Join the University of Missouri's Ergonomics for Women Scoop Shovel and Pitchfork Tool Study

Empowering Women in Agriculture Through Ergonomic and Smart Innovation

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Participate in Transformative Research

▪ Are you interested in advancing women's health and safety in agriculture?
▪ The University of Missouri's Agricultural Systems Management invites you to participate in a pivotal study assessing the benefits of ergonomic tool use.

- Assess enhanced shovels and pitchforks for physical strain reduction in women farmers, compared to conventional scoop shovels and pitchforks via heart rate, energy use, and ergonomic assessment score
- Measure the benefits of ergonomic auxiliary grip designs on shovels and pitchforks in reducing stress and enhancing efficiency
- Provide education programs and solutions to improve the health and safety of women farmers
- Develop next-generation tools using ergonomic, engineering, automation and smart technology standards

Study Details

▪ Twelve 5-minute work intervals with a 3-minute rest in between. Total 1 hr. 36 minutes
▪ Use conventional tools and then tools with ergonomic enhancements.
▪ Tasks include scooping wood pellets and cleaning straw.

We Value Your Diversity

▪ Looking for participants of varied weights, heights, and age.
▪ Ensuring broad representation in agricultural ergonomic research.

Goal

Call to Action: Claim Your Spot and Rewards in This Essential Study!

Health Monitoring

- We'll track oxygen levels, blood pressure, and body temperature.
- Understand your personal energy expenditure and cardiac workload

Confidentiality Guaranteed

- Participants' identities will remain confidential.
- Comprehensive findings shared after study completion.

Your Participation Perks

- 25-dollar Gift Card for your valuable time and effort.
- Complimentary Lunch Pack to keep you fueled and focused.

Interested in Participating? Signup @Scan QR code or Contact Oguche Felix to sign up or ask questions:
- Phone: 573-590-0507
- Email: fofdt@missouri.edu

The farm address:
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