

**Program Team: \_\_Meat Production and Food Safety\_\_\_\_\_**

**Where to send your report.** Send to Sherry Cooper/PSU who will pass on to the relevant SI leader.

**Why such reports.** We need **simple** ways to collect quick overviews of key things happening in each of the PTs. We can then better **communicate** and **advocate** for the breadth of activity happening across UC ANR.

The report is to be **simple** and **post-event**. Suggestions for a better report structure most welcome.

**1. Meeting objectives**

1. To understand what current research and extension activities are underway;
2. To network with new Advisors, Specialists, and AES faculty since our last meeting in Fall 2018;
3. To discover what issues as a group we might develop new research and extension efforts around

**2. Workgroups engaged:** Beef Safety and Quality Assurance, Livestock Production Systems, and Sheep and Goat Herd Health

**3. Primary meeting outcomes**

1. Networking
2. Building capacity for research and extension in the meat program area
- 3.

**4. Next steps**

1. \_We identified three group projects that are a combination of research and extension projects. Currently the projects are finished flushing out notes taken at the PT Meeting, extension work is being planned to move the topics ahead, and grants are being searched to conduct the research.
2. \_Connections have been made with advisors who have similar interests for research and extension programs to duplicate a program in another part of the state, or to create something new.
3. \_AES Faculty is preparing to contact California Beef Council to fund a research project thanks to connections made at the PT meeting.

**5. How the PT activities fit with the larger SI picture (See table for reference).**

- **We see the PT is consistent with these Initiative Themes: Sustainable Production and Safe Handling.**
- **And fits with these Grand Challenges:**

**Sustainable Production:** Labor scarcity; Dealing with regulatory requirements; Water - quantity and quality; Farm Prices; Climate change; Emerging pests

Our panel discussion on our second day really drove home this Grand Challenge. We were lucky enough to have respected members from different industry segments join us to discuss what they see is sustainable through their lenses. The overarching thing we heard is more education. Education of the general public to understand how the livestock and meat segments work. Education of the general public on the benefits and safety of GMOs to help produce enough food for the world. Education of producers about the necessity to follow some protocols to give themselves a boost in the market, or at least not be penalized by not doing what is now industry norm. They also shed light on what the customer is wanting to have in their meat, as far as verifications. UCCE can play a major role in filling this need. Creating educational content for the ranchers if very easy and we have a mechanism to do so. We can also be creative in developing educational content for the general public, using the University to craft messages that can be broadly spread across the state. UCCE can also be at the forefront helping the livestock industry shape what messages should be created, what consumers should care about. This will be a focus for a future statewide project.

**Safe Food Processing:** Food safety and preservation

As mentioned above, the livestock industry still has not addressed their end product – meat production. Opportunities were identified through our panel discussion on how UCCE can play a more active role in this aspect and address the Grand Challenge as well.

6. **Optional: Do you have “Hot Button” items.** These items that might warrant a trending [Trending](#) article – help educate the broader public on key issues.

We could have one of the above developed into one??? Thoughts?

7. **What are 1-3 impact stories from PT group members that could be highlighted with Strat com?** Note the theme & contact(s)

- a. Pedro's work?
- b. Payam's work on meat quality?
- c. Anyone else?

SI	Initiative Themes		Grand Challenges
<b>EIPD</b>			
<input type="checkbox"/>	<a href="#">Keeping invasive pests and pathogens out of California</a>	<input type="checkbox"/>	Emerging pests (e.g., Citrus Greening)
<input type="checkbox"/>	<a href="#">New problems with existing pests and diseases</a>	<input type="checkbox"/>	The public understanding the role of science in safe and effective pest management (e.g., urban and household pesticide use relative to use on other systems)
<input type="checkbox"/>	<a href="#">Integrated management</a>	<input type="checkbox"/>	Pursuing new technologies for existing pests (e.g., breeding for powdery mildew)
<b>HFC</b>			
<input type="checkbox"/>	<a href="#">Promoting healthy behaviors for childhood obesity prevention</a>	<input type="checkbox"/>	Chronic disease and Food insecurity across the lifespan of all Californians
<input type="checkbox"/>	<a href="#">Encouraging and enhancing youth science literacy</a>	<input type="checkbox"/>	Delivery of high-quality positive youth development in all communities
<input type="checkbox"/>	<a href="#">Promoting positive youth development</a>	<input type="checkbox"/>	Rising social, economic and health inequality
<input type="checkbox"/>	<a href="#">Community Development</a>	<input type="checkbox"/>	Access to science education and professional learning opportunities
<b>SFS</b>			
<input type="checkbox"/>	Sustainable production	<input type="checkbox"/>	<b>Sustainable Production:</b> Labor scarcity; Dealing with regulatory requirements; Water - quantity and quality; Farm Prices; Climate change; Emerging pests
<input type="checkbox"/>	Safe processing	<input type="checkbox"/>	
<input type="checkbox"/>	Enhanced access	<input type="checkbox"/>	
		<input type="checkbox"/>	<b>Safe Food Processing:</b> Food safety and preservation
		<input type="checkbox"/>	<b>Enhanced Food Access:</b> Food deserts and cost; Changing food preferences; Food access and security for aging seniors
<b>SNE</b>			
<input type="checkbox"/>	Healthy rangelands, forests and working landscapes	<input type="checkbox"/>	Fire
<input type="checkbox"/>	Fighting Fire – Resilient forests and fire-safe urban areas	<input type="checkbox"/>	Land use policy
<input type="checkbox"/>	Protecting where we live. Healthy landscapes and urban forests	<input type="checkbox"/>	Protecting water supplies - quality and quantity
<input type="checkbox"/>	Enhancing our water supply	<input type="checkbox"/>	Climate change

<b>Water</b>			
<input type="checkbox"/>	Safe & secure drinking water	<input type="checkbox"/>	Conservation and enhancement strategies to bolster water resources and meet increasing agricultural, urban, and ecosystem water demands
<input type="checkbox"/>	Safe & secure surface water		
<input type="checkbox"/>	Safe & sustainable groundwater	<input type="checkbox"/>	Sustainable farm, urban, and natural resource management practices to protect soil and water quality from salinity, sediment, pathogens, excess nutrients, trace elements, and other contaminants
<input type="checkbox"/>	Holistic water management	<input type="checkbox"/>	Quantifying the impacts of climate change on California's precious water resources and consequent impacts on agriculture, urban, and ecosystems, while seeking ways to make these sectors more resilient to climate related risks
<input type="checkbox"/>			