

The U.S. Legacy of Agricultural Support

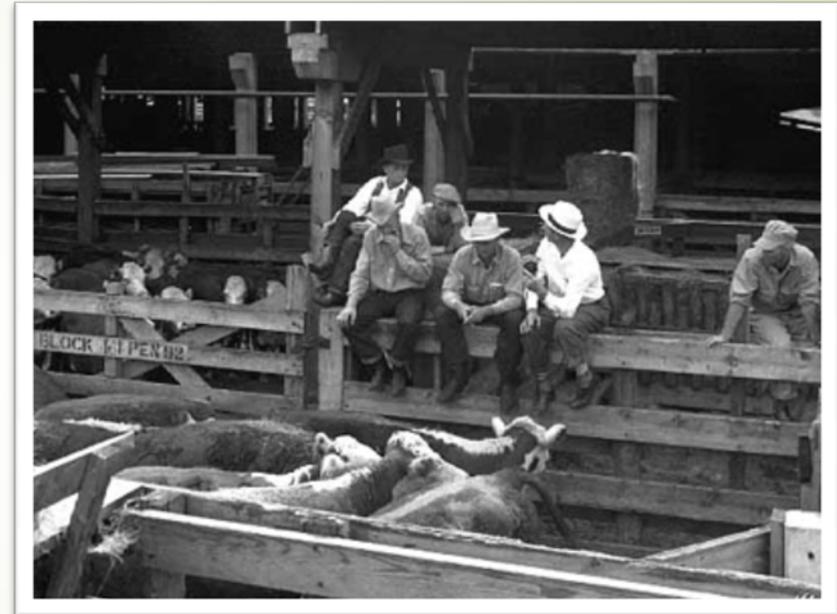
Morrill Act

- ▶ Passed in 1862 During the Civil War
- ▶ As a means to ensure that education would be available to Americans of every social class. The act granted federally controlled land to states for the establishment of "land-grant" colleges.
- ▶ Transformed Higher Education in the U.S.
- ▶ University of California



Agricultural Act

- ▶ Passed in 1862
- ▶ Established the U.S. Department of Agriculture
- ▶ The "Peoples' Department"
- ▶ Began Engaging in Animal Health Research in 1868
- ▶ Formalized the Agricultural Research Service in 1953
- ▶ ARS Annual Appropriation > \$1 B



Hatch Act

- ▶ Passed in 1887
- ▶ Established State Agricultural Experiment Stations
- ▶ Shared Federal and State Funding
- ▶ Combined with Land-Grant Mission
- ▶ FY2014 Proposed Federal Budget - ~\$236 M



Smith-Lever Act

- ▶ Passed in 1914
- ▶ Created the Cooperative Extension Service
- ▶ Shared Funding Federal, State, and County
- ▶ Combined with Land-Grant Mission
- ▶ FY2014 Proposed Federal Budget - ~\$300 M



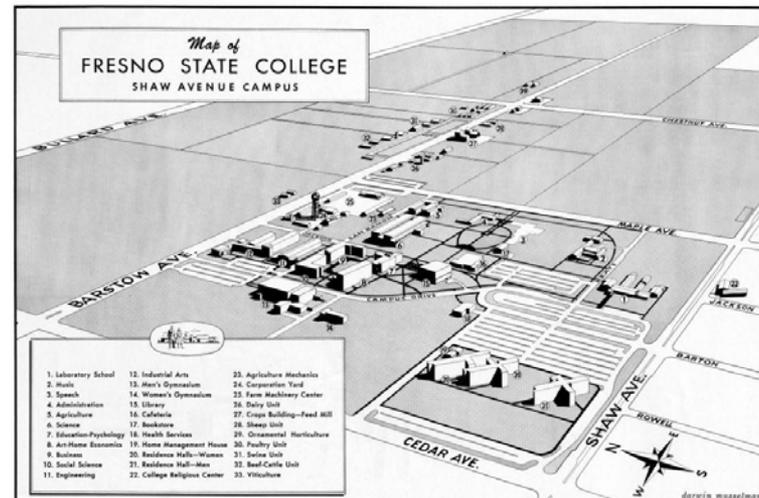
The Land-Grant Legacy

- ▶ Three Legged Stool
- ▶ Synergistic Relationship of Education, Research and Service Through Knowledge Transfer
- ▶ Three Missions often Separated and Distinct in their Countries



State Colleges of Agriculture

- Often Started as Normal Colleges or Teacher Colleges
- As with Land-Grants Grew in Mission
- Non-Land Grant Colleges of Agriculture Recognized in 2008 "Farm Bill"





California Master Plan for Higher Education

- Developed in 1960
- Established Three Systems
 - University of California
 - California State University
 - California Community Colleges
- Distinct Missions

The CSU System



- 23 Campuses
- Four Agricultural Programs
- ~400,000 Students
- >8,000 Ag Students



Agricultural Research Initiative

- Established in 1999
- \$4 million CSU Competitive Grant Program
- Applied Agricultural and Environmental Research
- Requires External Match
- Encourages Collaboration across CSU Campus and with UC and USDA ARS Researchers



Kellogg Commission on the future of State and Land- Grant Universities

- “Returning To Our Roots”
- Moving from Teaching, Research, and Service to Learning , Discovery and Engagement
- Challenge to be More Responsive
 - Student Access
 - Community Engagement
 - Collaborative Cross Discipline Cooperation to Solve Important Problems



Challenges



- Increasing Research Priorities in Agriculture
 - Diverse Agriculture
 - Globalization
 - Competitiveness
 - Environmental Stewardship
- Stagnated Decreased Public Funding
 - Competing Societal Priorities
 - A Victim of Our Success
 - Increased Opportunity to Collaborate