

**SP - (16083) - SCIENCE EDUCATION FOR THE DEAF: THE USE OF THE MUSEUM TO PROMOTE POPULARIZATION OF SCIENCE**

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**Short Abstract**

This work aims to understand how the Science Museums can promote the popularization of science, with focus on deaf visitors, through a case study conducted in Brazilian museums. Teaching science to deaf students in Brazil represents a challenge in Brazilian schools considering the lack of sign in the Brazilian Sign Language (Libras), causing the scientific exclusion of deaf students in the process of learning and teaching science. Considering that, teaching science to deaf persons can make use of complementary resources, like Science Museums. Those are informal education spaces that acts on subjective aspects and allows the construction of collective identity, allowing the inclusion and, consequently, the popularization of science to the deaf community. This case study considers interviews with three professionals that work in Brazilian Science Museums and attend deaf visitor and was analyzed by Analysis Content, and result in four categories, namely Measures of Accessibility, Visibility, Exclusion Factors and Access to knowledge. With this research, it was possible to recognize how Science Museums have promoted the inclusion of the deaf community through activities of Popularization of Science, but it was recognized that the development of research in the inclusion of the deaf in the field of Science still needs to be carried out, in addition to projects to include this community in informal educational spaces, such as Museums and Science Centers.