



DEPARTMENT OF COMPUTER SCIENCE

19

*Full-time Tenure
Track/Tenured Faculty*

6

*Lecturers and
Instructors*

574

*Undergraduate
Students*

83

*Graduate Students
(MS/MA CS and MS CSTE)*

RECENT HIRES

**Jorge Fandinno**

PhD, University of Potsdam
Artificial Intelligence,
knowledge representation,
automated reasoning

**Pei-Chi Huang**

PhD, UT Austin

Cyber-Physical Systems, Robotics
with Machine Learning,
Real-time Computing and
Scheduling Algorithms, Wireless
Communication/Networking
Systems

**Spyidon Mastorakis**

Assistant Professor
PhD, UCLA

Computer networks and systems,
security, edge computing,
Internet of Things

**Kwangsung Oh**

Assistant Professor

PhD, University of Minnesota

Cloud computing, edge computing,
data analytics systems

**Agatha Owora**

Instructor

MS, Oklahoma State

CS Education, Game Design,
Data Analyses

**Jose Santos**

Lecturer, PhD, UNL,

Computer Architecture,
Embedded Systems,
Robotics

**Xin Zhong**

Assistant Professor

PhD, NJIT

Image Processing and analyses,
image watermarking, computer
vision, deep learning,
computational intelligence

DEPARTMENT HIGHLIGHTS

- Computer Science undergraduate program climbs 56 spots (now ranked 154) in US News Best Computer Science Undergraduate Program rankings.
- Online graduate certificate in Machine Learning is launched.
- Online graduate degree option available for Computer Science Teacher Education.
- New undergraduate software engineering concentration is announced.
- CS faculty hosted over 40 faculty, post-docs, research assistants, and students from South Dakota, Montana, Nebraska, for NSF EPSCoR Track II PI meeting.

RESEARCH HIGHLIGHTS

- Spyridon Mastorakis, receives NSF CRII: CNS: A Hybrid Software Defined Networking-Information Centric Networking Framework for the Reuse of Computing. He is also the recipient of NSF award for Gaitprints as Predictors of Disease and Disability for Effective Rehabilitation Engineering.
- Xin Zhong received NSF CRII: CIF: Automated and Robust Image Watermarking: A Deep Learning Approach.
- Robotics, Networking, and Artificial Intelligence (RNA) laboratory faculty – Pei-Chi Huang, Spyridon Mastorakis, Xin Zhong, and Kwangsung Oh – recognized with multiple federal and state research grant awards.
- Mastorakis et al, received best paper award for Irregular metronomes as Assistive Devices to Promote Healthy Gait Patterns at the IEEE Consumer, Communications and Networking Conference.
- Parakh, Chundi, and Subramaniam received best paper award for Quantum Cryptography Exercise Schedules with Concept Dependencies at the Colloquium on Information Systems and Cybersecurity Education.
- Department advanced its research footprints in Artificial Intelligence and Computing Systems areas with Fandinno, Huang, Mastorakis, and Oh authoring several publications in multiple prestigious conferences including AAAI, IJCAI, ICRA, INFOCOM, and IPDPS.

DEGREES & CERTIFICATES

- BS in Computer Science (ABET accredited since 2002)
 - Concentrations in Artificial Intelligence, Gaming, and Software Engineering
- BS/MS Fast Track Program
- MS/MA in Computer Science
 - Online Graduate Certificate in Machine Learning
- MS in Computer Science Teacher Education
 - Online degree option available
- PhD in Information Technology
 - Concentrations in Artificial Intelligence, Computing Systems, and Human Centered Computing