

Empowering Outreach Workers to Engage in Farmworker Health Research: Development of a Web-Based Tool

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What do you want to get out of this session?

Our collaboration

 **NC FARMWORKER HEALTH PROGRAM**

NC STATE
UNIVERSITY



Duke University
School of Nursing

We want to bridge the gap between outreach workers and researchers.

Researchers



Outreach Workers



Farmworkers



Our product: pfr.nursing.duke.edu





A not-so-
hypothetical
research
project

Background: Why is washing important?

Pesticides can enter the body through skin, breathing, or eating/drinking.

Farmworkers should wash hands and face with soap and water before eating, drinking, using the bathroom, smoking, and chewing gum to minimize exposure.

We already know: Washing of the hands and face in the field needs to be improved.

In Summer 2014, we studied washing with 71 NC farmworkers working in tobacco.

Observed and reported washing behaviors were really different.

Washing Behavior of 71	Observed (all the time)	Reported (all the time)
Wash hands before eating	7	65
Wash hands before drinking	0	41
Wash face before eating	0	46
Wash face before drinking	0	31

New research project: What is the impact of hand washing?

Can we measure pesticides on farmworkers' hands using hand wipes?

Does washing hands decrease the amount of pesticides we measure?



Please get into groups and get out
your cell phones/ tablets. Go to
pfr.nursing.duke.edu.

YELLOW – OUTREACH WORKERS

RED – ADMINISTRATORS

GREEN – RESEARCHERS, CLINICIANS, OTHERS

Imagine you are the outreach team being approached for this research project.

You are being invited to help collect **quantitative data** by the **research team**.

First, they would like you to get **informed consent** from the farmworkers using an approved consent form.

Then, over the course of one week, they will need you to take hand wipes from 20 farmworkers at two time points. This **data collection** will take place

1. At the beginning of the day before they leave the camp and
2. After they have returned to the camp at the end of the work day.

Go to the
RESEARCH
page to review
the key terms.



What questions
do you still have
about the
study?



Go to the
COMMUNICATION WITH
THE RESEARCH TEAM page
to further explore this
potential collaboration and
draft additional questions
for the research team.



Are you interested in participating in this research project?



What are the benefits?



What are the risks?



What helped you make this decision?

You are
interested!



How will you
involve your
organization in the
conversation about
this research
project?



Go to the **COMMUNICATION WITH YOUR ORGANIZATION** page to explore further talking points with your organization.

Do you need
any other
information
from the
research team?



You and your organization have said YES to this research project!





What do you
need to do to
prepare to
approach
farmworkers
about this
research project?

Go to the
**COMMUNICATION with
FARMWORKERS** page to
find tips for talking with
farmworkers about this
research project.



What new ideas
did you have
after reading
this page?



Your take home
messages for us

What was your experience with the
website?

What did you like best? Least?

Is there anything else you needed from this
website?

How does this website change how you may
interact with a research team in the future?