At CISML, we focus on designing and developing algorithms and processes for computer-based systems that exhibit intelligent behavior, operate autonomously, and adapt to environmental changes.

EXAMPLE RESEARCH AREAS

- Artificial intelligence
- Data/text mining
- Deep Machine Learning
- Computational Geometry and Topology
- Geographic information systems
- Human infant perceptual and motor learning
- Neuromorphic systems
- Pattern recognition
- Prognostics and diagnostics
- Reinforcement learning
- Sensor networks
- Systems biology
- Visual Analytics

CISML PROFILE *

- 17 UT FACULTY AFFILIATES
- 10 ORNL RESEARCH AFFILIATES
- 50 STUDENTS
- 8 ACADEMIC DEPARTMENTS
  - Civil and Environmental Engineering
  - Electrical Engineering and Computer Science
  - Geography
  - Mathematics
  - Mechanical, Aerospace and Biomedical Engineering
  - Nuclear Engineering
  - Psychology
  - Statistics, Operations and Management Science

- 27 RELATED ACADEMIC COURSES
- 30 AVERAGE ANNUAL PUBLICATIONS

* as of Spring 2014

We are always exploring new avenues for collaboration.
If interested in joining our team as a research or industry affiliate, or simply interested in working with us, please contact us at cisml-info@utk.edu

INDUSTRY AFFILIATES