

1125-K1-2970

Gary C Blatto-Vallee* (gcbntm@rrit.edu), NTID Science and Mathematics Department, 52 Lomb Memorial Dr, Rochester, NY 14623. *“Teaching Mathematics to Deaf and Hard of Hearing Students in a Mainstream Setting: Tips, Tricks, and Strategies for Success”*.

Since the Americans with Disabilities Act (ADA) was passed into law in 1990, the number of deaf and hard of hearing (DHH) students enrolling in colleges and universities across the US has been on the rise. With this new reality come new challenges for DHH students and their mathematics instructors, the vast majority of whom have little experience accommodating DHH persons. Providing a sign language interpreter or real-time captionist in the classroom is a necessary first step but cannot be the only resource used when teaching a DHH student. This presentation will discuss actions and resources that mathematics instructors can and should take to support DHH students in their courses. Research relevant to deaf education on the whole and to teaching math to DHH students specifically will form the foundation of this session. The presenter will share “instructor tips” based on his more than two decades of classroom experience as an interpreter and mathematics lecturer. Resources created by DeafTEC, a National Science Foundation Advanced Technological Education National Center of Excellence, aimed at improving educational outcomes for DHH students in STEM education will be presented. (Received September 20, 2016)