

Making better farm tools and equipment for women farmers

SARE PROJECT LNC21-458

1.2 million

388 million

\$148 billion

agriculture sales

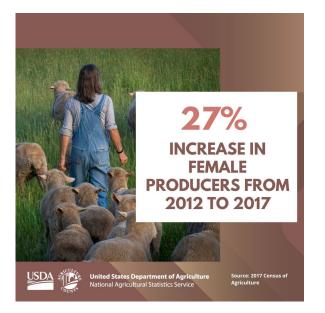
acres

female producers

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More women farmers and producers

US women principal farm operators increased from 13% (2012) to 30% (2017) (from 2017 Ag Census)



MO has 59,000+ female farm producers in 2017, which is 31% more than that in 2002

Our goal

- Improve the safety and health of women farmers
- Provide knowledge and resources
- Deliver alternative and next-generation farm tools and equipment

Our approaches

- Understand the issue survey, field visit a
- Conduct education activities
- Develop next-gene tools and equipment technologies

Learn More: https://sites.google.com/umsystem.edu/women-farmer-safety



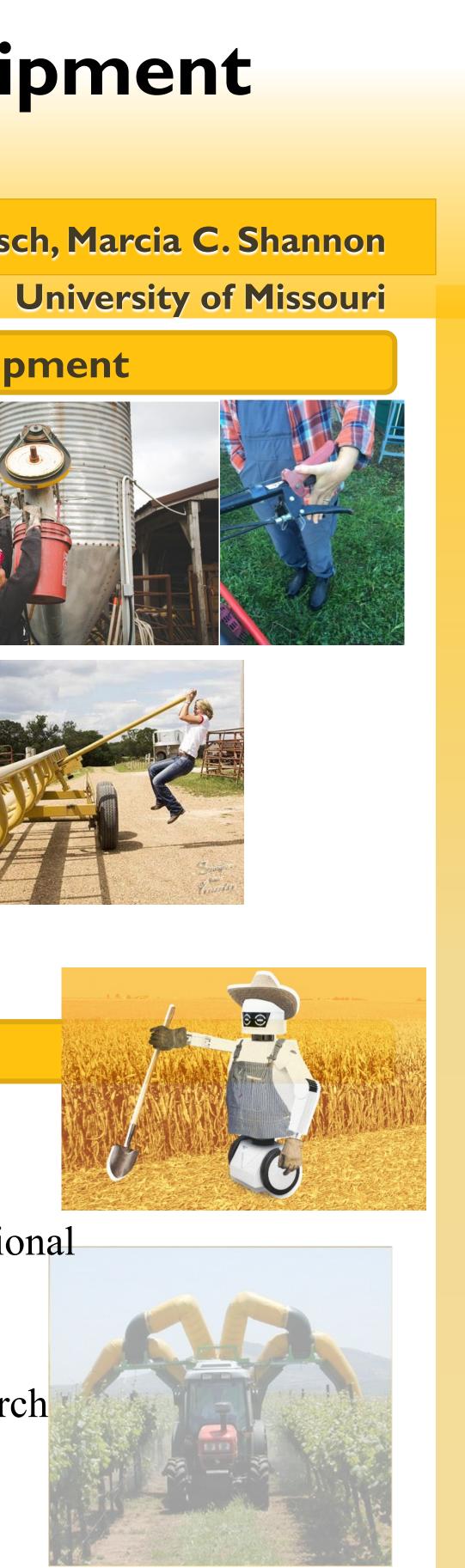
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Need better farming tools and equipment

- Farm tools and equipment are NOT designed based on women farmers
 - Women have relatively smaller body size and less strength
 - Tools are heavy, long and unbalanced
 - Equipment is difficult to operate
 - Handles and grips are not appropriately sized or placed
 - Less modern technologies are used
- May cause more injuries, illness, and chronic conditions related to agriculture work



Our goal and approaches

sues through	•	Participat
and assessment		group, fie
n and training		programs
	•	Volunteer
eration farm		ergonomi
ent using modern		Give your
		comments



You can help us

- te our survey, focus eld visit and educational
- r to participate the ic assessment research

College of Agriculture, Food & Natural Resources

University of Missouri

r suggestions and $\overline{\mathbf{S}}$

