You Are Invited to Participate in a Research Study of Trunk Mechanical and Neuromuscular Behaviors

You may be eligible to participate in this study if:

- Your age is within one of the following age range: 42-48, 52-58, 62-68;
- You have not had any episode of back pain during the past year that resulted in missing a work day or visiting a physician;
- Your occupation is not and has not been physically demanding

*** Note that your eligibility for this study will be assessed by a team of research clinicians and engineers following an interview and a physical examination.

Experiment Details:

- Different aspects of your trunk properties will be assessed using active and passive flexion-extension as well as sudden perturbation tests.
- Compensation:
  - 2 hours per session (Up to 2 experimental sessions plus a preliminary session)
  - $10/hour compensation + $10 bonus after completion

The experiment protocols in this study have been reviewed by the University of Kentucky and Virginia Tech IRBs.

Please contact the Human Musculoskeletal Biomechanics Lab if interested:

859-323-3876 or hmbl.uky@gmail.com