



# William Benson

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ADVISOR/MENTOR: Dr. Gorlewicz  
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## BIOGRAPHY

William has a B.S. in Physics from Rhodes College and is currently pursuing an M.S. in Mechanical Engineering at Saint Louis University. William is a member of SLU's Chrome lab. His main focus lies in enhancing social connectedness in video-mediated conferencing through the use of a robotic manipulator.

## RESEARCH

In the Chrome Lab at SLU, William is currently researching bridging the gap between video conferencing and humanoid robots. He has created an ergonomic manipulator that enables gesturing capabilities for telepresence interactions. The novelty in this work is the robust nature of the manipulator involved and the weight of the hand. A complex, heavier hand leads to a manipulator that is different and more mechanically intensive than most recent designs and introduces a variety of unique design challenges. William is also interested in the design and evaluation of wearable haptics as they relate to telerobotic communications.



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