



CALIFORNIA STATE SCIENCE FAIR 2015 PROJECT SUMMARY

Name(s) Austin S. Veseliza	Project Number S0925										
Project Title Touch to Talk: Wearable Tech Glove to Enable Speech Impaired Persons to Communicate with Strangers in Public											
<table border="1"><thead><tr><th>Objectives/Goals</th><th>Abstract</th></tr></thead><tbody><tr><td>Objectives/Goals Sign language is an effective alternative to speech for individuals who are speech impaired but still have full motor control. However, few people outside of the speech-impaired community understand any variety of sign language, leading to frustrating communication barriers between those who can't speak and those who can. Previously proposed solutions to replace typing messages out on a cell phone have typically required prior setup between the two conversation partners. Those solutions, while useful in more private situations, are not viable between strangers in a public setting. 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Help Received Received advice from my mentors: Brent Baier, Steve Mogensen, Bruce Schechter, Dr. Marilyn Buzolich, Rich Redelfs, Kim Saxe, Tim Saxe, Jen Selby, and George Jemmott.											