Assistive Technologies Research

- **Breaking Barriers**
- **Inclusive Museums** —
  Judy Vesel

  Judy Vesel is passionate about science education and creating new ways of learning for those with disabilities. Here, she discusses her latest project which investigates how technologies such as iPod apps can further the educational experiences of the deaf and hard of hearing during museum visits.

- **Increasing Access to Technical Science Vocabulary Through Use of Universally Designed Signing Dictionaries.** —
  Judy Vesel and Tara Robillard

- **It’s Elementary: What’s the Weather?** —
  Judy Vesel & Tara Robillard

  Is it sunny or cloudy, raining or snowing, hot or cold outside? Each and every day, we want to know what the weather is like to help us plan our day. In this universally designed iBook unit for grades 3-5, students with and without sensory disabilities … [More »]

- **Signing High School Science** —
  Judy Vesel

  This paper discusses evaluation research in classrooms with students in grades 9–12 who are deaf or hard of hearing and who communicate in sign language. [More »]

- **Signing Math & Science Dictionary Apps for Inclusion of Deaf and Hard of Hearing Visitors in Science Museum Exhibit Activities** —
  Judy Vesel

  **Summary**

  This paper discusses implementation research conducted by TERC, Inc., at the Museum of Science (MoS) in Boston. [More »]

- **Signing Math and Science** —
  Judy Vesel
  —*Closing the Gap*. October/November 2015

- **Signing Science! Andy And Tonya Are Just Like Me! They Wear Hearing Aids And Know My Language!?**

- **Teaching Mathematics Vocabulary with an Interactive Signing Math Dictionary** —
  Judy Vesel and Tara Robillard

- **The Universal eBook: Assistive Technology Meets 21st Century Book Publishing**