

COMPUTER SCIENCE

Faculty

Professor Son Tran, Department Head

Professor Huiping Cao, Associate Department Head

Professors Cao, Cook, Misra, Pontelli, Song, Tran;

Associate Professors Pivkina, Vishwanathan;

Assistant Professors Darian, Gaurav, Hamilton, Le, Lopez, Lopez-Morales, Naveed Ul Mustafa, Wayllace;

Affiliated NMSU Global Professors Nogueira

- *H. Cao, Associate Department Head, Ph.D. (Hong-Kong) – data mining, databases, data integration, applied machine learning;*
- *J. Cook, Ph.D. (Colorado) – software engineering, high performance computing;*
- *S. Darian, Ph.D. (CU Boulder) – human computer interaction, online communities, media design, citizen data science, digital activism ;*
- *G. Panwar, Ph.D. (New Mexico State) – security and privacy in distributed systems, edge computing systems, and smart grids; applied cryptography; and machine learning privacy and security;*
- *W. Hamilton, Ph.D. (Texas A&M) – media design, online communities, online education, and video game design/culture;*
- *T. Le, Ph.D. (Singapore Management University, Singapore) – data mining and machine learning, dimensionality reduction, visualization, topic models, embedding and generative models;*
- *P. Lopez, Ph.D. (New Mexico State) – computer science education, grading for equity, image processing, e-textiles;*
- *S. Misra, Ph.D. (Arizona State) – communication networks, social networks, high performance computing, security and privacy;*
- *E. Lopez-Morales, Ph.D. (Texas A&M University at Corpus Christi) – computer security, cyber-physical systems security, satellite security, industrial control systems security, cyber deception;*
- *Naveed Ul Mustafa, Ph.D. (Bilkent University, Ankara, Turkey) – computer architecture, hardware security, persistent memory, trusted execution environment;*
- *I. Pivkina, Ph.D. (Kentucky) – artificial intelligence, computer science education, data mining;*
- *E. Pontelli, Ph.D. (New Mexico State) – parallel processing, logic programming, knowledge representation, bioinformatics, assistive technologies;*
- *M. Song, Ph.D. (Washington) – statistical computing, systems biology, bioinformatics, computer vision;*
- *S. Tran, Department Head, Ph.D. (Texas-El Paso) – knowledge representation, planning, logic programming, non-monotonic reasoning, multi-agent systems;*
- *R. Vishwanathan, Ph.D. (North Texas) – cryptography, theoretical and applied, security, privacy;*
- *C. Wayllace, Ph.D. (Washington at St. Louis) – Human-aware AI, human-AI interaction, intelligent tutoring systems, goal recognition, and reinforcement learning;*

College Faculty

- *Mai Abo Shakra, MSc. in Computer Science (New Mexico State)*

Affiliated NMSU Global Professors

- *M. Nogueira, Ph.D. (University of Texas at El Paso) – knowledge representation and reasoning, machine learning, smart manufacturing;*