

Educational, Linguistic & Sign Language Researchers/Developers Group

Research Directions

July 1, 2013

1. Long-term costs and benefits of technological solutions (some not ready for prime time? e.g., automatic speech-to-text)
2. Social or literacy effects of technologies in the classroom, including remote mentoring, remote support (i.e., not just remote accommodation)
3. Effects of cohort differences in technological savvy
4. Advantages and disadvantages of synchronous vs. asynchronous services
5. Supporting collaboration within the classroom such as supporting multi-person discussion in the classroom (group work/study, discussion, labs)
6. Access strategies that are student versus organizational dependent
7. Terminology/language for ASL and STEM – possible technological solutions (and avoiding dead-ends)
8. Interpreter/captionist training and advancement in STEM (different issues?)
9. Enhanced captioning (including STEM related symbols, graphics, diagrams, typographic characteristics that enhance readability)
10. How can the access community share needs with the appropriate regulatory, standards development organizations and industrial design organizations to ensure products/services incorporate features that will benefit the diverse students we serve?