WHAT: RESEARCH STUDY INVESTIGATING HOW CONCUSSIONS AFFECT THE ABILITY TO FOLLOW A TARGET LINE ON A COMPUTER SCREEN JUST BY PINCHING WITH YOUR INDEX FINGER AND THUMB AT VERY LOW FORCE LEVELS

WHO: YOUNG ADULTS AGES 18-30 (MEN AND WOMEN) WHO HAVE BEEN DIAGNOSED WITH A CONCUSSION BY A MEDICAL PROFESSIONAL, HAVE NO PRIOR EXPERIENCE WITH OUR LOW FORCE APPARATUS AND HAVE NO INJURIES TO THEIR PREFERRED HAND OR ARM THAT WOULD AFFECT THEIR PINCH FORCE CONTROL

WHERE: BELLMONT HALL 848B ON THE UNIVERSITY OF TEXAS AT AUSTIN CAMPUS (8TH FLOOR OF THE FOOTBALL STADIUM)

WHEN: SCHEDULED AT YOUR CONVENIENCE ON A SINGLE DAY FOR A PERIOD NOT LONGER THAN 60 MINUTES

WHY: TO UNDERSTAND BETTER HOW CONCUSSIONS AFFECT FINE MOTOR CONTROL AND ITS RECOVERY AFTER A CONCUSSION INCIDENT BY ANALYZING ACCURACY AND CONSISTENCY OF PERFORMANCE

OTHER INFORMATION:
If you volunteer to participate, you will be asked to:
1.) Answer a questionnaire (SHORT)
2.) Provide 6 (3 at beginning, 3 at the end) maximum pinch forces using your thumb and index finger to calculate your maximum level of force.
3.) Complete 10 practice trials and 50 test trials at less than 20% maximum force.

THERE ARE MINIMAL RISKS THAT INCLUDE THE POSSIBILITY OF FATIGUE, FRUSTRATION, AND LOSS OF CONFIDENTIALITY INVOLVED WITH THIS STUDY. HOWEVER, PROCEDURES HAVE BEEN CREATED TO REDUCE THESE RISKS AND YOU CAN CHOOSE TO STOP AT ANY TIME WITHOUT NEGATIVE CONSEQUENCES.

PARTICIPATION IS STRICTLY VOLUNTARY; NO COMPENSATION IS PROVIDED

If interested, please contact the primary investigator, Melissa Lewis either by email (mmlewis@utexas.edu) or phone (512.365.0511)