PARTICIPATE IN A STUDY EXAMINING THE TWO-CYLINDER RULE AND FIREFIGHTER PERFORMANCE.

Researchers in the Departments of Emergency Medicine, Emergency Responder Human Performance Lab are recruiting subjects for a study the two-cylinder rule vs. longer work cycles and performance after fireground rehab.

If you volunteer for this study you will be asked to come to our laboratory in Oakland (3600 Forbes Ave) once and to the Allegheny County Fire Academy two times. At the first visit, you will receive a physical exam by a physician and walk on a treadmill (1-2 hours to complete). If you qualify after this visit, you will be scheduled for your second visit and your live burn visit. On your second visit you will complete a physical challenge and simple tests of reaction time and dexterity. On your last visit you will complete a live burn evolution.

- To determine if you are eligible for the study, you will first undergo a no-cost health examination and stress test.

- You must be in good health between the ages of 18 and 49. You cannot take medicine for heart disease. Female subjects cannot be pregnant.

- You must bring your own thermal protective clothing and self-contained breathing apparatus with a spare cylinder.

- You must provide proof of your status as Firefighter II, Firefighter I, or Firefighter Essentials with live burn.

- Parking for all visits is paid for by the study. You will be paid $25 upon completing visit one and an additional $100 upon completing the final visit.

This study is being conducted by Dr Dave Hostler. For more information, he and the other investigators can be reached at 412-647-5856.