



# NSF Funded Industry/University Collaborative Research Center (IUCRC)



CENTER FOR ACCELERATED REAL TIME ANALYTICS

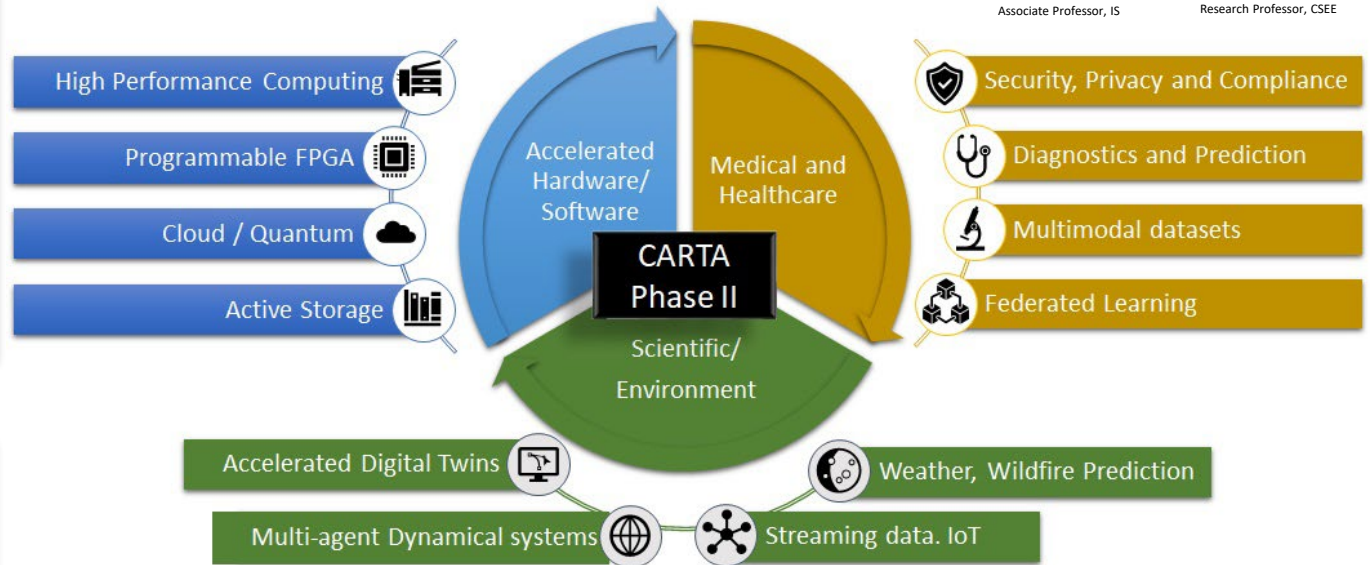
## Collaborative Projects

- Ethical Medical Data Analytics
- Machine Learning for Weather and Wildfire
- RISC V Benchmarking
- Knowledgegraph optimization on GPUs
- Legal Text Analytics
- Quantum Analytics
- Cloud Data Privacy, Security & Compliance

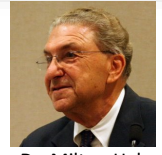
## Next Gen Computing

- Three HPC Clusters
- IBM Minsky nodes + GPU accelerated processors
- Quantum Computing
- Seagate Active Storage; HDDs, and Kinetic disks for real time analytics

Industry, Academia, and Government working together on cutting edge research in Data Analytics with a focus on Real Time Decision Making using Next Generation Accelerated Computing.



Dr. Karuna P Joshi  
UMBC Director  
Associate Professor, IS



Dr. Milton Halem  
Executive Manager  
Research Professor, CSEE

### Collaborative Research

- Several faculty from 4 Universities
- Over 15 graduate students
- Multi-Disciplinary Focus

### Industry Members