

## Dr. Dean Holloway: Research Foci

Mathematics Education/Educational Technology with a focus on:

- technological affordances and their role in learning. Specifically, the relationship between multimedia presentations and learning mathematics via:
  - perception of multimedia affordances,
  - motivational aspects of voice and distraction,
  - the initiation and preservation of situational interest.
  
- the application of principles of multimedia design in the creation of technological learning environments that scaffold the acquisition of mathematical concepts.