USA School of Computing

Depts. of Computer Science *and* Information Systems and Technology — Expertise and Resource Map

Research Faculty

Cybersecurity

Todd Andel, Ph.D.
Cybersecurity *NSF; Embedded Systems; Software Protection
CYB Curriculum Coordinator

Todd McDonald, Ph.D.
Cybersecurity *NSF; Embedded Systems; Software Protection

Jordan Shropshire, Ph.D.
Cybersecurity; Cloud Security *NSF

Mark Yampolskiy, Ph.D.
Cybersecurity; Cyber-Physical Systems; Security of 3D Printing

Alec Yasinsac, Ph.D.
Cybersecurity *NSF; Voting Systems; Insider Threats; Secure Software
SoC Dean

Digital Forensics

Michael Black, Ph.D.
Digital Forensics; Network Security; Information Assurance

Brad Glisson, Ph.D.
Digital Forensics; Mobile Device Forensics; Software Engineering

Phil Menard, Ph.D.
Cybersecurity; Digital Forensics; Risk Assessment

Bioinformatics & Health Informatics

Matt Campbell, Ph.D.
Health Informatics; Risk Assessment; Ethics
HI Curriculum Coordinator

Harold Pardue, Ph.D.
Risk Assessment; Health Informatics; Healthcare Education
SoC Graduate Director

Data Science

Ryan Benton, Ph.D.
Data Science; Data Mining; Bioinformatics

David Bourrie, Ph.D.
Data Analytics; Data Science; Health Informatics

Jingshan Huang, Ph.D.
Bioinformatics *NIH; Semantic Data Mining

Tom Johnsten, Ph.D.
Data Science *NSF; Data Mining; Bioinformatics
CS/CYB Chair

Computing Education & STEM

Debra Chapman, Ph.D.
Instructional Technology; STEM Education *NCWIT; Underrepresented Groups

Angela Clark, M.S.
CAE Designation; NSF SFS Program *NSF
IT Curriculum Coordinator

Jeff Landry, Ph.D.
IS Education; Risk Assessment; ABET Accreditation
IS/IT/HI Chair

Bob Sweeney, Ph.D.
IT Education

Robotics and Real Time Systems

Mike Doran, Ph.D.
Robotics; Real Time Systems; Honors Education

Risk Assessment

E-Voting

Collaborations/Resources
Internal & External

CURE Computing Undergraduate Research Experience

UCUR

Departmental Honors

University Honors

MS & Ph.D. Programs

Research Groups (Internal):
Computing Education
Cybersecurity
Data Science
Digital Forensics Information Intelligence

Research Groups (Interdisc.)
Biomedical Informatics
(w MCI, A&S, CAHP)
Health Informatics
Software Protection

Center for Forensics, Information Technology, & Security

Collaborators:
- College of Nursing (HI)
- MCI (Cancer Informatics)
- College of Education
- College of Engineering

Collaborators:
- AU, UAB, AAMU, ULL
- SoC Advisory Board
- AMRDEC
- Partner Schools: MCPSS, BCPSS, private & parochial schools

Equipment/ Instrumentation:
- Specialized Labs
- Cellebrite Digital Forensics Tool

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