Welcome CCRC!
Swanton Pacific Ranch

A Cal Poly living and learning laboratory
Al Smith: see the Ranch remain
“...a living & learning environment
for students ...forever”
Recognized as the country’s premier living laboratory supporting cross-disciplinary education and research, and demonstrating sustainable forest, livestock, and crop production that protects if not enhances ecosystem function & biodiversity.
What are we all about?

Operations
Forestry / Livestock / Crops

Education
Internships / Field Trips / Short Courses / Seminars

Research and Demonstration
Hydrologic / Forestry / Botanical / Wildlife
**Operations**
- Working lands for resource production
- Support E,R & D

**Education**
- Expand internship program
- Increase intensive short courses
- Undergrad and grad research & demo
- Seminars and workshops

**Research & Demonstration**
- Pursue collaborative research
- Expand demonstrations
Livestock management

- Stocker operation
- Cow/Calf operation
- Natural beef
- Enterprise Projects
Collaborative Research & Demonstration

Fisheries

Restoration

Wildfire

Botanical

Forestry

Rangeland

Wildlife

Landscape

Water Quality
Project Goal:
Evaluate the effectiveness of best management practices for timber harvesting activities in maintaining existing water quality and channel conditions.
Fire-induced effects on watershed processes

Goals

Evaluate infiltration and runoff characteristics.
Can changes be attributed to the Lockheed Fire.
Little Creek LIDAR Study

Compare ground-based watershed features to LIDAR-generated features
Land stewardship and ecosystem management
Forestry, livestock, and crop operations
Faculty, graduate and undergraduate applied research
Internships, enterprise & senior projects, and courses
Professional seminars and workshops

www.spranch.org