Club faculty mentor
    - Hourly meetings two days per week
    - Average attendance of 8 students per week
    - Refreshments and participation incentives provided
- Member of the Computer Science Scholarship committee
- Volunteered with North Texas Student Area Conference
- Presented at Mustangs Rally, March 5th
- Judged for middle school science fair, April 2nd
- Wrote six department assessment reports for 1044 and 1063
- Wrote four recommendation letters for Outstanding Student Award nominees, resulting in three finalists and one winner
- Wrote three recommendation letters for summer internships
- Assisted with interviews and tours for the faculty candidates
- Assisted with set-up and served as speaker for UPE induction
- Proctored a 1044 proficiency exam
- Emcee for the math and computer science BBQ awards

Fall 2021:
- Volunteered with Math, Science, and U Girl's Conference
- Participated in Freshman Kickoff

- Wrote six department assessment reports for 1044 and 1063
- Created graphs for department assessment data report
- Assisted with the Women in Computer Science luncheon
- Assisted with programming team weekly meetings

Teaching Record

Fall 2024:
- CMPS 6903-101
- CMPS 1044-101
- CMPS 1013-X10

Summer 2024:
- CMPS 4553-401

Fall 2023:
- CMPS 1013-X20
- CMPS 1044-101
- CMPS 1044-103
- CMPS 1023-X20

Fall 2022:
- CMPS 1013-X10
- CMPS 1044-101
- CMPS 1044-103
- CMPS 1063-102

Summer 2022:
- CMPS 1023-X40

Fall 2021:
- CMPS 1013-X11
- CMPS 1044-101
- CMPS 1044-103
- CMPS 1063-101

Spring 2025:
- CMPS 5383-201
- CMPS 1044-202
- CMPS 1044-21A
- CMPS 1013-X20

Spring 2024:
- CMPS 1044-202
- CMPS 1063-201
- CMPS 5443-201

Spring 2023:
- CMPS 1013-X20
- CMPS 1044-201
- CMPS 1044-202
- CMPS 1023-X20

Spring 2022:
- CMPS 1013-X20
- CMPS 1044-201
- CMPS 1044-202
- CMPS 1063-202