

Title: Enhancing speech motor control in speakers who stutter with transcranial direct current stimulation (tDCS)

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Summary: The objective of this study is to investigate the effects of a non-invasive brain stimulation technique, transcranial direct current stimulation (tDCS), in targeted brain regions to enhance speech fluency in stuttering speakers. It is expected that the results of the study will guide application of tDCS as a potential clinical tool that may be incorporated in clinical treatment of stuttering. We plan to recruit 60 adult PWS and 60 nonstuttering speakers between the ages of 18-65 to participate in this study. Other than stuttering, participants must have no speech, language, hearing, cognitive, or neurological deficits. Data collection will take place at the University of Michigan in Ann Arbor. Participants will be compensated for their participation. If you are interested in participating or would like more information, please contact Emily Garnett, Ph.D., CCC-SLP or Ai Leen Choo, Ph.D., at [tdcs.stuttering@umich.edu](mailto:tdcs.stuttering@umich.edu) or 734-232-3371.