Discussions of diversity in undergraduate mathematics education often focus on a lack of racial and gender diversity in the classroom. At Gallaudet University, a bilingual institution where both American Sign Language (ASL) and written English are used for instruction, linguistic diversity is brought to the foreground. The University’s mission emphasizes the “intellectual and professional advancement of deaf and hard of hearing individuals” and bilingualism is a particularly valued component of the students’ educational experience. For me, a new professor at Gallaudet University and a hearing individual currently learning ASL, this environment has led me to reexamine my instructional practices. In this presentation, I will reflect on my recent experiences and discuss the impact of linguistic diversity on teacher-student relationships, the classroom experience, and assessment of student learning. (Received September 24, 2018)