

## **Research Overview of OSU Speech and Language Technologies Lab**

Dr. Donna K. Byron

Assistant Professor

OSU Computer Science and Engineering

Website: [www.cis.ohio-state.edu/~dbyron](http://www.cis.ohio-state.edu/~dbyron)

Abstract: This poster presents an overview of projects relating to speech and language technology that are currently underway in the Ohio State Computer Science department's SLATE lab. The SLATE lab contributes to basic and applied research on spoken language technologies such as speech recognition and speech-based interactive assistants. Current projects include basic research to improve speech recognition, tools to facilitate automated or manual investigation of pronunciation variation, knowledge acquisition from the Web, and interactive agents for training or simulation in virtual reality.