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Center for Scientific Review
National Institutes of Health
6701 Rockledge Drive
Room 1040 - MSC 7710
Bethesda, MD 20892-7710

To NIH:

The title of the grant is:

Aural Confusions of Consonants and Vowels in Children with Reading Disabilities

This grant is about reading disability (RD) in children. The abilities of children with RD to perceive the full repertoire of English consonants (C) and vowels (V) have yet to be examined. In two preliminary studies, we compared 11 children with RD to 6 control children who were good readers. We found that while children with RD do not experience severe aural confusions for Cs and Vs, they do experience moderate confusions for many speech sounds, to a significantly greater degree than control children. Cumulatively, this increased level of CV confusions could well result in considerable reading difficulties. The proposed study is designed to further explore our preliminary work, by investigating the impact of perceptual confusions on auditory memory, the integration of auditory perception and print, and the effect of training on auditory perception.

We have no restrictions regarding who may review this grant.

Sincerely,

Jont B. Allen