

**NIOSH-funded Tractor Safety Initiative Projects, 2006 – 2007**  
*and Participating Institutions*

**Lead Center**

*Colorado State*

Contact: Steve Reynolds, [stephen.reynolds@colostate.edu](mailto:stephen.reynolds@colostate.edu), 970-491-3141

**Costs of Tractor Operator Injuries from Overturns and Highway Collisions**

*Kentucky, Colorado State, Iowa, North Carolina State, and California (Davis)*

- Determine the cost of farm tractor overturn injuries and identify who bears them.
- Use recently collected data about the frequency and severity of tractor overturn injuries to calculate the cost of these events and the losses averted by retrofitting unguarded tractors with ROPS or replacing them with ROPS-equipped tractors.

Contact: Henry Cole, [hcole@uky.edu](mailto:hcole@uky.edu), 859-323-6836

**Impact of Changes in ROPS Standards, Regulations, and Technology, and Their Effect on Future ROPS Availability**

*Colorado State and Tennessee*

- Review existing tractor ROPS standards and evaluate the impact of new direct rule for OSHA 1928.51 and international ROPS standard harmonization on future ROPS designs and retrofits.
- Evaluate the impact of new ROPS technologies and high-speed tractors on ROPS availability.

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**Documentation of Acceptability and Procedures for Financial Incentives for ROPS Retrofitting**

*Wisconsin (Marshfield), Iowa*

- Determine the attitudes of tractor and ROPS manufacturers, tractor dealers, and major farm organizations toward financial incentives for ROPS retrofitting of tractors.
- Describe levels of incentives that are likely to achieve wide participation.
- Identify important technical, legal, and other issues that may exist regarding ROPS retrofitting.

Contact: Mark Purschwitz, [purschwitz.mark@mcrf.mfldclin.edu](mailto:purschwitz.mark@mcrf.mfldclin.edu), 715-389-5267

**Designing Community-based Social Marketing Programs for Tractor Safety**

*Kentucky, Texas (Tyler), East Carolina, Colorado State, California (Davis), Washington, Northeast Center, Wisconsin (Marshfield)*

- Present the *National Agricultural Tractor Safety Initiative* to farmers and grassroots farm community leaders during 36 focus group discussions and gain feedback about the Initiative and its recommendations.
- Collaborate with focus group participants to pretest strategies, activities, and messages packaged in a prototype social marketing kit and identify local community media and communication channels respected by participants.

Contact: Chike Anyaegbunam, [canya2@uky.edu](mailto:canya2@uky.edu), 859-257-7820

**Communication and Partners**

*Washington and all other centers*

- Create a Web site and intranet devoted to the Initiative that will attract interested parties, report on tractor safety projects, and facilitate sharing information among the centers and others.
- Develop an annotated database of potential partners in the Initiative.

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(more)

### **About the Agricultural Centers for Disease and Injury Research, Education, & Prevention**

The Centers represent a major NIOSH effort to protect the health and safety of agricultural workers and their families. They were established as part of a NIOSH initiative in 1990 to address the nation's pressing agricultural health and safety problems. Now numbering nine, and located in every part of the country, the centers can respond to the issues unique to each region. NIOSH also supports the National Children's Center for Rural and Agricultural Health and Safety in Wisconsin.

#### **NIOSH Centers Collaborating on the Initiative**

1. *Pacific Northwest*
2. *Western*
3. *High Plains Intermountain*
4. *Southwest*
5. *Southern Coastal*
6. *Northeast*
7. *Great Lakes*
8. *Southeast*
9. *Great Plains*
10. *National Children's Center*

