**Zhong, Y., Gilbert, J., & Hu, W. (2003). Voice information retrieval for course**

**resources. Paper presented at the *World Conference on Educational Multimedia,***

***Hypermedia and Telecommunications 2003*, Honolulu, Hawaii, USA.**

Keywords: Voice information retrieval, information retrieval

The advances in speech recognition technology provide students an alternate way to search for course resources via mobile devices such as telephones instead of a computer. When a user issues a query that returns a large set of results, the system would perform an intelligent summarization of those results and present the information to the user verbally.

Zhong, Gilbert, and Hu (2003) introduced a voice information retrieval system that could be used to retrieve database course resources. Students can access their course

resources via telephone at any place and at any time. This type of system also gives those with visual or physical disabilities an easy way to retrieve the course information. Articles can also be retrieved using this method. The result list will be read one by one until the user selects a document. If a result list is too large, it will be divided by topic and the user will first be presented with one article on each topic. Once a topic is selected, similar documents will be presented. The user can then request to have the article emailed or delivered to a local library.