

Long-Term Outcomes/Impact (3-5 years)

I. Strategic Goal: Create a usable repository of information and data sets to guide research, transfer, and intervention priorities that are responsive to the region's agricultural worker health and safety needs.

Intermediate Goal 1.1 Create a state based regional profile that catalogs existing data about the region's agriculture production, work force demographics, potential exposure risks, and identifies gaps in information/data.

- Action Steps:
1. Design a database to manage/standardize data from multiple sources and formats by February 1, 2008.
 2. Populate database by July 31, 2008 with available data from each of the five states to include:
 - Ag production
 - Labor force
 - Injuries/fatalities
 - Machinery & Equipment in use
 - Target audiences (producer groups, media outlets, Coop Ext, Ag Science Teachers, churches)
 - Support services and agribusinesses
 3. Develop a procedure for handling queries of the regional profile by August 15, 2008.
 4. Establish archive of ag "incidents" in the region published by Google news beginning July 15, 2008.

Intermediate Goal 1.2 Conduct at least two targeted regional surveillance projects to address priority gaps in data.

- Action Steps:
1. Conduct on-line survey with Cooperative Extension agents and others to solicit knowledge of farm and ranch injuries and fatalities by September 2009.
 2. Identify a second priority area to address gaps in the regional profile by September 2009.

Intermediate Goal: 1.3 Identify priority health measures in AFF for the region.

- Action Steps:
1. Enumerate health measures for migrant/immigrant agricultural worker groups in the region by February 2009.
 2. Enumerate health measures for a second targeted agricultural worker group in the region by February 2009.

Intermediate Goal: 1.4 Identify and collect information related to agricultural injuries associated with use of equipment.

- Action Steps:
1. Query known sources for injury and fatality data related to agricultural equipment by June 2009.
 2. Determine associations between agricultural injuries and use of equipment in recognized risk settings by June 2009.
 3. Identify emerging risks for agricultural injuries due to use of equipment by July 2009.

II. Strategic Goal: Identify AFF industries of interest and the important issues within those industries.

Intermediate Goal: 2.1 Use information collected in Strategic Goal 1 to promote feasibility and other studies that address gaps in research/information.

Intermediate Goal: 2.2 Identify and characterize Musculoskeletal symptoms associated with ergonomic risk factors in agricultural settings.

- Action Steps
1. Enumerate and characterize MS symptoms in a population of crawfishermen by January 31, 2009.
 2. Enumerate and characterize Musculoskeletal symptoms in a second population of agricultural workers by September 30, 2009.

Intermediate Goal: 2.3 Influence improved tractor safety behaviors

- Action Steps:
1. Incorporate a Safe Tractor Workshop with the VATAT Conference annually for TX Ag Teachers by August 1, 2008,
 2. Recruit Ag Teachers and Ag Extension Agents from LA and AR to become Community Lead Instructors or Master Trainers by November 15, 2009.

Intermediate Goal: 2.4 Increase the number of tractors with ROPS retrofit

- Action Steps:
1. Work with a private foundation to quantify representative tractor inventory by April 2009.
 2. Identify and establish rapport with reputable retrofit specialists by 2010.
 3. Identify and contact resources for potential rebate program support by 2010
 4. Establish collaborative partners for implementation of ROPS rebate program by 2010.
 5. Employ social marketing strategies to facilitate implementation of ROPS retrofit Program by 2010.
 6. Identify and recruit retrofit spokesperson (Neil McCoy, Rep. Hayden family, etc.) by 2010.

Intermediate Goal: 2.5 Characterize work health and safety issues for commercial fishermen in the region.

- Action Steps:
1. Continue collaboration with the US Coast Guard to receive data on incident events, October 2008 and annually.
 2. Collaborate with the US Coast Guard and other partners to promote evidence based safety and health interventions among commercial fishermen of the Gulf Coast by September 30, 2009.
 3. Establish dialog with at least one insurance representative for commercial fishing industry to explore possibility of premium reduction/incentives for safety behaviors by January 30, 2009.
 4. Expand collaborations with at least two associations/agencies serving commercial fishermen by November 30, 2008.

Intermediate Goal: 2.6 Characterize safety and health hazards for forestry workers in Region VI.

- Action Steps:
1. Establish a relationship with one logging/forestry company in each of 4 states to characterize the scope of jobs and nature of work by June 30, 2009.
 2. Establish a relationship with one insurance writer for forestry/logging operations to determine the types and severity of injury/health claims in the forestry/worker population by March 31, 2010.
 3. Establish a list of associations and service organizations for forestry workers by August 31, 2008.

III. Strategic Goal: Characterize occupational health and safety issues that could be addressed through intervention study designs.

IV. Strategic Goal: Increase the SW Ag Center visibility and sphere of influence through development of partnerships and collaborations.

Intermediate Goal 4.1 Improve communications between and among SW Ag Center partners.

- Action Steps
1. Produce a quarterly update for internal distribution beginning Jan. 2008
 2. Convene 2-3 interactive sessions with external and internal advisors and/or PIs annually.
 3. Convene a virtual mid-cycle board meeting (spring 2009)
 4. Work with NCFH to devote an issue of *Newsline* to the SW Ag Center May 2009.
 5. Produce *Cultivation* quarterly and distribute electronically by November 2009.
 6. Investigate feasibility of establishing electronic distribution of hot topics for target audiences; resolve by March 2009.

Intermediate Goal: 4.2 Expand geographic representation and involvement in center sponsored initiatives and research efforts.

- Action Steps:
1. Organize external advisory board to optimize regional involvement and priorities by September 2008.
 2. Establish ad hoc advisory groups inclusive of stakeholders, agribusiness, and insurance representatives as appropriate in two states, to identify issues, concerns and priorities by December 2008.

Intermediate Goal 4.3 Enhance visibility of and accessibility to center products, services, and mission

- Action Steps
1. Utilize the center website to post bibliography, products, and archive of sponsored Projects and update at least twice each year,
 2. Recommend that project partners include website address in email signature,
 3. Provide PIs and Board Members with a copy of any enduring materials produced by the Center or Center projects as they are available.
 4. Adopt a tag line for the ag center by April 2009.
Suggestions: Protecting the Hands and the Lands that feed US"
Handling With Care: People, Plants, and Pesticides,
 5. Evaluate the mission statement and revise as needed by 9/29/08.

Intermediate Goal 4.4 Maintain formal and informal collaborations with NIOSH ag centers and other organizations.

- Action Steps
1. Co-host journalist workshop with National Children's Center – June 2008
 2. Partner with HI-CAHS on project with National 4-H-September 2007 - 2011
 3. Co-host conference on Western agriculture, November 2008
 4. Participate in the multi-site evaluation project, 2008 through contract period.
 5. Describe unique contributions/characteristics that could complement the work of the other ag centers by January 2009.

Intermediate Goal 4.5 Diversify SW Ag Center funding base

- Action Steps
1. Work with center advisors and research collaborators to develop hypothesis driven or service proposals in anticipation of diverse funding opportunities, by September 15, 2008 with periodic updates.
 2. Participate in grant funding notice listserv by May 2008

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3. Identify at least 3 Foundations/private funding sources likely to support worker health/safety project (intervention, education, outreach) by September 2008.
4. Establish a cost recovery procedure for SW Ag Center produced products and implement by May 1, 2008,
5. Generate list of potential funding sources from the Foundation Directory by July 31, 2008.
6. Assemble portfolio of R2P projects to demonstrate product quality and scope of work for potential funders, by July 2008 and ongoing.
7. Submit at least 3 proposals by September 30, 2010.

Intermediate Goal 4.6 Expand the influence and work of the SW Ag Center to the national agricultural audience.

V. Build capacity for sustainable agricultural safety and health programs

Intermediate Goal 5.1 Facilitate external advisory board member involvement with current projects.

- Action Step 1. Identify areas of expertise/experience and interests for each external board member by August 31, 2008.
2. Review project progress reports and outreach activities twice a year (April & November) for potential advisory board member involvement.
 3. Foster scholarly and collegial interaction between paired PIs and advisory board members (and least two) to benefit the project, generate manuscripts, and/or identify other projects/opportunities by October 2008.
 4. Revise Advisory Board member Roles and Responsibilities by September 5, 2008.

Intermediate Goal 5.2 Identify and mentor junior investigators into agricultural worker research, transfer, and intervention research.

- Action Step 1. Assist advisory board members and PIs in the identification of one junior investigator to develop an interest in occupational issues in agriculture by October 1, 2009.
2. Conduct follow-up with current and previous pilot/feasibility study PIs for current interests and "spin-off" project opportunities by November 2008.
 3. Host a proposal development workshop with current and invited researchers periodically by April 2009.

Intermediate Goal 5.3 Pursue and implement the r2p opportunities for each project.

- Action Step 1. Circulate annual project progress reports, including PI recommendations or suggestions for other embedded or independent projects, to demonstrate r2p by May and January of each year.
2. Identify two junior and/or experienced investigators from complementary discipline to engage in proposal development process by April 2009.

Intermediate Goal 5.4 Conduct training/certification program for AFF workers and professionals engaged in areas of identified need by 2010